

PROJECT ANDROID SIMPEL

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Aplikasi Monitoring Kinerja Berbasis GPS (ActSPOT)

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Hak cipta dilindungi undang-undang
Dilarang memperbanyak karya tulis ini dalam bentuk dan dengan cara
apapun tanpa ijin tertulis dari penerbit

*‘Jika Kamu tidak dapat
menahan lelahnya
belajar, Maka kamu harus
sanggup menahan
perihnya Kebodohan.’
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FOREWORD

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ACRONYMS

ACGIH	American Conference of Governmental Industrial Hygienists
AEC	Atomic Energy Commission
OSHA	Occupational Health and Safety Commission
SAMA	Scientific Apparatus Makers Association

GLOSSARY

git	Merupakan manajemen sumber kode yang dibuat oleh linus torvald.
bash	Merupakan bahasa sistem operasi berbasiskan *NIX.
linux	Sistem operasi berbasis sumber kode terbuka yang dibuat oleh Linus Torvald

SYMBOLS

- A Amplitude
- $\&$ Propositional logic symbol
- a Filter Coefficient

- \mathcal{B} Number of Beats

INTRODUCTION

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Pada era disruptif saat ini. git merupakan sebuah kebutuhan dalam sebuah organisasi pengembangan perangkat lunak. Buku ini diharapkan bisa menjadi penghantar para programmer, analis, IT Operation dan Project Manajer. Dalam melakukan implementasi git pada diri dan organisasinya.

Rumusnya cuman sebagai contoh aja biar keren[1].

$$ABCDEF\alpha\beta\Gamma\Delta\sum_{def}^{abc} \tag{I.1}$$

BAB 1

GPS

1.1 GPS (Global Positioning System)

GPS atau Global Positioning System, merupakan sebuah alat atau sistem yang dapat digunakan untuk menginformasikan penggunaanya berada (secara global) di permukaan bumi yang berbasis satelit. Data dikirim dari satelit berupa sinyal radio dengan data digital. Dimanapun posisi saat ini, maka GPS bisa membantu menunjukkan arah, selama masih terlihat langit. Layanan GPS ini tersedia gratis, bahkan tidak perlu mengeluarkan biaya apapun kecuali membeli GPS receiver-nya. Awalnya GPS hanya digunakan hanya untuk kepentingan militer, tapi pada tahun 1980-an dapat digunakan untuk kepentingan sipil. GPS dapat digunakan dimanapun juga dalam 24 jam. Posisi unit GPS akan ditentukan berdasarkan titik-titik koordinat derajat lintang dan bujur.

1.1.1 Pengertian GPS

Menurut (Winardi, 2006) adalah sistem untuk menentukan letak di permukaan bumi dengan bantuan penyelarasan (synchronization) sinyal satelit. Sistem ini menggunakan 24 satelit yang mengirimkan sinyal gelombang mikro ke Bumi. Sinyal ini

diterima oleh alat penerima di permukaan, dan digunakan untuk menentukan letak, kecepatan, arah, dan waktu. Sistem yang serupa dengan GPS antara lain GLONASS Rusia, Galileo Uni Eropa, IRNSS India. Sistem GPS, yang nama aslinya adalah NAVSTAR GPS (Navigation Satellite Timing and Ranging Global Positioning System), mempunyai tiga segmen yaitu : satelit, pengontrol, dan penerima / pengguna. Satelit GPS yang mengorbit bumi, dengan orbit dan kedudukan yang tetap (koordinatnya pasti), seluruhnya berjumlah 24 buah dimana 21 buah aktif bekerja dan 3 buah sisanya adalah cadangan. Untuk dapat mengetahui posisi seseorang maka diperlukan alat yang diberinama GPS receiver yang berfungsi untuk menerima sinyal yang dikirim dari satelit GPS. Posisi di ubah menjadi titik yang dikenal dengan nama Way-point nantinya akan berupa titik-titik koordinat lintang dan bujur dari posisi seseorang atau suatu lokasi kemudian di layar pada peta elektronik. Sejak tahun 1980, layanan GPS yang dulunya hanya untuk keperluan militer mulai terbuka untuk publik. Uniknya, walau satelit-satelit tersebut berharga ratusan juta dolar, namun setiap orang dapat menggunakannya dengan gratis. (Andy, 2009). Satelit-satelit ini mengorbit pada ketinggian sekitar 12.000 mil dari permukaan bumi. Posisi ini sangat ideal karena satelit dapat menjangkau area coverage yang lebih luas. Satelit-satelit ini akan selalu berada posisi yang bisa menjangkau semua area di atas permukaan bumi sehingga dapat meminimalkan terjadinya blank spot (area yang tidak terjangkau oleh satelit). Setiap satelit mampu mengelilingi bumi hanya dalam waktu 12 jam. Sangat cepat, sehingga mereka selalu bisa menjangkau dimana pun posisi seseorang di atas permukaan bumi. GPS receiver sendiri berisi beberapa integrated circuit (IC) sehingga murah dan teknologinya mudah untuk di gunakan oleh semua orang. GPS dapat digunakan untuk berbagai kepentingan, misalnya mobil, kapal, pesawat terbang, pertanian dan di integrasikan dengan komputer maupun laptop. Berikut beberapa contoh perangkat GPS receiver: Sejarah GPS GPS dikembangkan pertama kali sebagai NAVSTAR Global Positioning System (GPS) juga dikenal sebagai NAVigation System with Timing And Ranging GPS. Sistem ini merupakan sistem penentuan posisi berbasis satelit, dan sekaligus merupakan tonggak revolusi bidang pengukuran posisi dan navigasi. Sistem GPS pada awalnya merupakan sistem navigasi ketentaraan yang dirancang, dilaksanakan, dibiayai, dan dikelola oleh Jabatan Pertahanan Amerika Serikat (DoD). Sistem ini dirancang oleh Jabatan Amerika Serikat sejak tahun 1973. Sistem ini adalah hasil gabungan program U.S. Navy TIMATION dan proyek U.S. Air Force 621B di bawah tanggung jawab Joint Program Office (JPO). Satelit GPS yang pertama telah diluncurkan pada tahun 1978. Pada awalnya, penggunaan sistem ini ditujukan bagi pihak tentara Amerika Serikat saja tetapi setelah diluluskan pada Kongres Amerika Serikat, penggunaan sistem penentuan posisi ini terbuka untuk umum. Tujuan utama GPS adalah untuk mewujudkan sistem penentuan posisi di darat, laut, dan udara bagi pihak tentara Amerika Serikat dan sekutunya, namun kemudian sistem ini bebas digunakan oleh semua pengguna. Sistem ini dirancang untuk menggantikan berbagai sistem navigasi yang telah digunakan.

1.1.2 Pengenalan GPS

GPS atau Global Positioning System adalah suatu sistem navigasi satelit yang terdiri dari 24 satelit beroperasi dan 3 satelit cadangan. Ke-24 satelit itu mengorbit bumi pada jarak 20.200 km dan waktu orbit 12 jam, sambil memancarkan sinyal berita gelombang radio. Departemen Pertahanan AS yang mengoperasikan sistem GPS telah mengatur konfigurasi satelit sedemikian rupa, sehingga semua tempat di bumi dapat menerima sinyal dari 4 sampai 10 satelit. Sebagai penunjuk waktu, masing-masing satelit dibekali dengan 4 buah jam atom yang dapat mengukur waktu dengan ketelitian sepermilyar detik. Teknologi GPS sanggup menentukan lokasi manapun di muka bumi dengan ketelitian kurang lebih 1 meter

1.1.3 Sistem Satelit GPS

Untuk menginformasikan posisi user, 24 satelit GPS yang ada di orbit sekitar 12,000 mil di atas kita. Bergerak konstan bergerak mengelilingi bumi 12 jam dengan kecepatan 7,000 mil per jam. Satelit GPS berkekuatan energi sinar matahari, mempunyai baterai cadangan untuk menjaga agar tetap berjalan pada saat gerhana matahari atau pada saat tidak ada energi matahari. Roket penguat kecil pada masing-masing satelit agar dapat mengorbit tepat pada tempatnya. Satelit GPS adalah milik Departemen Pertahanan (Department of Defense) Amerika, adapun hal-hal lainnya mengenai GPS ini:

1. Nama satelit adalah NAVSTAR
2. GPS satelit pertama kali adalah tahun 1978
3. Mulai ada 24 satelit dari tahun 1994
4. Satelit di ganti tiap 10 tahun sekali
5. GPS satelit beratnya kira-kira 2,000 pounds
6. Kekuatan transmitter hanya 50 watts atau kurang

Satelit-satelit GPS harus selalu berada pada posisi orbit yang tepat untuk menjaga akurasi data yang dikirim ke GPS receiver, sehingga harus selalu dipelihara agar posisinya tepat. Stasiun-stasiun pengendali di bumi ada di Hawaii, Ascension Island, Diego Garcia, Kwajalein dan Colorado Spring. Stasiun bumi tersebut selalu memonitor posisi orbit jam satelit dan di pastikan selalu tepat.

1.1.4 Signal Satelit GPS

1.1.5 Carrier

Satelit GPS mengirim sinyal dalam dua frekuensi. L1 dengan 1575.42 Mhz dengan membawa dua status pesan dan pseudo-random code untuk keperluan perhitungan

wakt. L2 membawa 1227.60 MHz dengan menggunakan presesi yang lebih akurat karena untuk keperluan militer. Daya sinyal radio yang dipancarkan hanya berkisar antara 20-50 Watts. Ini tergolong sangat rendah mengingat jarak antara GPS dan satelit sampai 12.000 mil. Sinyal dipancarkan secara line of sight (LOS), dapat melewati awan, kaca tapi tidak dapat benda padat seperti gedung, gunung

1.1.6 Pseudo-Random Codes

GPS yang digunakan untuk publik akan memantau frekuensi L1 pada UHF (Ultra-High Frequency) 1575.42 MHz. Sinyal L1 yang dikirimkan akan memiliki pola-pola kode digital tertentu yang disebut sebagai pseudorandom. Sinyal yang dikirimkan terdiri dari dua bagian yaitu kode Protected(P) dan Coarse/Acquisition(C/A). Kode yang dikirim juga unik antar satelit, sehingga memungkinkan setiap receiver untuk membedakan sinyal yang dikirim oleh satu satelit dengan satelit lainnya. Beberapa kode Protected (P) juga ada yang diacak, agar tidak dapat diterima oleh GPS biasa. Sinyal yang diacak ini dikenal dengan istilah Anti Spoofing, yang biasanya digunakan oleh GPS khusus untuk keperluan tertentu seperti militer

1.1.7 Navigation Message

Ada sinyal frekuensi berkekuatan lemah yang di tambahkan pada kode L1 yang memberikan informasi tentang orbit satelit, clock corectionnya dan status sistem lainnya.

1.1.8 Cara Kerja GPS

Setiap daerah di atas permukaan bumi ini minimal terjangkau oleh 3-4 satelit. Pada prakteknya, setiap GPS terbaru bisa menerima sampai dengan 12 chanel satelit sekaligus. Kondisi langit yang cerah dan bebas dari halangan membuat GPS dapat dengan mudah menangkap sinyal yang dikirimkan oleh satelit. Semakin banyak satelit yang diterima oleh GPS, maka akurasi yang diberikan juga akan semakin tinggi. Cara kerja GPS secara logik ada 5 langkah:

1. Memakai perhitungan triangulation dari satelit.
2. Untuk perhitungan triangulation, GPS mengukur jarak menggunakan travel time sinyal radio.
3. Untuk mengukur travel time, GPS memerlukan memerlukan akurasi waktu yang tinggi.
4. Untuk perhitungan jarak, kita harus tahu dengan pasti posisi satelit dan ketinggian pada orbitnya.
5. Terakhir harus mengoreksi delay sinyal waktu perjalanan di atmosfer sampai diterima receiver.

Satelit GPS berputar mengelilingi bumi selama 12 jam di dalam orbit yang akurat dia dan mengirimkan sinyal informasi ke bumi. GPS receiver mengambil informasi itu dan dengan menggunakan perhitungan triangulation menghitung lokasi user dengan tepat. GPS receiver membandingkan waktu sinyal di kirim dengan waktu sinyal tersebut di terima. Dari informasi itu didapat diketahui berapa jarak satelit. Dengan perhitungan jarak jarakGPS receiver dapat melakukan perhitungan dan menentukan posisi user dan menampilkan dalam peta elektronik.

Sebuah GPS receiver harus mengunci sinyal minimal tiga satelit untuk menghitung posisi 2D (latitude dan longitude) dan track pergerakan. Jika GPS receiver dapat menerima empat atau lebih satelit, maka dapat menghitung posisi 3D (latitude, longitude dan altitude). Jika sudah dapat menentukan posisi user, selanjutnya GPS dapat menghitung informasi lain, seperti kecepatan, arah yang dituju, jalur, tujuan perjalanan, jarak tujuan, matahari terbit dan matahari terbenam dan masih banyak lagi. Satelit GPS dalam mengirim informasi waktu sangat presisi karena Satelit tersebut memakai jam atom. Jam atom yang ada pada satelit jam dengan partikel atom yang di isolasi, sehingga dapat menghasilkan jam yang akurat dibandingkan dengan jam biasa. Perhitungan waktu yang akurat sangat menentukan akurasi perhitungan untuk menentukan informasi lokasi kita. Selain itu semakin banyak sinyal satelit yang dapat diterima maka akan semakin presisi data yang diterima karena ketiga satelit mengirim pseudo-random code dan waktu yang sama.

Ketinggian itu menimbulkan keuntungan dalam mendukung proses kerja GPS, bagi kita karena semakin tinggi maka semakin bersih atmosfer, sehingga gangguan semakin sedikit dan orbit yang cocok dan perhitungan matematika yang cocok. Satelit harus teptap pada posisi yang tepat sehingga stasiun di bumi harus terus memonitor setiap pergerakan satelit, dengan bantuan radar yang presisi selalu di cek tentang altitude, position dan kecepatannya.

1.1.9 Sistem koordinat pada GPS

Pengenalan tentang sistem koordinat sangat penting agar dapat menggunakan GPS secara optimum. Setidaknya ada dua klasifikasi tentang sistem koordinat yang dipakai oleh GPS maupun dalam pemetaan yaitu : sistem koordinat global yang biasa disebut sebagai koordinat geografi dan sistem koordinat di dalam bidang proyeksi. Koordinat geografi diukur dalam lintang dan bujur dalam besaran derajat desimal, derajat menit desimal, atau derajat menit detik Lintangdiukur terhadap equator sebagai titik nol (0° sampai 90° positif kearah utara dan 0° sampai 90° negatif kearah selatan). Bujur diukur berdasarkan titik nol di Greenwich 0° sampai 180° kearah timur dan 0° sampai 180° kearah barat. Koordinat di dalam bidang proyeksi merupakan koordinat yang dipakai pada sistem proyeksi tertentu. Umumnya berkait erat dengan sistem proyeksinya, walaupun adakalanya (karena itu memungkinkan) digunakan koordinat geografi dalam bidang proyeksi. Beberapa sistem proyeksi yang lazim digunakan di Indonesia di antaranya adalah : proyeksi Merkator, Transverse Merkator, Universal Tranverse Merkator (UTM), Kerucut Konformal. Masing-masing sistem tersebut ada kelebihan dan kekurangan, dan pemilihan proyeksi umumnya didasarkan pada tujuan peta yang akan dibuat. Dari beberapa sistem proyeksi terse-

but, proyeksi Tranverse Merkator dan proyeksi Universal Tranverse Merkator-lah yang banyak dipakai di Indonesia. Peta-peta produksi Dinas Hidro Oseanografi (Dishidros) umumnya menggunakan proyeksi Tranverse Merkator dengan sistem koordinat Geografi atau UTM atau gabungan keduanya. Sedangkan peta-peta produksi Bakosurtanal umumnya menggunakan proyeksi UTM dengan sistem koordinat UTM atau Geografi atau gabungan keduanya.

Sistem koordinat dalam bidang proyeksi tidak dapat terlepas dari datum yang digunakan. Ada dua macam datum yang umum digunakan dalam perpetaan yaitu datum horisontal dan datum vertikal. Datum horisontal dipakai untuk menentukan koordinat peta (X,Y), sedangkan datum vertikal untuk menentukan elevasi (peta topografi) ataupun kedalaman (peta batimetri). Perhitungan dilakukan dengan transformasi matematis tertentu. Dengan demikian transformasi antar datum, antar sistem proyeksi, dan antar sistem koordinat dapat dilakukan. Untuk datum horisontal, peta umumnya menggunakan datum Padang (ID-74) untuk peta-peta Bakosurtanal, dan menggunakan datum Jakarta (Batavia) untuk peta-peta Dishidros

1.1.10 Cara sinyal dapat menentukan lokasi

Sinyal yang dikirimkan oleh satelit ke GPS akan digunakan untuk menghitung waktu perjalanan (travel time). Waktu perjalanan ini sering juga disebut sebagai Time of Arrival (TOA). Sesuai dengan prinsip fisika, bahwa untuk mengukur jarak dapat diperoleh dari waktu dikalikan dengan cepat rambat sinyal.

Maka, jarak antara satelit dengan GPS juga dapat diperoleh dari prinsip fisika tersebut. Setiap sinyal yang dikirimkan oleh satelit akan juga berisi informasi yang sangat detail, seperti orbit satelit, waktu, dan hambatan di atmosfer. Satelit menggunakan jam atom yang merupakan satuan waktu paling presisi.

Untuk dapat menentukan posisi dari sebuah GPS secara dua dimensi (jarak), dibutuhkan minimal tiga buah satelit. Empat buah satelit akan dibutuhkan agar didapatkan lokasi ketinggian (secara tiga dimensi). Setiap satelit akan memancarkan sinyal yang akan diterima oleh GPS receiver. Sinyal ini akan dibutuhkan untuk menghitung jarak dari masing-masing satelit ke GPS. Dari jarak tersebut, akan diperoleh jari-jari lingkaran jangkauan setiap satelit. Lewat perhitungan matematika yang cukup rumit, interseksi (perpotongan) setiap 21 lingkaran jangkauan satelit tadi akan dapat digunakan untuk menentukan lokasi dari GPS di permukaan bumi.

1.1.11 Penentuan Posisi dengan GPS

Pada dasarnya penentuan posisi dengan GPS adalah pengukuran jarak secara bersama-sama ke beberapa satelit (yang koordinatnya telah diketahui) sekaligus. Untuk menentukan koordinat suatu titik di bumi, receiver setidaknya membutuhkan 4 satelit yang dapat ditangkap sinyalnya dengan baik. Secara default posisi atau koordinat yang diperoleh bereferensi ke global datum yaitu World Geodetic System 1984 atau disingkat WGS'84.

Secara garis besar penentuan posisi dengan GPS ini dibagi menjadi dua metode yaitu metode absolut dan metode relatif.

1. Metode absolut atau juga dikenal sebagai point positioning, menentukan posisi hanya berdasarkan pada 1 pesawat penerima (receiver) saja. Ketelitian posisi dalam beberapa meter (tidak berketelitian tinggi) dan umumnya hanya diperuntukkan bagi keperluan navigasi.
2. Metode relatif atau sering disebut differential positioning, menentukan posisi dengan menggunakan lebih dari sebuah receiver. Satu GPS dipasang pada lokasi tertentu di muka bumi dan secara terus menerus menerima sinyal dari satelit dalam jangka waktu tertentu dijadikan sebagai referensi bagi yang lainnya. Metode ini menghasilkan posisi berketelitian tinggi (umumnya kurang dari 1 meter) dan diaplikasikan untuk keperluan survei geodesi ataupun pemetaan yang memerlukan ketelitian tinggi.

Untuk keperluan survei di wilayah terumbu karang, metode absolut yang menggunakan single receiver tipe navigasi rasanya sudah cukup memadai. Akan tetapi bila ingin mempelajari tentang pergeseran terumbu dari waktu ke waktu misalnya, diperlukan metode relatif dengan menggunakan receiver tipe geodetic. Perbincangan selanjutnya akan lebih ke penentuan posisi dengan GPS receiver tipe navigasi.

Beberapa kesalahan dalam penentuan posisi dengan metode absolut ini antara lain disebabkan oleh : efek multipath, efek selective availability (SA), maupun kesalahan karena ketidak sinkronan antar peta kerja dan setting yang dilakukan saat menggunakan GPS.

1. Multipath adalah fenomena dimana sinyal dari satelit tiba di antenna receiver melalui dua atau lebih lintasan yang berbeda. Hal ini biasa terjadi jika kita melakukan pengukuran posisi di lokasi-lokasi yang dekat dengan benda reflektif, seperti di samping gedung tinggi, di bawah kawat transmisi tegangan tinggi atau lainnya. Untuk mengatasinya : hindari pengamatan dekat benda reflektif, pakai satelit yang benar-benar baik saja, lakukan pengukuran berulang-ulang dan dirata-rata hasilnya.
2. SA adalah teknik pemfilteran yang diaplikasikan untuk memproteksi ketelitian tinggi GPS bagi khalayak umum dengan cara mengacak sinyal - sinyal dari satelit terutama yang berhubungan dengan informasi waktu. Koreksinya hanya dapat dilakukan oleh pihak yang berwenang mengelola GPS ataupun pihak militer Amerika saja. Pihak-pihak lain yang mempunyai ijin untuk menggunakan data berketelitian tinggi biasanya juga diberi tahu cara koreksinya. SA ini merupakan sumber kesalahan paling besar bagi penentuan posisi dengan metode absolut. Namun dengan menerapkan metode relatif (differential positioning) kesalahan tersebut dapat dikurangi. Selain itu belum lama ini pihak militer Amerika telah merevisi kebijakan dalam menerapkan SA ini sehingga saat ini dengan metode absolut-pun ketelitiannya sudah sangat baik dibanding sebelumnya (sudah tidak dalam puluhan meter lagi kesalahannya). Ketidakakuratan posisi karena setting receiver yang tidak pas ini hanya dapat diatasi dengan meng-set parameter GPS saat dipakai sesuai dengan parameter peta kerja yang dipergunakan. Hal tersebut biasanya terkait dengan sistem proyeksi dan koordinat, serta datum yang digunakan dalam peta kerja

1.1.12 Manfaat GPS

Dengan menggunakan GPS, seseorang dapat menandai semua lokasi yang pernah di kunjungi. Ada banyak manfaat yang bisa diambil jika seseorang mengetahui way-point dari suatu tempat. Pertama, orang dapat memperkirakan jarak lokasi yang akan dituju dengan lokasi asal. GPS keluaran terakhir dapat memperkirakan jarak pengguna ke tujuan, sampai estimasi lamanya perjalanan dengan kecepatan aktual yang sedang pengguna tersebut tempuh. Kedua, lokasi di daratan memang cukup mudah untuk dikenali dan diidentifikasi. Namun, jika seseorang kebetulan menemui tempat memancing yang sangat baik di tengah lautan ataupun tempat melihat matahari terbenam yang baik di puncak gunung, bagaimana cara menandai lokasi tersebut agar orang tersebut dapat balik lagi ke lokasi itu di kemudian hari tanpa tersesat. Di saat seperti inilah sebuah GPS akan menunjukkan manfaatnya.

Dengan teknologi GPS dapat digunakan untuk beberapa keperluan sesuai dengan tujuannya. GPS dapat digunakan oleh peneliti, olahragawan, petani, tentara, pilot, petualang, pendaki, pengantar barang, pelaut, kurir, penebang pohon, pemadam kebakaran dan orang dengan berbagai kepentingan untuk meningkatkan produktivitas, keamanan, dan untuk kemudahan.

Dari beberapa pemakaian di atas dikategorikan menjadi:

1. Lokasi, digunakan untuk menentukan dimana lokasi suatu titik dipermukaan bumi berada.
2. Navigasi, membantu mencari lokasi suatu titik di bumi.
3. Tracking, membantu untuk memonitoring pergerakan obyek.
4. Membantu memetakan posisi tertentu, dan perhitungan jaringan terdekat.
5. Timing, dapat dijadikan dasar penentuan jam seluruh dunia, karena memakai jam atom yang jauh lebih presisi di banding dengan jam biasa.

1.1.13 Model dan Interkoneksi GPS

Sebuah GPS juga memiliki firmware yang bisa di-upgrade. Upgrade firmware ini biasanya disediakan pada site produsen GPS tersebut. Upgrade firmware biasanya menggunakan kabel yang dibundel atau-pun tersedia sebagai asesoris. Kabel ini juga ternyata bisa digunakan untuk menghubungkan GPS ke komputer (baik itu notebook, PC, maupun PDA dengan sedikit bantuan konverter). Software GPS yang tersedia untuk berbagai platform tersebut juga cukup banyak. Dengan software tersebut, dapat dengan mudah mengunduh informasi dari GPS. Memori sebuah GPS memang relatif terbatas, sehingga kemampuan ekstra untuk menyimpan informasi yang pernah ditempuh ke PC/PDA (yang biasanya memiliki memori lebih besar) tentu akan sangat menyenangkan. Untuk media komunikasi GPS dengan hardware lain selain kabel, model GPS sekarang juga ada yang dilengkapi dengan Bluetooth, Infrared. Berdasarkan fisik, model GPS dibagi menjadi beberapa tipe antara lain

model portable/handheld(ukurannya menyerupai ponsel), ada yang lebih besar (biasanya digunakan di mobil/kapal), ada pula yang menggunakan interface khusus untuk dikoneksikan ke notebook maupun PDA (Palm, Pocket PC maupun Nokia Communicator).

GPS untuk keperluan diluar ruangan biasanya juga dilengkapi dengan perlindungan anti air dan tahan benturan. Beberapa GPS keluaran terakhir bahkan sudah menyediakan layar warna dan kemampuan komunikasi radio jarak pendek (FRS/-Family Radio Service). Tentu saja, semakin banyak feature yang ditawarkan pada sebuah GPS maka semakin tinggi pula harganya

1.1.14 Istilah-istilah yang Penting pada GPS

Beberapa istilah penting yang penting untuk diketahui yang berhubungan dengan GPS :

1. Waypoint : Istilah yang digunakan oleh GPS untuk suatu lokasi yang telah ditandai. Waypoint terdiri dari koordinat lintang (latitude) dan bujur (longitude). Sebuah waypoint biasa digambarkan dalam bentuk titik dan simbol sesuai dengan jenis lokasi.
2. Mark : Menandai suatu posisi tertentu pada GPS. Jika menandai lokasi menjadi waypoint, maka dikatakan telah melakukan marking.
3. Route : Kumpulan waypoint yang ingin seseorang tempuh secara berurutan dan dimasukkan ke dalam GPS.
4. Track : Arah perjalanan yang sedang ditempuh dengan menggunakan GPS. Biasanya digambarkan berupa garis pada display GPS.
5. Elevation : Istilah pada GPS untuk menentukan ketinggian. Ada dua jenis pengukur ketinggian pada GPS, yaitu menggunakan alat klasik barometer atau menggunakan perhitungan satelit. Pengukuran ketinggian menggunakan barometer jauh lebih akurat di udara bebas, namun tidak bisa bekerja dalam pesawat atau ruang vakum lainnya. Ini disebabkan oleh perbedaan tekanan udara dalam ruang vakum dengan tekanan udara di luar. Pengukuran ketinggian menggunakan satelit akan lebih akurat pada tempat seperti itu
6. Bearing : Arah/posisi yang ingin dituju. Contohnya, A ingin menuju ke suatu lokasi di posisi B yang letaknya di Utara, maka bearing A dikatakan telah diset ke Utara.
7. Heading : Arah aktual yang sedang dijalankan. Contohnya, saat menuju ke posisi B tadi, A menemui halangan sehingga harus memutar ke selatan terlebih dahulu, maka heading A pada saat itu adalah selatan.

1.1.15 Bagian-bagian Daerah Kerja GPS

GPS terdiri atas tiga segmen yaitu space segment, control segment, user segment, dengan penjelasan sebagai berikut:

1. Space Segment Space segment terdiri atas konstelasi 24 satelit. Masing-masing satelit mengirimkan sebuah sinyal, yang memiliki sejumlah komponen: dua buah gelombang sinus (yang juga dikenal sebagai carrier frequency / frekuensi pembawa), dua kode digital, dan sebuah pesan navigasi. Pesan kode dan navigasi ditambahkan ke dalam pembawa sebagai modulasi dua fasa biner. Pembawa dan kode digunakan terutama untuk menentukan jarak dari receiver pengguna sampai ke satelit GPS. Pesan navigasi berisi koordinat (lokasi) satelit sebagai fungsi waktu bersama dengan informasi-informasi lain
2. Control Segment Segmen kontrol dari sistem GPS terdiri atas jaringan lima stasiun pemantau di seluruh pelosok dunia, dengan stasiun kontrol utama (master control station/MCS) berlokasi di dekat Colorado Springs, Colorado, Amerika Serikat. Tugas utama segmen kontrol operasional adalah menjejaki satelit GPS dengan tujuan untuk menentukan dan memprediksikan lokasi satelit, integritas sistem, jam atom satelit, data atmosfer, perkiraan satelit, dan pertimbangan-pertimbangan lain. Informasi ini kemudian digabungkan dan di-upload ke satelit GPS melalui jalur S-band
3. User Segment User segment mencakup semua pengguna baik militer maupun sipil. Dengan sebuah penerima GPS yang terhubung dengan antena GPS, seorang pengguna dapat menerima sinyal GPS, yang dapat digunakan untuk menentukan posisi pengguna tersebut di manapun di bumi. Saat ini GPS tersedia bagi siapapun di seluruh dunia tanpa biaya apapun

1.1.16 Cara Kerja GPS

Secara teoritis, GPS bekerja dengan cara mengumpulkan data dari satelit, masing-masing satelit akan memberikan informasi jarak antara lokasi satelit tersebut dengan sebuah titik di bumi (GPS receiver). Dari proses pengambilan lokasi-lokasi tersebut akan diperoleh koordinat-koordinat yang disebut waypoint (garis lintang dan bujur pada peta). Dari semua data itu, lokasi titik (GPS receiver) dapat ditentukan dengan cara menerapkan konsep triangulasi. Konsep triangulasi dapat dianalogikan seperti berikut. A ingin datang ke di Gedung G, A tidak tahu di mana letak gedung itu. Ia hanya punya informasi bahwa Gedung G terletak 10 km dari Universitas X, 15 km dari Pasar Y dan 20 km dari Terminal Z. Dengan menggambar tiga lingkaran yang berpusat di Universitas X, Pasar Y dan Terminal Z, masing-masing dengan radius 10, 15 dan 20 km. Di titik perpotongan ketiga lingkaran itulah terletak Gedung G. Dalam hal ini, alat penerima akan berada pada titik potong tiga bidang bola; masing-masing dengan radius sebesar jarak alat penerima ke satelit, dengan satelit itu sebagai pusat bola. Dengan demikian, posisi titik itu dapat diketahui dengan titik perpotongan ketiga lingkaran tersebut.

Pada praktiknya, satelit yang digunakan minimum 3 buah dan satelit keempat dibutuhkan untuk perhitungan sinkronisasi clock dari penerima GPS. Akurasi yang diperoleh dengan metode ini terbatas pada 100 meter untuk komponen horizontal, 156 meter untuk vertikal, dan 340 nanodetik untuk komponen waktu, semua pada tingkat probabilitas sebesar 95%. Tingkat keakuratan yang rendah ini diakibatkan oleh teknik selective availability, yaitu teknik yang digunakan untuk menurunkan akurasi posisi waktu nyata bagi pengguna yang tak berhak. Dengan keputusan pemerintah Amerika Serikat tanggal 1 Mei 2000 untuk penghentian selective availability, akurasi horizontal dapat naik menjadi 22 meter (dengan tingkat probabilitas 95%). Untuk lebih lagi meningkatkan akurasi GPS, digunakan metode diferensial, yang menggunakan dua alat penerima bersamaan. Dalam kasus ini, tingkat keakuratan yang diperoleh mencapai beberapa meter saja

1.1.17 Menentukan Posisi dari Receiver ke Satelit GPS

Sebuah GPS receiver mengetahui lokasi dari satelit dengan cara menghitung seberapa jauh jarak antara satelit dan receiver dengan menggunakan rumus sebagai berikut : $\text{Kecepatan} \times \text{Waktu} = \text{Jarak}$ (2-1) Keterangan: Kecepatan = kecepatan gelombang mikro yang dikirimkan dari satelit, Waktu = waktu yang dibutuhkan dari satelit mengirimkan sinyal hingga diterima GPS receiver, Jarak = jarak antara satelit dengan GPS receiver. Dari diketahui jarak antara receiver dengan satelit, maka dapat ditentukan posisi receiver dengan cara mengirimkan balik sinyal ke satelit sehingga membentuk suatu lingkaran dari ketiga satelit yang ada. TTFF (Time to First Fix) TTFF (Time to First Fix) adalah waktu yang diperlukan oleh sebuah GPS receiver untuk mengetahui posisinya saat ini. TTFF bergantung pada mode boot up mode GPS apakah hot start, warm start, atau cold start. Secara umum factor-faktor yang mempengaruhi boot mode antara lain sebagai berikut

- Adanya data almanac dan ephemeris yang valid.
- Kuat sinyal yang diterima receiver.
- Posisi receiver dari tempat terakhir dimana dia fix atau memperoleh data yang valid (sekitar 100 km dari tempat terakhir dia memperoleh data yang valid).
- Waktu terakhir fix atau memperoleh data yang valid.

Setiap satelit GPS melakukan broadcast pesan navigasi dengan kecepatan 50 bit/s yang berisi kondisi informasi satelit GPS (ditransmisikan pada bagian pertama dari pesan), data ephemeris (ditransmisikan pada bagian kedua dari pesan), dan data almanac (ditransmisikan pada bagian akhir dari pesan). Pesan dikirim dalam frame dimana masing-masing frame memerlukan waktu 30 detik untuk mengirimkan 1500 bit. Setiap frame terdiri 5 subframe dengan lama 6 detik dan panjang 300 bit. Setiap subframe terdiri dari 10 words yang masing-masing terdiri dari 30 bit dengan masing-masing memerlukan 0,6 detik untuk dikirimkan.

Word 1 dan 2 dari setiap subframe memiliki tipe data yang sama. Word pertama mengindikasikan awal dari sebuah subframe dan digunakan oleh receiver untuk

melakukan sinkronisasi dengan pesan navigasi. Word kedua merupakan handover word yang memiliki informasi waktu yang memungkinkan receiver untuk mengidentifikasi subframe dan memberitahukan waktu pengiriman subframe selanjutnya.

Word 3 sampai 10 dari subframe 1 terdiri atas data yang menjelaskan clocksatelit dan hubungan dengan waktu GPS. Word 3 sampai 10 dari subframe 2 dan 3 terdiri dari data ephemeris yang menunjukkan letak pasti dari satelit tersebut. Data ephemeris diperbaharui setiap sekitar 2 jam

Almanac terdiri dari posisi kasar (tidak begitu akurat) dan informasi status dari setiap satelit. Word 3 sampai 10 pada subframe 4 dan 5 terdiri dari sebuah bagian baru dari data almanac. Setiap frame memiliki 1/25 data almanac sehingga diperlukan waktu selama 12,5 menit untuk memperoleh almanac keseluruhan dari tiap satu satelit. Data almanac memiliki beberapa fungsi yakni untuk membantu penemuan satelit pada penyalaan atau membantu untuk memprediksi satelit mana yang terlihat dengan mengizinkan receiver untuk memberikan daftar satelit yang terlihat berdasarkan posisi dan waktu yang tersimpan sehingga mempersingkat waktu akuisisi. Data almanac akan disimpan di non-volatile memory. Sementara itu data ephemeris dari setiap satelit diperlukan untuk menghitung posisi menggunakan satelit tersebut. Jika receiver tidak memiliki data almanac maka akan menyebabkan waktu delay yang lama sebelum memperoleh posisinya yang valid karena dilakukan pencarian terhadap masing-masing satelit merupakan proses yang lambat. Ketika sebuah GPS receiver sudah pernah fix dan dimatikan, posisi dan data yang valid akan disimpan. Ketika receiver dihidupkan kembali, dia akan berusaha untuk menggunakan informasi yang telah tersimpan dalam almanac untuk memprediksi satelit mana yang terlihat. Jika receiver telah berpindah terlalu jauh atau internal clock sudah tidak aktif (GPS tidak aktif dari 3 hari sebelumnya), maka data yang tersimpan tidak dapat digunakan untuk membantu memprediksi lokasi satelit.

GPS memiliki beberapa mode start up, yaitu:

- Mode Cold Start : GPS melakukan startup dalam mode ini ketika:
 - Receiver telah berpindah lebih dari 100 km dari lokasi fix terakhir.
 - Waktu saat ini tidak akurat atau tidak diketahui.
 - Sinyal yang diterima lemah. Satelit yang diprediksi secara fisik ada di atas atau terlihat tetapi receiver tidak bisa melihatnya misalnya karena adanya bangunan yang tinggi atau halangan lainnya

Situasi-situasi seperti di atas memiliki arti bahwa receiver tidak bisa memprediksi dan/atau membuktikan satelit mana yang terlihat. Receiver kemudian mencari semua satelit dan mencoba untuk memperolehnya secara bergantian. TTFF untuk cold start bisa mencapai belasan menit.

- Mode Warm Start : GPS melakukan startup dalam mode ini ketika:
 - Tidak ada data ephemeris yang tersimpan.
 - Waktu saat ini diketahui (GPS pernah aktif dalam tiga hari terakhir). .
 - Lokasi saat ini tidak lebih dari 100 km dari lokasi fix terakhir.

- Memiliki alamat yang valid.
- Terdapat 4 atau lebih satelit dengan HDOP ≤ 6 dan kekuatan sinyal yang bagus (misalnya satelit memiliki geometri yang bagus dan bisa melihat langit secara langsung).

Receiver bisa memprediksi satelit mana yang terlihat tetapi perlu untuk memperoleh data ephemeris saat ini terlebih dahulu. TTFF untuk mode start ini biasanya sekitar 45 detik.

- Mode Hot Start : GPS receiver start up dengan mode hot start jika kondisi warm start terpenuhi dan ketika
 - Sudah fix dalam 2 jam terakhir.
 - Receiver memiliki data ephemeris yang valid minimal untuk 5 satelit

Dalam mode ini, receiver dengan cepat mengetahui satelit yang terlihat dan hanya perlu memperoleh data yang sedikit untuk mengetahui posisinya. TTFF untuk hot start biasanya 22 detik

TTFF bisa juga dipengaruhi oleh konstelasi atau posisi satelit. Semakin banyak satelit dalam lokasi yang bagus mengurangi TTFF dan meningkatkan akurasi. Minimal dibutuhkan 4 satelit untuk fix. Dengan 5 atau lebih dibutuhkan untuk kualitas fix yang lebih bagus. GPS bekerja dengan konsep triangulasi. Satelit yang berada tepat di atas (sudut elevasi 90°) memberikan hasil yang lebih tidak akurat dibandingkan dengan satelit dengan sudut elevasi yang lebih rendah. Namun sinyal dari satelit yang terlalu lemah pada langit yang harus melewati atmosfer bumi akan mengurangi akurasi juga.

1.1.18 Ketidakakuratan pada GPS

Sistem GPS telah didesain untuk seakurat mungkin, tetapi masih ada penyimpangan yang terjadi. Ada banyak penyebab dari penyimpangan ini, yaitu :

1. Kondisi Atmosfer Kondisi atmosfer yang berubah mengakibatkan kecepatan sinyal GPS berubah karena sinyal tersebut melewati atmosfer bumi dan ionosfer sehingga kecepatan gelombang mikro dari satelit akan berubah, yang akan mempengaruhi perhitungan jarak menjadi tidak akurat.
2. Ephemeris Error dan Clock Error Sinyal pada GPS membawa informasi tentang error pada ephemeris (posisi secara orbital).
3. Selective Availability Selective Availability (SA) adalah teknik yang digunakan untuk menurunkan akurasi posisi waktu nyata bagi pengguna yang tak berhak, dimana merupakan suatu penyimpangan posisi yang disengaja dari sekitar 0 sampai ribuan kaki ke dalam sinyal navigasi yang ada secara umum. SA ini bisa dihilangkan dengan cara koreksi secara differensial.

4. Multipath Signal yang mengalami pantulan akibat memasuki atmosfer bumi ketika menuju ke antena GPS
5. Dilution Of Precision (DOP) DOP merupakan sebuah indikator kualitas dari geometri pada konstelasi satelit. Perhitungan sebuah posisi bisa berbeda-beda tergantung pada satelit mana yang sedang digunakan. Perbedaan geometri satelit bisa memperbesar atau bahkan memperkecil error pada GPS. Semakin besar sudut antara satelit yang satu dengan yang lainnya maka akan memperkecil nilai DOP, dan menghasilkan pengukuran yang lebih baik. Nilai yang tinggi pada DOP berarti mengindikasikan geometri yang buruk pada satelit. Format Kalimat GPS Perusahaan-perusahaan pembuat GPS memiliki format kalimat masing-masing untuk menyimpan hasil pengukuran GPS, sehingga sulit untuk menggabungkan data dari alat GPS yang berbeda. Masalah yang mirip terjadi saat ingin melakukan antar-muka terhadap berbagai alat yang berbeda, termasuk sistem GPS. Untuk mengatasi masalah ini, banyak peneliti yang membuat format standar untuk berbagai keperluan penggunaannya. Format standar yang banyak digunakan saat ini ada empat, yaitu
 - (a) RINEX : RINEX dibuat oleh sekelompok peneliti untuk mengatasi kesulitan mengkombinasikan data biner dari penerima GPS yang berbeda. Data RINEX merupakan format standar ASCII, sehingga memakan tempat yang lebih banyak dalam penyimpanannya
 - (b) NGS-SP3 : NGS-SP3 dibangun oleh U.S. NGS yang merupakan akronim dari Standard Product 3, yang datanya berupa dokumen ASCII yang berisi data orbital yang presisi dan koreksi clock satelit yang bersangkutan
 - (c) RTCM SC-104 untuk Layanan DGPS : Format ini merupakan format standar industri untuk mengirimkan koreksi waktu nyata DGPS yang diajukan oleh Radio Technical Commission for Maritime Services untuk memastikan operasi yang efisien dan koreksi pseudorange
 - (d) NMEA 0183 : NMEA merupakan akronim dari National Marine Electronics Association, yang formatnya diadopsi sebagai format untuk antar-muka alat-alat elektronik kelautan. Format ini juga menggunakan data dalam format ASCII

GPS yang merupakan kependekan dari Global Positioning System (GPS), adalah suatu sistem radio navigasi dan penentuan posisi yang berbasis satelit yang dapat digunakan oleh banyak orang sekaligus dalam segala cuaca, serta didesain untuk memberikan posisi dan kecepatan tiga dimensi yang teliti, dan juga informasi mengenai waktu, secara kontinyu di seluruh dunia. (Abidin, 1995). Selain itu, GPS adalah sistem untuk menentukan posisi di (GPS) adalah

system untuk menentukan posisi dipermukaan bumi dengan bantuan sinkronisasi sinyal satelit. Sistem ini menggunakan satelit permukaan bumi dengan bantuan sinkronisasi sinyal satelit. Sistem ini menggunakan satelit yang mengirimkan sinyal gelombang mikro ke Bumi. Sinyal ini diterima oleh alat penerima yang mengirimkan sinyal gelombang mikro ke Bumi. Sinyal ini diterima oleh alat penerima dipermukaan, dan digunakan untuk menentukan posisi, kecepatan, arah, dan permukaan, dan digunakan untuk menentukan posisi, kecepatan, arah, dan waktu. Untuk dapat mengetahui posisi seseorang maka diperlukan alat yang bernama GPS. Untuk dapat mengetahui posisi seseorang maka diperlukan alat yang bernama GPS receiver yang berfungsi untuk menerima sinyal yang dikirim dari satelit GPS. Posisi diubah menjadi titik yang dikenal dengan nama Way-point nantinya akan berupa titik-titik koordinat menjadi titik yang dikenal dengan nama Way-point nantinya akan berupa titik-titik koordinat lintang dan bujur dari posisi seseorang atau suatu lokasi kemudian di layar pada peta lintang dan bujur dari posisi seseorang atau suatu lokasi kemudian di layar pada peta elektronik.

1.1.19 SEGMENT PADA SATELIT GPS

Sistem GPS yang nama aslinya NAVSTAR GPS (Sistem GPS yang nama aslinya NAVSTAR GPS (Navigational Satellite Timing and Ranging Navigational Satellite Timing and Ranging Global Positioning System Global Positioning System) mempunyai tiga segmen yaitu : satelit, pengontrol dan) mempunyai tiga segmen yaitu : satelit, pengontrol dan penerima/pengguna. Satelit GPS yang mengorbit bumi, dengan orbit dan kedudukan yang tetap penerima/pengguna. Satelit GPS yang mengorbit bumi, dengan orbit dan kedudukan yang tetap (koordinatnya pasti). (koordinatnya pasti).

- Satelit Satelit Satelit bertugas untuk menerima dan menyimpan data yang ditransmisikan oleh Satelit bertugas untuk menerima dan menyimpan data yang ditransmisikan oleh stasiun-stasiun pengontrol, menyimpan dan menjaga informasi waktu berketelitian tinggi yang ditentukan dengan jam atomik di stasiun-stasiun pengontrol, menyimpan dan menjaga informasi waktu berketelitian tinggi yang ditentukan dengan jam atomik di satelit dan memancarkan sinyal dan informasi secara kontinu satelit dan memancarkan sinyal dan informasi secara kontinu ke pesawat (receiver) dari pengguna. ke pesawat (receiver) dari pengguna
- Pengontrol Pengontrol Pengontrol bertugas untuk mengendalikan dan mengontrol satelit dari bumi baik Pengontrol bertugas untuk mengendalikan dan mengontrol satelit dari bumi baik untuk mengecek kesehatan satelit, penentuan dan prediksi orbit dan waktu, sinkronisasi waktu untuk mengecek kesehatan satelit, penentuan dan prediksi orbit dan waktu, sinkronisasi waktu antar satelit, dan mengirim data ke satelit. antar satelit, dan mengirim data ke satelit

- PenerimaPenerimaPenerima bertugas menerima data dari satelit dan memprosesnya untuk menentukanPenerima bertugas menerima data dari satelit dan memprosesnya untuk menentukanposisi (posisi dari tiga dimensi yaitu koordinat di bumi plus ketinggian), arah, jarak dan waktuposisi (posisi dari tiga dimensi yaitu koordinat di bumi plus ketinggian), arah, jarak dan waktu yang diperlukan oleh pengguna yang diperlukan oleh pengguna

1.1.20 Kelebihan GPS

1. Dapat menandai semua lokasi yang pernah dikunjungi oleh pengguna
2. Dapat memperkirakan jarak lokasi yang dituju oleh pengguna dengan mengetahui lokasinya, GPS juga dapat memperkirakan estimasi lamanya perjalanan dengan kecepatan aktual yang sedang ditempuh oleh pengguna
3. Dimana posisi pengguna, entah itu di tengah laut atau pegunungan, di atas gunung sampai di pusat kota, selama GPS dapat menerima sinyal dari satelit secara langsung tanpa halangan, maka GPS akan selalu memberikan informasi koordinat posisi pengguna

1.1.21 Kekurangan GPS

1. GPS harus berada di luar ruangan yang menghadap langit terbuka, halangan-halangan seperti pohon, gedung, kaca atau disaat pengguna berada di dalam kendaraan akan mengurangi akurasi sinyal yang diterima oleh receiver GPS, bahkan receiver GPS juga bisa tidak bisa menerima sinyal sama sekali
2. Banyak gangguan yang dapat menurunkan kualitas sinyal GPS sehingga akan mempengaruhi ketelitian pengukuran, diantaranya adalah delay ionosfer, sinyal-multipath, kesalahan orbital, geometri
3. Adanya penurunan kualitas sinyal satelit, yaitu penurunan kualitas sinyal yang dikedakan oleh pejabat Amerika Serikat untuk mencegah musuh militer dari penggunaan sinyal GPS yang akurat
4. Adanya kesalahan orbital, yaitu kesalahan efemeris yang merupakan ketidakakuratan lokasi yang dilaporkan oleh satelit penerima GPS
5. Kesalahan jam penerima dapat menyebabkan kesalahan waktu
6. Delay ionosfer, yaitu atmosfer yang mengalami perubahan dalam hal temperatur, tekanan, kelembaban, dan perubahan cuaca, yang menyebabkan sinyal satelit GPS terlambat sampai ke atmosfer
- 7.

BAB 2

KEBUTUHAN



Gambar 2.1 Logo PHP

2.0.1 Apa itu PHP?

PHP merupakan salah satu dari sekian banyak bahasa pemrograman web yang paling umum digunakan dalam pengembangan suatu web. Biasanya dalam implementasinya PHP sering digabungkan atau disisipkan dalam dokumen HTML. PHP memiliki kepanjangan yaitu PHP: Hypertext Preprocessor. Bahasa pemrograman ini bersi-

fat server-side. Arti dari Server-side programming sendiri yaitu script/program tersebut akan dijalankan/diproses oleh server.

2.0.2 Sejarah PHP

Pada awalnya PHP merupakan kependekan dari Personal Home Page (Situs personal). PHP pertama kali dibuat oleh Rasmus Lerdorf pada tahun 1995. Pada waktu itu PHP masih bernama Form Interpreted (FI), yang wujudnya berupa sekumpulan skrip yang digunakan untuk mengolah data formulir dari web.

Selanjutnya Rasmus merilis kode sumber tersebut untuk umum dan menamakannya PHP/FI. Dengan perilis kode sumber ini menjadi sumber terbuka, maka banyak pemrogram yang tertarik untuk ikut mengembangkan PHP.

Pada November 1997, dirilis PHP/FI 2.0. Pada rilis ini, interpreter PHP sudah diimplementasikan dalam program C. Dalam rilis ini disertakan juga modul-modul ekstensi yang meningkatkan kemampuan PHP/FI secara signifikan.

Pada tahun 1997, sebuah perusahaan bernama Zend menulis ulang interpreter PHP menjadi lebih bersih, lebih baik, dan lebih cepat. Kemudian pada Juni 1998, perusahaan tersebut merilis interpreter baru untuk PHP dan meresmikan rilis tersebut sebagai PHP 3.0 dan singkatan PHP diubah menjadi akronim berulang PHP: Hypertext Preprocessing.

Pada pertengahan tahun 1999, Zend merilis interpreter PHP baru dan rilis tersebut dikenal dengan PHP 4.0. PHP 4.0 adalah versi PHP yang paling banyak dipakai pada awal abad ke-21. Versi ini banyak dipakai disebabkan kemampuannya untuk membangun aplikasi web kompleks tetapi tetap memiliki kecepatan dan stabilitas yang tinggi.

Pada Juni 2004, Zend merilis PHP 5.0. Dalam versi ini, inti dari interpreter PHP mengalami perubahan besar. Versi ini juga memasukkan model pemrograman berorientasi objek ke dalam PHP untuk menjawab perkembangan bahasa pemrograman ke arah paradigma berorientasi objek. Peladen web bawaan ditambahkan pada versi 5.4 untuk mempermudah pengembang menjalankan kode PHP tanpa menginstal peladen perangkat lunak.

Versi terbaru dan stabil dari bahasa pemrograman PHP saat ini adalah versi 7.4.3 yang dirilis pada tanggal 20 Februari 2020

2.0.3 Sekilas tentang pembuat PHP : Rasmus Lerdorf



Gambar 2.2 Creator PHP Rasmus Lerdorf

Rasmus Lerdorf merupakan seorang programmer yang berasal dari Denmark. Dia membuat dan membantu dalam hal pengkodean bahasa PHP, terutama pada 2 versi awal yang kemudian dikembangkan secara grup bersama dengan Jim Winstead (Yang membuat blo.gs), Stig Bakken, Shane Caraveo, Andi Gutmans, dan juga Zeev Suraski. sampai sekarang ia terus berkontribusi pada proyek.

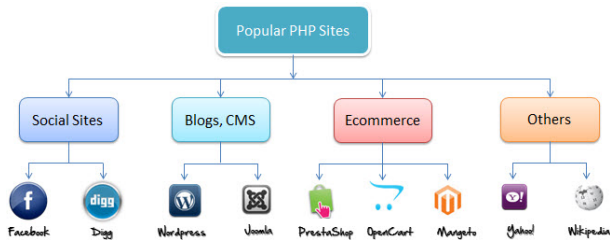
Lerdorf lahir di pulau disko di daerah Greenland dan kemudian pindah ke Denmark pada awal hidupnya. kelaarganya pindah dari Kanada ke Denmark pada tahun 1980, lalu pindah lagi ke kota King di Ontario pada tahun 1983. Dia lulus dari SMA King City pada tahun 1988, dan pada tahun 1993 lulus dari Universitas Waterloo dengan gelar Bachelor of Applied Science di bidang teknik desain sistem. Dia juga ikut berkontribusi dalam Apache HTTP Server dan menambahkan clausa Limit pada mSQL DBMS.

Dari September 2002 sampai November 2009, Lerdorf bekerja di perusahaan Yahoo sebagai Infrastructure Architecture Engineer. Pada tahun 2010 kemudian bergabung ke perusahaan WePay untuk mengembangkan API (Application Programming Interface). dan pada tahun 2011 ia menjadi seorang konsultan untuk beberapa startup. Kemudian pada 22 Februari 2012 ia bergabung dengan Etsy, sebuah website e-commerce yang berfokus pada hal hal vintage. Dan pada tahun 2013, Rasmus bergabung dengan Jelastic sebagai Senior Advisor untuk membantu mereka mengembangkan teknologi baru.

Selain itu Lerdorf juga sering menjadi pembicara dalam konferensi open source di berbagai belahan dunia. Beberapa topik yang sering dia bahas diantaranya adalah security vulnerabilities dan juga tentang PHP.

Pada tahun 2003, ia di beri penghargaan oleh MIT Technology Review sebagai salah satu dari 100 inovator di dunia yang berada dibawah umur 35

2.0.4 Website yang menggunakan PHP



Gambar 2.3 Website dengan bahasa PHP

2.0.5 Contoh Kode PHP

```
<?php
    echo "Halo dunia";
?>
```

Gambar 2.4 Program Hello world yang ditulis dengan PHP

2.0.6 Kelebihan PHP

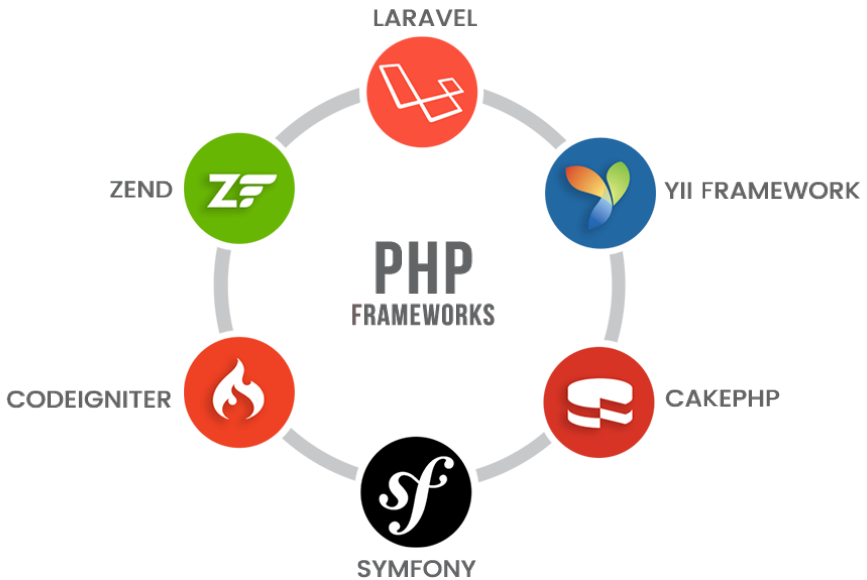
- Bahasa Pemrograman PHP dapat ditemukan di mana - mana.
- Proses pengembangan lebih mudah, karena komunitas yang bisa dibilang besar dan mendukung.
- PHP adalah bahasa scripting yang paling mudah karena memiliki referensi yang banyak dan lengkap.
- PHP adalah bahasa open source yang dapat digunakan di berbagai mesin (Linux, Unix, Macintosh, Windows).
- Ringkas dan ringan
- Maintenance Mudah

2.0.7 Kekurangan PHP

- Banyak kompetisi, karena PHP adalah bahasa pemrograman yang paling umum
- Terkesan kurang prestigious.
- Tidak ideal jika untuk pengembangan skala besar.
- PHP mempunyai kelemahan security tertentu.

2.0.8 Referensi belajar PHP

- php.net
- sitepoint.com
- tutorialspoint.com/php/



Gambar 2.5 Framework PHP

2.0.9 Apa itu Framework?

PHP Framework adalah suatu kerangka kerja yang telah terbentuk dan tersusun untuk memudahkan proses pengembangan website secara profesional.

Namun perlu diketahui, bahwa PHP Framework memiliki perbedaannya tersendiri jika dibandingkan dengan sebuah CMS (Content Management System). Meskipun pada dasarnya mereka sama-sama memudahkan dalam hal yang sama yaitu pembuatan website. Tetapi untuk CMS kita tidak perlu repot-repot dan pusing-pusing menulis script maupun sekumpulan kode. Dengan fitur CMS, semuanya telah dibuat instan dan kita hanya perlu sedikit mengatur bagian konten dan interface-nya saja.

Berbeda dengan Framework, kita tetap harus menuliskan script dan sekumpulan kode untuk dapat membangun sebuah web.

2.0.10 Mengapa harus menggunakan Framework?

- Mempercepat proses pengembangan web

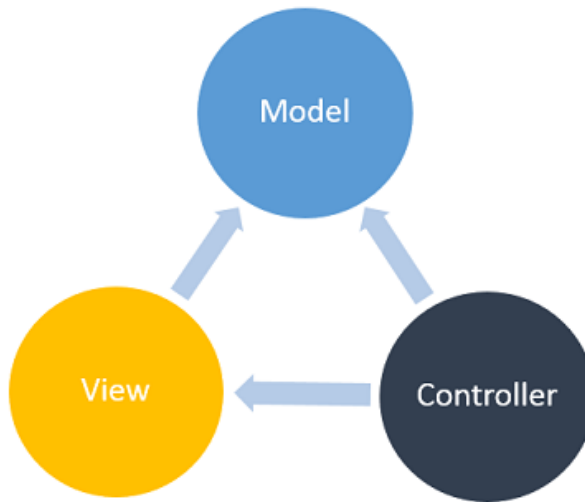
- Kode yang terorganisir dan dapat digunakan terus menerus (reusable).
- Lebih mudah dalam proses maintenance.
- Lebih aman dalam hal sekuriti
- Menggunakan pola MVC (model - view - controller) yang memisahkan antara presentation dan logic
- Konsep web development modern seperti object oriented programming.



Gambar 2.6 Logo Codeigniter

2.0.11 Pengenalan Codeigniter

CodeIgniter sendiri merupakan salah satu framework php yang bersifat aplikasi sumber terbuka (Open Source) dengan model MVC (Model, View, Controller) yang digunakan untuk mengembangkan situs web yang dinamis. CodeIgniter mempermudah proses pengembang web untuk membuat aplikasi web dengan waktu yang lebih cepat dan mudah dibandingkan dengan membuatnya dari awal. CodeIgniter dirilis pertama kali pada 28 Februari 2006.



Gambar 2.7 MVC Concept

2.0.12 Konsep MVC (Model View dan Controller)

Model View Controller merupakan suatu konsep yang cukup populer dalam mengembangkan suatu aplikasi web, Konsep MVC ini mencoba memisahkan pengembangan aplikasi berdasarkan komponen-komponen utama dalam membuat suatu aplikasi seperti misalkan bagian untuk pemrosesan/manipulasi data, tampilan , dan bagian untuk kontrol aplikasi. Terdapat 3 jenis komponen yang membangun suatu pola MVC dalam suatu aplikasi yaitu:

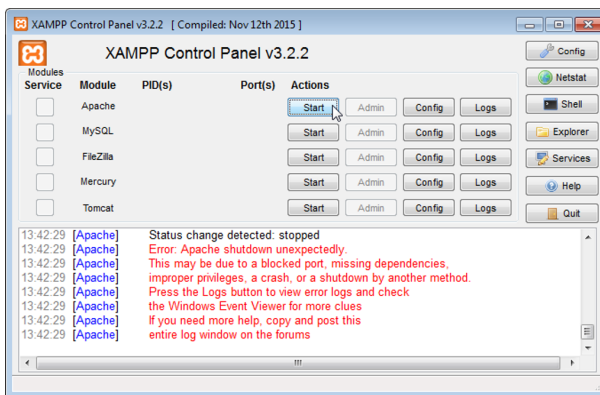
1. View, merupakan bagian yang akan ditampilkan dan dilihat oleh pengguna. Biasanya, yang ditampilkan adalah dokumen HTML yang diatur oleh controller. View berfungsi untuk menerima dan merepresentasikan data kepada pengguna. Bagian view tidak dapat memiliki akses pada bagian model.
2. Model, Berhubungan langsung dengan proses CRUD (Create, Read, Update, Delete), serta search. Model juga menangani validasi dari bagian controller, tetapi berhubungan langsung dengan view.
3. Controller, merupakan bagian yang menghubungkan model dan juga view, controller berperan dalam menerima data dari view kemudian memprosesnya untuk dikirim ke bagian model.

2.0.13 Kelebihan dan Kekurangan Codeigniter

- Kelebihan

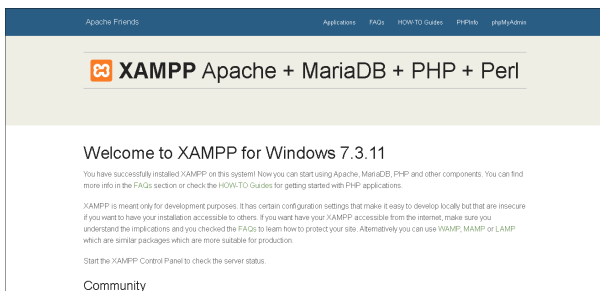
- Performa sangat cepat.
 - Konfigurasi yang sangat minim
 - Komunitas yang aktif dan mendukung
 - Dokumentasi yang sangat lengkap
- Kekurangan
 - CodeIgniter tidak ditujukan untuk pembuatan web dengan skala besar.
 - Tidak Adanya Editor Khusus.

2.0.14 Instalasi Codeigniter

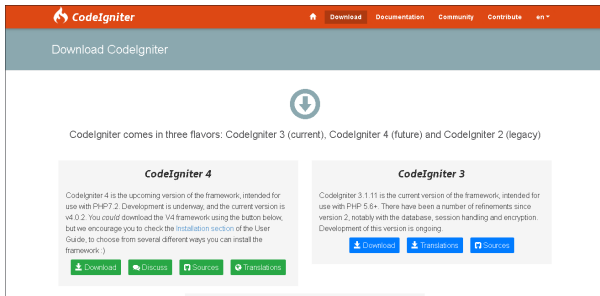


Gambar 2.8 Tampilan Xampp

- Download Xampp terlebih dahulu di <https://www.apachefriends.org/>
- Kemudian install Xampp





Gambar 2.9 Tampilan web Xampp jika berhasil instalasi













Gambar 2.10 Website Codeigniter

- Kemudian, dilanjutkan dengan instalasi codeigniter dengan cara mendownload terlebih dahulu codeigniter-nya di <https://codeigniter.com/en/download>

 bci-ci-CodeIgniter-b73eb19	9/19/2019 7:08 PM	File folder	
 bci-ci-CodeIgniter-3.1.11-0-gb73eb19.zip	2/27/2020 1:48 PM	Compressed (zip...	2,694 KB

Gambar 2.11 Ekstrak File

- ekstrak file yang telah di download
- berikut adalah hasil ekstrak file

 application	9/19/2019 7:08 PM	File folder	
 system	9/19/2019 7:08 PM	File folder	
 user_guide	9/19/2019 7:08 PM	File folder	
 .editorconfig	9/19/2019 7:08 PM	Editor Config Sour...	1 KB
 .gitignore	9/19/2019 7:08 PM	Text Document	1 KB
 composer.json	9/19/2019 7:08 PM	JSON Source File	1 KB
 contributing.md	9/19/2019 7:08 PM	Markdown Source...	7 KB
 index.php	9/19/2019 7:08 PM	PHP Source File	11 KB
 license.txt	9/19/2019 7:08 PM	Text Document	2 KB
 readme.rst	9/19/2019 7:08 PM	RST File	3 KB

Gambar 2.12 Hasil Ekstrak File



Gambar 2.13 API

2.0.15 Pengenalan API

API merupakan singkatan yang memiliki kepanjangan yaitu Application Programming Interface, API ini digunakan oleh developer untuk melakukan proses integrasi dua bagian dari satu atau lebih aplikasi yang berbeda secara bersamaan. API terdiri dari hal-hal seperti function, protocols, dan juga tools.

Tujuan dari penggunaan API sendiri adalah untuk mempercepat proses pengembangan dari suatu project dengan cara menyediakan beberapa function secara terpisah sehingga para pengembang tidak diperlukan untuk membuat function dengan fungsi tertentu dari awal, langsung pakai saja.

Penerapan API akan memiliki dampak yang signifikan jika fitur yang berkaitan sudah semakin kompleks yang pastinya akan membutuhkan waktu apabila harus memulainya dari awal hanya sekedar untuk membuat function yang memiliki fungsi yang sama dengan API yang telah ada

2.0.16 Fungsi API

API memiliki fungsi untuk menyediakan function yang lebih terstruktur serta terbaca dan mudah dipahami oleh seorang programmer. Hal ini merupakan hal yang krusial, terutama pada bagian editing serta pengembangan suatu projek

2.0.17 Jenis-Jenis API

- Ownership Web API
- Communication Level API
- Web Service API

BAB 3

PERANCANGAN

BAB 4

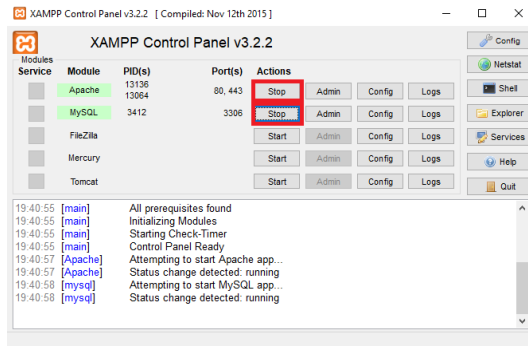
PENKODEAN

4.1 Pengkodean

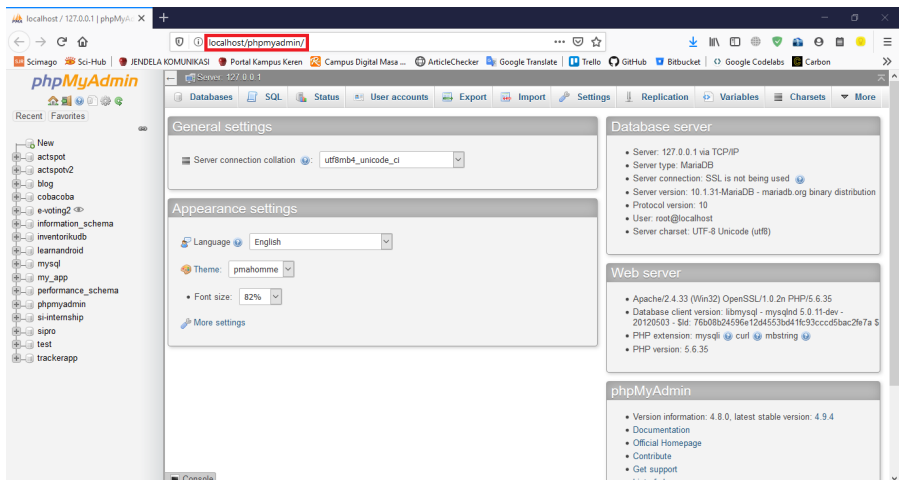
Pada proyek ini, aplikasi yang dibuat adalah Aplikasi Monitor Kinerja Berbasis GPS. Di mana ada beberapa hal perlu dibuat, diantaranya database, API, website admin, dan Android app.

4.1.1 Database

Pertama kita akan membuat databasenya menggunakan MySQL. Untuk mempermudah pembuatan aplikasi kita menggunakan XAMPP yang telah berisikan Apache, MySQL, dan PHP. Jadi pastikan kalian telah menginstall XAMPP. Jika sudah, buka XAMPP kalian. Lalu jalankan Apache dan MySQL dengan mengklik start.

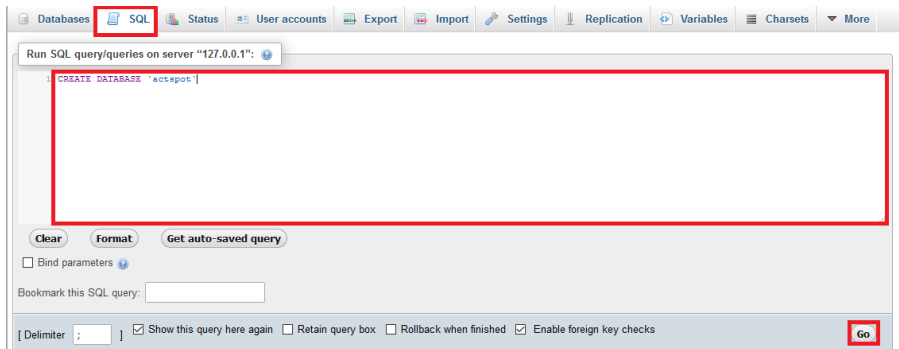


Kemudian jalankan url `http://localhost/phpmyadmin/` pada web browser kalian.



Setelah itu, kita akan membuat database dengan nama `actspot`. Caranya klik menu SQL, lalu ketikkan script berikut. Kemudian klik Go untuk mengeksekusinya.

1 **CREATE DATABASE 'actspot'**

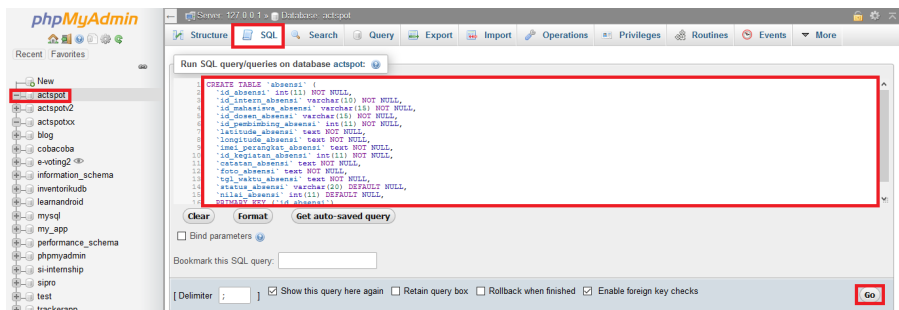


Kemudian kita buat akan membuat tabel-tabel yang nantinya dibutuhkan untuk menyimpan datanya. Caranya kita klik database yang telah dibuat sebelumnya. Setelah itu, klik menu SQL. Pertama kita akan membuat tabel absensi. Ketikkan script berikut dan klik Go untuk mengeksekusinya.

```

1 CREATE TABLE 'absensi' (
2   'id_absensi' int(11) NOT NULL,
3   'id_intern_absensi' varchar(10) NOT NULL,
4   'id_mahasiswa_absensi' varchar(15) NOT NULL,
5   'id_dosen_absensi' varchar(15) NOT NULL,
6   'id_pembimbing_absensi' int(11) NOT NULL,
7   'latitude_absensi' text NOT NULL,
8   'longitude_absensi' text NOT NULL,
9   'imei_perangkat_absensi' text NOT NULL,
10  'id_kegiatan_absensi' int(11) NOT NULL,
11  'catatan_absensi' text NOT NULL,
12  'foto_absensi' text NOT NULL,
13  'tgl_waktu_absensi' text NOT NULL,
14  'status_absensi' varchar(20) DEFAULT NULL,
15  'nilai_absensi' int(11) DEFAULT NULL,
16  PRIMARY KEY ('id_absensi')
17 )

```



Selanjutnya kita akan membuat tabel detail_absensi. Caranya sama dengan sebelumnya, lalu ketikkan script berikut dan klik Go untuk mengeksekusinya.

```

1 CREATE TABLE 'detail_absensi' (
2   'id_absensi' int(11) NOT NULL AUTOINCREMENT,
3   'id_mahasiswa_dt_absensi' varchar(15) NOT NULL,
4   'id_absensi_dt_absensi' int(11) NOT NULL,
5   'pergeseran_absensi' text NOT NULL,
6 )

```

Setelah itu kita akan membuat trigger pergeseran_absensi untuk mengukur pergeseran antara objek dengan lokasi yang telah ditentukan. Caranya sama dengan sebelumnya, lalu ketikkan script berikut dan klik Go untuk mengeksekusinya.

```

1 DELIMITER $$
2 CREATE TRIGGER 'pergeseran_absensi' AFTER INSERT ON 'absensi' FOR
   EACH ROW INSERT INTO detail_absensi (id_intern_dt_absensi,
   id_mahasiswa_dt_absensi, id_absensi_dt_absensi, pergeseran_absensi
3 )

```



```

3      SELECT NEW.id_intern_absensi
4             , NEW.id_mahasiswa_absensi
5             , NEW.id_absensi
6             , hitung_pergeseran(p.lat_pembimbing_perusahaan ,p.
long_pembimbing_perusahaan ,NEW.latitude_absensi ,NEW.
longitude_absensi)
7      FROM pembimbing_perusahaan p
8      LIMIT 1
9  $$
10 DELIMITER ;

```

Selanjutnya kita akan membuat tabel detail_intern. Caranya sama dengan sebelumnya, lalu ketikkan script berikut dan klik Go untuk mengeksekusinya.

```

1 CREATE TABLE 'detail_intern' (
2     'id_intern_dt_intern' int(11) NOT NULL,
3     'id_mahasiswa_dt_intern' varchar(15) NOT NULL,
4     'id_dosen_dt_intern' varchar(15) NOT NULL,
5     'lama_internship' int(11) NOT NULL,
6     'surat_intern' text NOT NULL,
7     'id_pembimbing_dt_intern' int(11) DEFAULT NULL,
8     'latitude_perusahaan' text,
9     'longitude_perusahaan' text,
10    'foto_perusahaan' text,
11    'status_perusahaan' varchar(20) DEFAULT NULL
12 )

```

Setelah itu, kita akan membuat tabel dosen. Caranya sama dengan sebelumnya, lalu ketikkan script berikut dan klik Go untuk mengeksekusinya.

```

1 CREATE TABLE 'dosen' (
2     'id_dosen' varchar(15) NOT NULL,
3     'nama_dosen' varchar(50) NOT NULL,
4     'id_prodi_dosen' varchar(10) NOT NULL,
5     'kontak_dosen' text NOT NULL,
6     'foto_dosen' text,
7     PRIMARY KEY ('id_dosen')
8 )

```

Selanjutnya kita akan membuat tabel intern. Caranya sama dengan sebelumnya, lalu ketikkan script berikut dan klik Go untuk mengeksekusinya.

```

1 CREATE TABLE 'intern' (
2     'id_intern' int(11) NOT NULL AUTOINCREMENT,
3     'id_koor_intern' varchar(15) NOT NULL,
4     'status_intern' varchar(15) NOT NULL,
5     'tgl_mulai_intern' datetime DEFAULT NULL,
6     'tgl_akhir_intern' datetime DEFAULT NULL,
7     PRIMARY KEY ('id_intern')
8 )

```

Setelah itu, kita akan membuat tabel kegiatan. Caranya sama dengan sebelumnya, lalu ketikkan script berikut dan klik Go untuk mengeksekusinya.

```

1 CREATE TABLE 'kegiatan' (
2     'id_kegiatan' int(11) NOT NULL AUTOINCREMENT,
3     'nama_kegiatan' varchar(50) NOT NULL,
4     PRIMARY KEY ('id_kegiatan')

```

5)

Selanjutnya kita akan membuat tabel mahasiswa. Caranya sama dengan sebelumnya, lalu ketikan script berikut dan klik Go untuk mengeksekusinya.

```
1 CREATE TABLE 'mahasiswa' (
2   'id_mahasiswa' varchar(15) NOT NULL,
3   'nama_mahasiswa' varchar(50) NOT NULL,
4   'kelas_mahasiswa' varchar(5) NOT NULL,
5   'id_prodi_mahasiswa' varchar(10) NOT NULL,
6   'angkatan_mahasiswa' varchar(5) NOT NULL,
7   'foto_mahasiswa' text,
8   'kontak_mahasiswa' varchar(25) NOT NULL,
9   'kode_otp' varchar(11) DEFAULT NULL,
10  PRIMARY KEY ('id_mahasiswa')
11 )
```

Setelah itu, kita akan membuat tabel notifikasi. Caranya sama dengan sebelumnya, lalu ketikan script berikut dan klik Go untuk mengeksekusinya.

```
1 CREATE TABLE 'notifikasi' (
2   'id_intern_notifikasi' int(11) NOT NULL,
3   'id_mahasiswa_notifikasi' varchar(15) NOT NULL,
4   'id_dosen_notifikasi' varchar(15) NOT NULL,
5   'id_pembimbing_notifikasi' int(11) NOT NULL,
6   'pesan_notifikasi' text NOT NULL,
7   'tgl_waktu_notifikasi' datetime NOT NULL
8 )
```

Selanjutnya kita akan membuat tabel pembimbing_perusahaan. Caranya sama dengan sebelumnya, lalu ketikan script berikut dan klik Go untuk mengeksekusinya.

```
1 CREATE TABLE 'pembimbing_perusahaan' (
2   'id_pembimbing' int(11) NOT NULL AUTOINCREMENT,
3   'nama_pembimbing' varchar(50) NOT NULL,
4   'nama_perusahaan_perusahaan' text NOT NULL,
5   'lat_pembimbing_perusahaan' text NOT NULL,
6   'long_pembimbing_perusahaan' text NOT NULL,
7   'kontak_pembimbing' varchar(25) NOT NULL,
8   'foto_pembimbing' text,
9   PRIMARY KEY ('id_pembimbing')
10 )
```

Setelah itu, kita akan membuat tabel prodi. Caranya sama dengan sebelumnya, lalu ketikan script berikut dan klik Go untuk mengeksekusinya.

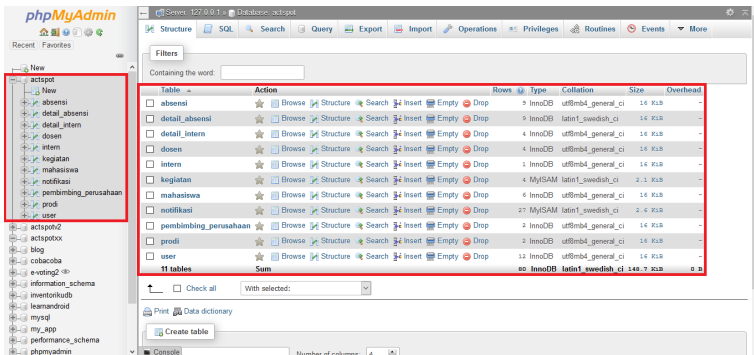
```
1 CREATE TABLE 'prodi' (
2   'id_prodi' varchar(10) NOT NULL,
3   'nama_prodi' varchar(50) NOT NULL,
4   PRIMARY KEY ('id_prodi')
5 )
```

Selanjutnya kita akan membuat tabel user. Caranya sama dengan sebelumnya, lalu ketikan script berikut dan klik Go untuk mengeksekusinya.

```
1 CREATE TABLE 'user' (
2   'id_user' varchar(15) NOT NULL,
3   'username' varchar(20) NOT NULL,
```

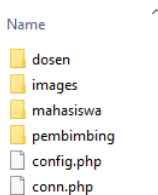
```
4 'password' text NOT NULL,
5 'status_user' varchar(15) NOT NULL,
6 'role_user' varchar(15) NOT NULL
7 )
```

Sehingga hasilnya akhirnya terbentuk beberapa tabel yang dibutuhkan.

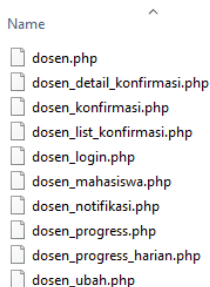


4.1.2 API

Selanjutnya kita akan membuat APInya menggunakan PHP. Persiapkan terlebih dahulu folder dan file yang nantinya kita butuhkan dalam pembuatan APInya. Pertama kita buat folder dosen, images, mahasiswa, dan pembimbing. Lalu kita buat juga file config.php dan conn.php.



Lalu di dalam folder dosen buat beberapa file sebagai berikut.



Kemudian di dalam folder mahasiswa buat beberapa file sebagai berikut.

Name ^

- 📄 mahasiswa.php
- 📄 mahasiswa_absensi.php
- 📄 mahasiswa_kegiatan.php
- 📄 mahasiswa_login.php
- 📄 mahasiswa_notifikasi.php
- 📄 mahasiswa_pembimbing.php
- 📄 mahasiswa_perusahaan.php
- 📄 mahasiswa_progress.php
- 📄 mahasiswa_progress_harian.php
- 📄 mahasiswa_registrasi.php
- 📄 mahasiswa_ubah.php

Selanjutnya di dalam folder pembimbing buat beberapa file sebagai berikut.

Name ^

- 📄 pembimbing.php
- 📄 pembimbing_konfirm_absensi.php
- 📄 pembimbing_konfirm_mahasiswa.php
- 📄 pembimbing_list_konfirm_absensi.php
- 📄 pembimbing_list_konfirm_mahasiswa.php
- 📄 pembimbing_login.php
- 📄 pembimbing_mahasiswa.php
- 📄 pembimbing_notifikasi.php
- 📄 pembimbing_registrasi.php
- 📄 pembimbing_ubah.php

Setelah itu, di dalam folder images buat beberapa folder sebagai berikut.

Name ^

- 📁 absensi
- 📁 dosen
- 📁 mahasiswa
- 📁 pembimbing
- 📁 perusahaan

Kemudian tambahkan script berikut di file config.php

```
1 <?php
2 define('hostname','localhost');
3 define('user','xxx');
4 define('password','xxx');
5 define('db_name','actspot');
6 ?>
```

Selanjutnya tambahkan script berikut di file conn.php

```
1 <?php
2 require_once 'config.php';
3 class Connection{
4     private $connect;
5     function __construct() {
```

```

6         $this->connect = mysqli_connect(hostname, user, password,
db_name) or die("DB Connection error.");
7     }
8     public function get_connection()    {
9         return $this->connect;
10    }
11 }
12 ?>

```

Setelah itu, tambahkan script berikut di file dosen.php pada folder dosen.

```

1 <?php
2 include('../conn.php');
3 header('Content-Type: application/json');
4 class Dosen{
5     private $db;
6     private $connection;
7     public function __construct(){
8         $this->db = new Connection();
9         $this->connection = $this->db->get_connection();
10    }
11    public function list_konfirm_absensi($id_dosen){
12        $query = "SELECT DAYOFYEAR(tgl_waktu_absensi) as date, ROUND(
COUNT(*) / 3 * 100, 2) as percent, date(tgl_waktu_absensi) as
tgl_waktu, nama_mahasiswa, angkatan_mahasiswa, foto_mahasiswa,
id_mahasiswa, id_intern, id_pembimbing_absensi, kelas_mahasiswa,
kontak_mahasiswa, nama_pembimbing, nama_perusahaan_perusahaan
FROM absensi INNER JOIN mahasiswa ON id_mahasiswa =
id_mahasiswa_absensi INNER JOIN pembimbing_perusahaan ON
id_pembimbing = id_pembimbing_absensi INNER JOIN intern ON
id_intern_absensi = id_intern WHERE id_dosen_absensi = '$id_dosen'
AND status_absensi is not null AND (nilai_absensi is null OR
nilai_absensi = 0) AND status_intern = 'berjalan' GROUP BY
DAYOFYEAR(tgl_waktu_absensi) DESC ";
13        $result = mysqli_query($this->connection, $query);
14        if (mysqli_num_rows($result) > 0) {
15            $datas = array();
16            while ($row = mysqli_fetch_array($result)) {
17                $datas[] = array(
18                    "persen" => $row['percent'],
19                    "tgl_waktu" => $row['tgl_waktu'],
20                    "nama" => $row['nama_mahasiswa'],
21                    "angkatan" => $row['angkatan_mahasiswa'],
22                    "foto" => $row['foto_mahasiswa'],
23                    "id_mahasiswa" => $row['id_mahasiswa'],
24                    "id_intern" => $row['id_intern'],
25                    "id_pembimbing" => $row['id_pembimbing_absensi'],
26                    "kelas_mahasiswa" => $row['kelas_mahasiswa'],
27                    "kontak_mahasiswa" => $row['kontak_mahasiswa'],
28                    "nama_pembimbing" => $row['nama_pembimbing'],
29                    "nama_perusahaan" => $row['
nama_perusahaan_perusahaan'],
30                );
31            }
32            $json['status'] = 200;
33            $json['message'] = 'Berhasil mengambil konfirmasi';
34            $json['data'] = $datas;

```

```

35         echo json_encode($json);
36         mysqli_close($this->connection);
37     } elseif (mysqli_num_rows($result) == 0) {
38         $json['status'] = 300;
39         $json['message'] = 'Konfirmasi tidak ada';
40         echo json_encode($json);
41         mysqli_close($this->connection);
42     } else {
43         $json['status'] = 400;
44         $json['message'] = 'Gagal mengambil konfirmasi';
45         echo json_encode($json);
46         mysqli_close($this->connection);
47     }
48 }
49 public function detail_konfirm_absensi($id_dosen, $id_intern,
50 $id_mahasiswa, $id_pembimbing, $tgl){
51     $query = "SELECT tgl_waktu_absensi as tgl_waktu, foto_absensi
52     , catatan_absensi, nama_kegiatan, id_absensi FROM absensi INNER
53     JOIN mahasiswa ON id_mahasiswa = id_mahasiswa_absensi INNER JOIN
54     pembimbing_perusahaan ON id_pembimbing = id_pembimbing_absensi
55     INNER JOIN kegiatan ON id_kegiatan = id_kegiatan_absensi WHERE
56     id_dosen_absensi = '$id_dosen' AND id_mahasiswa = '$id_mahasiswa'
57     AND id_intern_absensi = '$id_intern' AND status_absensi is not
58     null AND DATE(tgl_waktu_absensi) = '$tgl' AND (nilai_absensi is
59     null OR nilai_absensi = 0) ";
60     $result = mysqli_query($this->connection, $query);
61     if (mysqli_num_rows($result) > 0) {
62         $datas = array();
63         while ($row = mysqli_fetch_array($result)) {
64             $datas[] = array(
65                 "tgl_waktu" => $row['tgl_waktu'],
66                 "foto_absensi" => $row['foto_absensi'],
67                 "catatan_absensi" => $row['catatan_absensi'],
68                 "nama_kegiatan" => $row['nama_kegiatan'],
69                 "id_absensi" => $row['id_absensi']
70             );
71         }
72         $json['status'] = 200;
73         $json['message'] = 'Berhasil mengambil konfirmasi';
74         $json['data'] = $datas;
75         echo json_encode($json);
76         mysqli_close($this->connection);
77     } elseif (mysqli_num_rows($result) == 0) {
78         $json['status'] = 300;
79         $json['message'] = 'Konfirmasi tidak ada';
80         echo json_encode($json);
81         mysqli_close($this->connection);
82     } else {
83         $json['status'] = 400;
84         $json['message'] = 'Gagal mengambil konfirmasi';
85         echo json_encode($json);
86         mysqli_close($this->connection);
87     }
88 }
89 public function konfirm_absensi($id_intern, $id_pembimbing,
90 $id_mahasiswa, $id_dosen, $nilai, $tgl){

```

```

81     $query1 = "UPDATE absensi SET nilai_absensi='$nilai' WHERE
id_pembimbing_absensi='$id_pembimbing' AND id_mahasiswa_absensi=
$Sid_mahasiswa' AND id_intern_absensi='$id_intern' AND DATE(
tgl_waktu_absensi) = '$tgl' AND id_dosen_absensi = '$id_dosen'";
82     $result1 = mysqli_query($this->connection, $query1);
83     if ($this->connection->affected_rows > 0 && $result1) {
84         $json['status'] = 200;
85         $json['message'] = 'Absensi berhasil dikonfirmasi';
86         echo json_encode($json);
87         mysqli_close($this->connection);
88     } else {
89         $json['status'] = 400;
90         $json['message'] = 'Absensi gagal dikonfirmasi';
91         echo json_encode($json);
92         mysqli_close($this->connection);
93     }
94 }
95 public function list_mahasiswa($id_dosen){
96     $query = "SELECT id_mahasiswa, nama_perusahaan_perusahaan,
lama_internship, nama_mahasiswa, foto_mahasiswa,
angkatan_mahasiswa, foto_perusahaan, kelas_mahasiswa,
foto_mahasiswa, nama_prodi, nama_pembimbing,
lat_pembimbing_perusahaan, long_pembimbing_perusahaan, id_intern,
(select COUNT( id_mahasiswa_absensi) from absensi where
status_absensi is not null AND id_mahasiswa_absensi =
id_mahasiswa ) as jumlah_absensi FROM detail_intern INNER JOIN
intern ON detail_intern.id_intern_dt_intern = intern.id_intern
INNER JOIN pembimbing_perusahaan ON detail_intern.
id_pembimbing_dt_intern = pembimbing_perusahaan.id_pembimbing
INNER JOIN mahasiswa ON detail_intern.id_mahasiswa_dt_intern =
mahasiswa.id_mahasiswa INNER JOIN prodi ON mahasiswa.
id_prodi_mahasiswa= prodi.id_prodi WHERE id_dosen_dt_intern = '
$Sid_dosen' AND status_intern = 'berjalan'";
97     $result = mysqli_query($this->connection, $query);
98     $result2 = mysqli_query($this->connection, $query);
99     $rows = mysqli_fetch_array($result2);
100     if (mysqli_num_rows($result) > 0 && $rows['id_mahasiswa'] !=
null) {
101         $datas = array();
102         while ($row = mysqli_fetch_array($result)) {
103             $datas[] = array(
104                 "id_intern" => $row['id_intern'],
105                 "id_mahasiswa" => $row['id_mahasiswa'],
106                 "nama_perusahaan" => ucwords($row['
nama_perusahaan_perusahaan']),
107                 "nama_mahasiswa" => ucwords($row['nama_mahasiswa'
]),
108                 "foto_mahasiswa" => $row['foto_mahasiswa'],
109                 "angkatan_mahasiswa" => $row['angkatan_mahasiswa'
]),
110                 "foto_perusahaan" => $row['foto_perusahaan'],
111                 "kelas_mahasiswa" => strtoupper($row['
kelas_mahasiswa']),
112                 "foto_mahasiswa" => $row['foto_mahasiswa'],
113                 "nama_prodi" => ucwords($row['nama_prodi']),

```

```

114         "nama_pembimbing" => ucwords($row['
nama_pembimbing']),
115         "latitude_perusahaan" => $row['
lat_pembimbing_perusahaan'],
116         "longitude_perusahaan" => $row['
long_pembimbing_perusahaan'],
117         "presentase_internship" => round($row['
jumlah_absensi']/ $row['lama_internship']*100,1)
118     );
119     }
120     $json['status'] = 200;
121     $json['message'] = 'Berhasil mengambil mahasiswa';
122     $json['data'] = $datas;
123     echo json_encode($json);
124     mysqli_close($this->connection);
125 } elseif (mysqli_num_rows($result) || 0 && $rows['
id_mahasiswa'] == null) {
126     $json['status'] = 300;
127     $json['message'] = 'Mahasiswa tidak ada';
128     echo json_encode($json);
129     mysqli_close($this->connection);
130 } else {
131     $json['status'] = 400;
132     $json['message'] = 'Gagal mengambil mahasiswa';
133     echo json_encode($json);
134     mysqli_close($this->connection);
135 }
136 }
137 public function login_dosen($user, $pass){
138     $query = "SELECT username, password, id_dosen, nama_dosen,
foto_dosen, id_intern, nama_prodi, kontak_dosen FROM user INNER
JOIN dosen ON user.id_user = dosen.id_dosen INNER JOIN
detail_intern ON user.id_user = detail_intern.id_dosen_dt_intern
INNER JOIN intern ON detail_intern.id_intern_dt_intern = intern.
id_intern INNER JOIN prodi ON dosen.id_prodi_dosen = prodi.
id_prodi WHERE username = '$user' AND password = '$pass' AND
status_user='aktif' AND role_user='dosen'";
139     $result = mysqli_query($this->connection, $query);
140     $row = mysqli_fetch_array($result);
141     if (mysqli_num_rows($result) > 0) {
142         $data = array(
143             "username" => $row['username'],
144             "password" => $row['password'],
145             "id_dosen" => $row['id_dosen'],
146             "nama_dosen" => ucwords($row['nama_dosen']),
147             "foto_dosen" => $row['foto_dosen'],
148             "nama_prodi" => ucwords($row['nama_prodi']),
149             "kontak_dosen" => $row['kontak_dosen']
150         );
151         $json['status'] = 200;
152         $json['message'] = 'Berhasil melakukan login';
153         $json['data'] = $data;
154         echo json_encode($json);
155         mysqli_close($this->connection);
156     } elseif (mysqli_num_rows($result) == 0) {
157         $json['status'] = 300;

```



```

158     $json['message'] = 'Username atau password salah';
159     echo json_encode($json);
160     mysqli_close($this->connection);
161 } else {
162     $json['status'] = 400;
163     $json['message'] = 'Gagal melakukan login';
164     echo json_encode($json);
165     mysqli_close($this->connection);
166 }
167 }
168 public function progress-mahasiswa($id_intern, $id_mahasiswa,
169 $sort){
170     $query = "SET @rank=0;";
171     mysqli_query($this->connection, $query);
172     switch ($sort) {
173         case 'hari':
174             $query1 = "SELECT @rank:=@rank+1 AS rank, DAYOFYEAR(
175 tgl_waktu_absensi) as date, ROUND(COUNT(*) / 3 * 100, 2) as
176 percent, date(tgl_waktu_absensi) as tgl_waktu, status_absensi
177 FROM absensi WHERE id_intern_absensi='$id_intern' AND
178 id_mahasiswa_absensi = '$id_mahasiswa' AND status_absensi is not
179 null GROUP BY DAYOFYEAR(tgl_waktu_absensi) ORDER BY rank ASC";
180             $result1 = mysqli_query($this->connection, $query1);
181             if (mysqli_num_rows($result1) > 0) {
182                 $datas = array();
183                 while ($row = mysqli_fetch_array($result1)) {
184                     $datas[] = array(
185                         "sort" => "Hari ke-". $row['rank'],
186                         "persen" => $row['percent'],
187                         "tgl_waktu" => $row['tgl_waktu'],
188                         "id_mahasiswa"=>$id_mahasiswa,
189                         "id_intern"=>$id_intern
190                     );
191                 }
192                 $json['status'] = 201;
193                 $json['message'] = 'Berhasil mengambil progress';
194                 $json['data'] = $datas;
195                 echo json_encode($json);
196                 mysqli_close($this->connection);
197             } elseif (mysqli_num_rows($result1) == 0) {
198                 $json['status'] = 300;
199                 $json['message'] = 'Progress tidak ada';
200                 echo json_encode($json);
201                 mysqli_close($this->connection);
202             } else {
203                 $json['status'] = 400;
204                 $json['message'] = 'Gagal mengambil progress';
205                 echo json_encode($json);
206                 mysqli_close($this->connection);
207             }
208             break;
209             case 'minggu':
210                 $query2 = "
211 SELECT @rank:=@rank+1 AS rank, WEEK(tgl_waktu_absensi,1)
212 as week, ROUND(COUNT(*) / 15 * 100, 2) as percent, status_absensi
213 FROM absensi WHERE id_intern_absensi='$id_intern' AND

```

```

id_mahasiswa_absensi = 'id_mahasiswa' AND status_absensi is not
null GROUP BY WEEK(tgl_waktu_absensi) ORDER BY rank ASC";
206     $result2 = mysqli_query($this->connection, $query2);
207     if (mysqli_num_rows($result2) > 0) {
208         $datas = array();
209         while ($row = mysqli_fetch_array($result2)) {
210             $datas[] = array(
211                 "sort" => "Minggu ke-". $row['rank'],
212                 "persen" => $row['percent']
213             );
214         }
215         $json['status'] = 202;
216         $json['message'] = 'Berhasil mengambil progress';
217         $json['data'] = $datas;
218         echo json_encode($json);
219         mysqli_close($this->connection);
220     } elseif (mysqli_num_rows($result2) == 0) {
221         $json['status'] = 300;
222         $json['message'] = 'Progress tidak ada';
223         echo json_encode($json);
224         mysqli_close($this->connection);
225     } else {
226         $json['status'] = 400;
227         $json['message'] = 'Gagal mengambil progress';
228         echo json_encode($json);
229         mysqli_close($this->connection);
230     }
231     break;
232     case 'bulan':
233         $query3 = "
234         SELECT @rank:=@rank+1 AS rank, MONTH(
235         tgl_waktu_absensi) as month, ROUND(COUNT(*) / 66 * 100, 2) as
236         percent, date(tgl_waktu_absensi) as tgl_waktu FROM absensi WHERE
237         id_intern_absensi='id_intern' AND id_mahasiswa_absensi = '
238         Sid_mahasiswa' AND status_absensi is not null GROUP BY DAYOFYEAR(
239         tgl_waktu_absensi) ORDER BY rank ASC";
240         $result3 = mysqli_query($this->connection, $query3);
241         if (mysqli_num_rows($result3) > 0) {
242             $datas = array();
243             while ($row = mysqli_fetch_array($result3)) {
244                 $datas[] = array(
245                     "sort" => "Bulan ke-". $row['rank'],
246                     "persen" => $row['percent']
247                 );
248             }
249             $json['status'] = 203;
250             $json['message'] = 'Berhasil mengambil progress';
251             $json['data'] = $datas;
252             echo json_encode($json);
253             mysqli_close($this->connection);
254         } elseif (mysqli_num_rows($result3) == 0) {
255             $json['status'] = 300;
256             $json['message'] = 'Progress tidak ada';
257             echo json_encode($json);
258             mysqli_close($this->connection);
259         } else {

```

```

255         $json['status'] = 400;
256         $json['message'] = 'Gagal mengambil progress';
257         echo json_encode($json);
258         mysqli_close($this->connection);
259     }
260     break;
261 }
262 }
263 public function progress_mahasiswa_perhari($id_intern,
264 $id_mahasiswa, $tgl){
265     $query = "SELECT id_absensi, tgl_waktu_absensi,
266 nama_kegiatan, foto_absensi, pergeseran_absensi, status_absensi
267 FROM absensi INNER JOIN detail_absensi ON absensi.id_absensi =
268 detail_absensi.id_absensi.dt_absensi INNER JOIN kegiatan ON
269 absensi.id_kegiatan_absensi = kegiatan.id_kegiatan WHERE
270 id_intern_absensi = '$id_intern' AND id_mahasiswa_absensi = '
271 $id_mahasiswa' AND DATE(tgl_waktu_absensi) = '$tgl' AND
272 status_absensi is not null";
273     $result = mysqli_query($this->connection, $query);
274     if (mysqli_num_rows($result) > 0) {
275         $datas = array();
276         while ($row = mysqli_fetch_array($result)) {
277             $datas[] = array(
278                 "id_absensi" => $row['id_absensi'],
279                 "tgl_waktu" => $row['tgl_waktu_absensi'],
280                 "kegiatan" => ucfirst($row['nama_kegiatan']),
281                 "foto_absensi" => $row['foto_absensi'],
282                 "pergeseran" => $row['pergeseran_absensi']." M"
283             );
284         }
285         $json['status'] = 200;
286         $json['message'] = 'Berhasil mengambil progress harian';
287         $json['data'] = $datas;
288         echo json_encode($json);
289         mysqli_close($this->connection);
290     } elseif (mysqli_num_rows($result) == 0) {
291         $json['status'] = 300;
292         $json['message'] = 'Progress harian tidak ada';
293         echo json_encode($json);
294         mysqli_close($this->connection);
295     } else {
296         $json['status'] = 400;
297         $json['message'] = 'Gagal mengambil progress harian';
298         echo json_encode($json);
299         mysqli_close($this->connection);
300     }
301 }
302 }
303 public function list_notifikasi($id_dosen){
304     $query = "SELECT id_intern, nama_mahasiswa, nama_pembimbing,
305 nama_perusahaan_perusahaan, pesan_notifikasi,
306 tgl_waktu_notifikasi FROM notifikasi INNER JOIN
307 pembimbing_perusahaan ON id_pembimbing = id_pembimbing_notifikasi
308 INNER JOIN mahasiswa ON id_mahasiswa = id_mahasiswa_notifikasi
309 INNER JOIN intern ON id_intern = id_intern_notifikasi WHERE
310 id_dosen_notifikasi= '$id_dosen' AND status_intern='berjalan'
311 ORDER BY tgl_waktu_notifikasi DESC ";

```

```

296     $result = mysqli_query($this->connection, $query);
297     if (mysqli_num_rows($result) > 0) {
298         $datas = array();
299         $kalimat1 = "melakukan absensi pada";
300         $kalimat2 = "mengkonfirmasi absensi";
301         $kalimat3 = "mendaftar ke perusahaan";
302         $kalimat4 = "mengkonfirmasi pendaftaran";
303         while ($row = mysqli_fetch_array($result)) {
304             $pesan = "";
305             if (preg_match("~\b". $row['pesan_notifikasi']."\b~",
306 $kalimat1)){
307                 $pesan = ucwords($row['nama_mahasiswa'])." ". $row
308 ['pesan_notifikasi'];
309             }elseif(preg_match("~\b". $row['pesan_notifikasi']."\b
310 ~", $kalimat2)){
311                 $pesan = ucwords($row['nama_pembimbing'])." ".
312 $row['pesan_notifikasi']. " ". ucwords($row['nama_mahasiswa'])."
313 pada";
314             }elseif(preg_match("~\b". $row['pesan_notifikasi']."\b
315 ~", $kalimat3)){
316                 $pesan = ucwords(($row['nama_mahasiswa']))." ".
317 $row['pesan_notifikasi']. " ". ucwords($row['
318 nama_perusahaan_perusahaan'])." pada";
319             }elseif(preg_match("~\b". $row['pesan_notifikasi']."\b
320 ~", $kalimat4)){
321                 $pesan = ucwords($row['nama_pembimbing'])." ".
322 $row['pesan_notifikasi']. " ". ucwords($row['nama_mahasiswa'])."
323 pada";
324             }
325             $datas[] = array(
326                 "id_intern" => $row['id_intern'],
327                 "pesan" => $pesan." ". date_format(date_create(
328 $row['tgl_waktu_notifikasi']), 'd F Y \p\u\k\u\l G:i A'),
329                 "tgl_waktu" => $row['tgl_waktu_notifikasi']
330             );
331         }
332         $json['status'] = 200;
333         $json['message'] = 'Berhasil mengambil notifikasi';
334         $json['data'] = $datas;
335         echo json_encode($json);
336         mysqli_close($this->connection);
337     } elseif (mysqli_num_rows($result) == 0) {
338         $json['status'] = 300;
339         $json['message'] = 'Notifikasi tidak ada';
340         echo json_encode($json);
341         mysqli_close($this->connection);
342     } else {
343         $json['status'] = 400;
344         $json['message'] = 'Gagal mengambil notifikasi';
345         echo json_encode($json);
346         mysqli_close($this->connection);
347     }
348 }
349 public function ubah_username($id_dosen, $username){

```

```

339     $query = "UPDATE user SET username='$username' WHERE id_user
        ='$id_dosen'";
340     $result = mysqli_query($this->connection, $query);
341     if ($this->connection->affected_rows > 0 && $result) {
342         $json['status'] = 200;
343         $json['message'] = 'Username berhasil diubah';
344         echo json_encode($json);
345         mysqli_close($this->connection);
346     } else {
347         $json['status'] = 400;
348         $json['message'] = 'Username gagal diubah';
349         echo json_encode($json);
350         mysqli_close($this->connection);
351     }
352 }
353 public function ubah_nama($id_dosen, $nama){
354     $query = "UPDATE dosen SET nama_dosen='$nama' WHERE id_dosen
        ='$id_dosen'";
355     $result = mysqli_query($this->connection, $query);
356     if ($this->connection->affected_rows > 0 && $result) {
357         $json['status'] = 200;
358         $json['message'] = 'Nama berhasil diubah';
359         echo json_encode($json);
360         mysqli_close($this->connection);
361     } else {
362         $json['status'] = 400;
363         $json['message'] = 'Nama berhasil diubah';
364         echo json_encode($json);
365         mysqli_close($this->connection);
366     }
367 }
368 public function ubah_kontak($id_dosen, $kontak){
369     $query = "UPDATE dosen SET kontak_dosen='$kontak' WHERE
        id_dosen='$id_dosen'";
370     $result = mysqli_query($this->connection, $query);
371     if ($this->connection->affected_rows > 0 && $result) {
372         $json['status'] = 200;
373         $json['message'] = 'Kontak berhasil diubah';
374         echo json_encode($json);
375         mysqli_close($this->connection);
376     } else {
377         $json['status'] = 400;
378         $json['message'] = 'Kontak gagal diubah';
379         echo json_encode($json);
380         mysqli_close($this->connection);
381     }
382 }
383 public function ubah_foto($id_dosen, $foto){
384     $query = "UPDATE dosen SET foto_dosen='$foto' WHERE id_dosen
        ='$id_dosen'";
385     $result = mysqli_query($this->connection, $query);
386     if ($this->connection->affected_rows > 0 && $result) {
387         $json['status'] = 200;
388         $json['message'] = 'Foto berhasil diubah';
389         echo json_encode($json);
390         mysqli_close($this->connection);

```

```

391         return true;
392     } else {
393         $json['status'] = 400;
394         $json['message'] = 'Foto gagal diubah';
395         echo json_encode($json);
396         mysqli_close($this->connection);
397         return false;
398     }
399 }
400 public function ubah_password($id_dosen, $password){
401     $query = "UPDATE user SET password='$password' WHERE id_user
402     ='$id_dosen'";
403     $result = mysqli_query($this->connection, $query);
404     if ($this->connection->affected_rows > 0 && $result) {
405         $json['status'] = 200;
406         $json['message'] = 'Password berhasil diubah';
407         echo json_encode($json);
408         mysqli_close($this->connection);
409     } else {
410         $json['status'] = 400;
411         $json['message'] = 'Password gagal diubah';
412         echo json_encode($json);
413         mysqli_close($this->connection);
414     }
415 }

```

Kemudian tambahkan script berikut di file dosen_detail_konfirmasi.php pada folder dosen.

```

1 <?php
2 include('dosen.php');
3 header('Content-Type: application/json');
4 $d = new Dosen();
5 if (isset($_POST['id_intern'], $_POST['id_pembimbing'], $_POST['
6 id_mahasiswa'], $_POST['id_dosen'], $_POST['tgl'])) {
7     $id_intern = $_POST['id_intern'];
8     $id_pembimbing = $_POST['id_pembimbing'];
9     $id_mahasiswa = $_POST['id_mahasiswa'];
10    $id_dosen = $_POST['id_dosen'];
11    $tgl = $_POST['tgl'];
12    if (!empty($id_intern) && !empty($id_pembimbing) && !empty(
13    $id_mahasiswa) && !empty($id_dosen) && !empty($tgl)) {
14        $d->detail_konfirm_absensi($id_dosen, $id_intern,
15        $id_mahasiswa, $id_pembimbing, $tgl);
16    } else {
17        $json['status'] = 100;
18        $json['message'] = 'Field tidak boleh kosong';
19        echo json_encode($json);
20    }
21 } else {
22     $json['status'] = 100;
23     $json['message'] = 'Field tidak boleh kosong';
24     echo json_encode($json);
25 }

```

Selanjutnya tambahkan script berikut di file dosen_konfirmasi.php pada folder dosen.

```

1 <?php
2 include('dosen.php');
3 header('Content-Type: application/json');
4 $d = new Dosen();
5 if (isset($_POST['id_intern'], $_POST['id_pembimbing'], $_POST['id_mahasiswa'], $_POST['id_dosen'], $_POST['nilai'], $_POST['tgl'])) {
6     $id_intern = $_POST['id_intern'];
7     $id_pembimbing = $_POST['id_pembimbing'];
8     $id_mahasiswa = $_POST['id_mahasiswa'];
9     $id_dosen = $_POST['id_dosen'];
10    $nilai = $_POST['nilai'];
11    $tgl = $_POST['tgl'];
12    if (!empty($id_intern) && !empty($id_pembimbing) && !empty($id_mahasiswa) && !empty($id_dosen) && !empty($nilai) && !empty($tgl)) {
13        $d->konfirmasi_absensi($id_intern, $id_pembimbing, $id_mahasiswa, $id_dosen, $nilai, $tgl);
14    } else {
15        $json['status'] = 100;
16        $json['message'] = 'Field tidak boleh kosong';
17        echo json_encode($json);
18    }
19 } else {
20     $json['status'] = 100;
21     $json['message'] = 'Field tidak boleh kosong';
22     echo json_encode($json);
23 }

```

Setelah itu, tambahkan script berikut di file dosen_list_konfirmasi.php pada folder dosen.

```

1 <?php
2 include('dosen.php');
3 header('Content-Type: application/json');
4 $d = new Dosen();
5 if (isset($_POST['id_dosen'])) {
6     $id_dosen = $_POST['id_dosen'];
7     if (!empty($id_dosen)) {
8         $d->list_konfirmasi_absensi($id_dosen);
9     } else {
10        $json['status'] = 100;
11        $json['message'] = 'Field tidak boleh kosong';
12        echo json_encode($json);
13    }
14 } else {
15     $json['status'] = 100;
16     $json['message'] = 'Field tidak boleh kosong';
17     echo json_encode($json);
18 }

```

Kemudian tambahkan script berikut di file dosen_login.php pada folder dosen.

```

1 <?php
2 include('dosen.php');
3 header('Content-Type: application/json');
4 $d = new Dosen();

```

```

5 if (isset($_POST['username'], $_POST['password'])) {
6     $user = $_POST['username'];
7     $pass = $_POST['password'];
8     if (!empty($user) && !empty($pass)) {
9         $d->login_dosen($user, $pass);
10    } else {
11        $json['status'] = 100;
12        $json['message'] = 'Field tidak boleh kosong';
13        echo json_encode($json);
14    }
15 }
16 ?>

```

Selanjutnya tambahkan script berikut di file dosen_mahasiswa.php pada folder dosen.

```

1 <?php
2 include('dosen.php');
3 header('Content-Type: application/json');
4 $d = new Dosen();
5 if (isset($_POST['id_dosen'])) {
6     $id_dosen = $_POST['id_dosen'];
7     if (!empty($id_dosen)) {
8         $d->list_mahasiswa($id_dosen);
9     } else {
10        $json['status'] = 100;
11        $json['message'] = 'Field tidak boleh kosong';
12        echo json_encode($json);
13    }
14 } else {
15     $json['status'] = 100;
16     $json['message'] = 'Field tidak boleh kosong';
17     echo json_encode($json);
18 }
19 ?>

```

Setelah itu, tambahkan script berikut di file dosen_notifikasi.php pada folder dosen.

```

1 <?php
2 include('dosen.php');
3 header('Content-Type: application/json');
4 $d = new Dosen();
5 if (isset($_POST['id_dosen'])) {
6     $id_dosen = $_POST['id_dosen'];
7     if (!empty($id_dosen)) {
8         $d->list_notifikasi($id_dosen);
9     } else {
10        $json['status'] = 100;
11        $json['message'] = 'Field tidak boleh kosong';
12        echo json_encode($json);
13    }
14 } else {
15     $json['status'] = 100;
16     $json['message'] = 'Field tidak boleh kosong';
17     echo json_encode($json);
18 }
19 ?>

```


Kemudian tambahkan script berikut di file dosen_progress_harian.php pada folder dosen.

```

1 <?php
2 include('dosen.php');
3 header('Content-Type: application/json');
4 $d = new Dosen();
5 if (isset($_POST['id_intern'], $_POST['id_mahasiswa'], $_POST['tgl']))
6 {
7     $id_intern = $_POST['id_intern'];
8     $id_mahasiswa = $_POST['id_mahasiswa'];
9     $tgl = $_POST['tgl'];
10    if (!empty($id_intern) && !empty($id_mahasiswa) && !empty($tgl))
11    {
12        $d->progress_mahasiswa_perhari($id_intern, $id_mahasiswa,
13        $tgl);
14    } else {
15        $json['status'] = 100;
16        $json['message'] = 'Field tidak boleh kosong';
17        echo json_encode($json);
18    }
19 }

```

Selanjutnya tambahkan script berikut di file dosen_progress.php pada folder dosen.

```

1 <?php
2 include('dosen.php');
3 header('Content-Type: application/json');
4 $d = new Dosen();
5 if (isset($_POST['id_intern'], $_POST['id_mahasiswa'], $_POST['sort '
6 ])) {
7     $id_intern = $_POST['id_intern'];
8     $id_mahasiswa = $_POST['id_mahasiswa'];
9     $sort = $_POST['sort'];
10    if (!empty($id_intern) && !empty($id_mahasiswa) && !empty($sort))
11    {
12        $d->progress_mahasiswa($id_intern, $id_mahasiswa, $sort);
13    } else {
14        $json['status'] = 100;
15        $json['message'] = 'Field tidak boleh kosong';
16        echo json_encode($json);
17    }
18 }

```

Setelah itu, tambahkan script berikut di file dosen_ubah.php pada folder dosen.

```

1 <?php
2 include('dosen.php');
3 header('Content-Type: application/json');
4 $d = new Dosen();
5 $id_dosen = $_POST['id_dosen'];
6 if (isset($_POST['username'])) $username = $_POST['username'];
7 if (isset($_POST['nama'])) $nama = $_POST['nama'];
8 if (isset($_POST['kontak'])) $kontak = $_POST['kontak'];
9 if (isset($_POST['password'])) $password = $_POST['password'];
10 if (isset($_FILES['foto']['name'])) {
11     $foto = $_FILES['foto']['name'];
12     $temp_foto = $_FILES['foto']['tmp_name'];

```

```

13     $dir_dosen = "../images/dosen/";
14 }
15 if (!empty($id_dosen) && !empty($username)) {
16     $d->ubah_username($id_dosen, $username);
17 } elseif (!empty($id_dosen) && !empty($nama)) {
18     $d->ubah_nama($id_dosen, $nama);
19 } elseif (!empty($id_dosen) && !empty($kontak)) {
20     $d->ubah_kontak($id_dosen, $kontak);
21 } elseif (!empty($id_dosen) && !empty($password)) {
22     $d->ubah_password($id_dosen, $password);
23 } elseif (!empty($id_dosen) && !empty($foto)) {
24     $result = $d->ubah_foto($id_dosen, $foto);
25     if ($result) {
26         $upload = move_uploaded_file($temp_foto, $dir_dosen.$foto);
27         if (!$upload) {
28             $json['status'] = 400;
29             $json['message'] = 'Gambar gagal terupload';
30             echo json_encode($json);
31         }
32     }
33 } else {
34     $json['status'] = 100;
35     $json['message'] = 'Field tidak boleh kosong';
36     echo json_encode($json);
37 }

```

Kemudian tambahkan script berikut di file mahasiswa.php pada folder mahasiswa.

```

1 <?php
2 include ('../conn.php');
3 header('Content-Type: application/json');
4 class Mahasiswa{
5     private $db;
6     private $connection;
7     public function __construct(){
8         $this->db = new Connection();
9         $this->connection = $this->db->get_connection();
10    }
11    public function ambil_absensi($id_intern, $id_mahasiswa,
12        $id_dosen, $latitude_absensi, $longitude_absensi, $simei_perangkat,
13        $id_kegiatan, $foto_absensi, $tgl_waktu, $id_pembimbing,
14        $catatan){
15        $query1 = "INSERT INTO absensi(id_intern_absensi,
16            id_mahasiswa_absensi, id_dosen_absensi, latitude_absensi,
17            longitude_absensi, imei_perangkat_absensi, id_kegiatan_absensi,
18            foto_absensi, tgl_waktu_absensi, id_pembimbing_absensi,
19            catatan_absensi) VALUES ('$id_intern', '$id_mahasiswa', '$
20            $id_dosen', '$latitude_absensi', '$longitude_absensi', '$
21            $simei_perangkat', '$id_kegiatan', '$foto_absensi', '$tgl_waktu',
22            $id_pembimbing, '$catatan')";
23        $tgl_waktu = date("Y-m-d h:i:s");
24        $query2 = "INSERT INTO notifikasi(id_intern_notifikasi,
25            id_mahasiswa_notifikasi, id_dosen_notifikasi,
26            id_pembimbing_notifikasi, pesan_notifikasi, tgl_waktu_notifikasi)
27            VALUES ('$id_intern', '$id_mahasiswa', '$id_dosen', '$
28            $id_pembimbing', 'melakukan absensi pada', '$tgl_waktu')";
29        $result1 = mysqli_query($this->connection, $query1);

```

```

16     $result2 = mysqli_query($this->connection, $query2);
17     if ($result1 && $result2){
18         $json['status'] = 200;
19         $json['message'] = 'Berhasil melakukan absensi';
20         echo json_encode($json);
21         mysqli_close($this->connection);
22         return true;
23     }else{
24         $json['status'] = 400;
25         $json['message'] = 'Gagal melakukan absensi';
26         echo json_encode($json);
27         mysqli_close($this->connection);
28         return false;
29     }
30 }
31 public function list_kegiatan(){
32     $query = "SELECT * FROM kegiatan";
33     $result = mysqli_query($this->connection, $query);
34     if (mysqli_num_rows($result) > 0) {
35         $datas = array();
36         while ($row = mysqli_fetch_array($result)){
37             $datas[] = array(
38                 "id_kegiatan" => $row['id_kegiatan'],
39                 "nama_kegiatan" => $row['nama_kegiatan']
40             );
41         }
42         $json['status'] = 200;
43         $json['message'] = 'Berhasil mengambil data';
44         $json['data'] = $datas;
45         echo json_encode($json);
46         mysqli_close($this->connection);
47     }else{
48         $json['status'] = 400;
49         $json['message'] = 'Gagal mengambil data';
50         echo json_encode($json);
51         mysqli_close($this->connection);
52     }
53 }
54 public function list_pembimbing(){
55     $query = "SELECT * FROM pembimbing_perusahaan";
56     $result = mysqli_query($this->connection, $query);
57     if (mysqli_num_rows($result) > 0){
58         $datas = array();
59         while ($row = mysqli_fetch_array($result)){
60             $datas[] = array(
61                 "id_pembimbing" => $row['id_pembimbing'],
62                 "nama_pembimbing" => $row['nama_pembimbing'],
63                 "nama_perusahaan" => $row['
64 nama_perusahaan_perusahaan']
65             );
66         }
67         $json['status'] = 200;
68         $json['message'] = 'Berhasil mengambil data';
69         $json['data'] = $datas;
70         echo json_encode($json);
71         mysqli_close($this->connection);

```

```

71     }else{
72         $json['status'] = 400;
73         $json['message'] = 'Gagal mengambil data';
74         echo json_encode($json);
75         mysqli_close($this->connection);
76     }
77 }
78 public function get_distance($id_pembimbing){
79     $query = "SELECT lat_pembimbing_perusahaan ,
80 long_pembimbing_perusahaan FROM pembimbing_perusahaan WHERE
81 id_pembimbing = '". $id_pembimbing . "'";
82     $result = mysqli_query($this->connection, $query);
83     $row = mysqli_fetch_array($result);
84     $data = array(
85         "lat" => $row['lat_pembimbing_perusahaan'],
86         "lon" => $row['long_pembimbing_perusahaan']
87     );
88     if ($result){
89         return $data;
90     }else{
91         return false;
92     }
93 }
94 public function registrasi_perusahaan($id_intern, $id_mahasiswa,
95 $id_latitude_perusahaan, $longitude_perusahaan,
96 $foto_perusahaan, $id_dosen){
97     $query1 = "UPDATE detail_intern SET id_pembimbing_dt_intern='
98 $id_pembimbing', latitude_perusahaan='$latitude_perusahaan',
99 longitude_perusahaan='$longitude_perusahaan', foto_perusahaan='
100 $foto_perusahaan' WHERE id_intern_dt_intern = '$id_intern' AND
101 id_mahasiswa_dt_intern ='$id_mahasiswa' ";
102     $tgl_waktu = date("Y-m-d h:i:s");
103     $query2 = "INSERT INTO notifikasi(id_intern_notifikasi,
104 id_mahasiswa_notifikasi, id_dosen_notifikasi,
105 id_pembimbing_notifikasi, pesan_notifikasi, tgl_waktu_notifikasi)
106 VALUES ('$id_intern', '$id_mahasiswa', '$id_dosen', '$
107 $id_pembimbing', 'mendaftar ke perusahaan', '$tgl_waktu')";
108     $result1 = mysqli_query($this->connection, $query1);
109     $result2 = mysqli_query($this->connection, $query2);
110     if ($this->connection->affected_rows > 0 && $result1 &&
111 $result2) {
112         $json['status'] = 200;
113         $json['message'] = 'Berhasil melakukan registrasi
114 perusahaan';
115         echo json_encode($json);
116         mysqli_close($this->connection);
117         return true;
118     }else{
119         $json['status'] = 400;
120         $json['message'] = 'Gagal melakukan registrasi perusahaan
121 ';
122         echo json_encode($json);
123         mysqli_close($this->connection);
124         return false;
125     }
126 }

```

```

112 public function progress_mahasiswa($id_intern , $id_mahasiswa ,
113 $sort){
114     $query = "SET @rank=0;";
115     mysqli_query($this->connection , $query);
116     switch ($sort) {
117         case 'hari':
118             $query1 = "SELECT @rank:=@rank+1 AS rank , DAYOFYEAR(
119 tgl_waktu_absensi) as date , ROUND(COUNT(*) / 3 * 100, 2) as
120 percent , date(tgl_waktu_absensi) as tgl_waktu , status_absensi
121 FROM absensi WHERE id_intern_absensi='$id_intern' AND
122 id_mahasiswa_absensi = '$id_mahasiswa' AND status_absensi is not
123 null GROUP BY DAYOFYEAR(tgl_waktu_absensi) ORDER BY rank ASC";
124 $result1 = mysqli_query($this->connection , $query1);
125 if (mysqli_num_rows($result1) > 0) {
126     $datas = array();
127     while ($row = mysqli_fetch_array($result1)) {
128         $datas[] = array(
129             "sort" => "Hari ke-". $row['rank'],
130             "persen" => $row['percent'],
131             "tgl_waktu" => $row['tgl_waktu'],
132             "id_mahasiswa"=>$id_mahasiswa ,
133             "id_intern"=>$id_intern
134         );
135     }
136     $json['status'] = 201;
137     $json['message'] = 'Berhasil mengambil progress';
138     $json['data'] = $datas;
139     echo json_encode($json);
140     mysqli_close($this->connection);
141 } elseif (mysqli_num_rows($result1) == 0) {
142     $json['status'] = 300;
143     $json['message'] = 'Progress tidak ada';
144     echo json_encode($json);
145     mysqli_close($this->connection);
146 } else {
147     $json['status'] = 400;
148     $json['message'] = 'Gagal mengambil progress';
149     echo json_encode($json);
150     mysqli_close($this->connection);
151 }
152 break;
153 case 'minggu':
154     $query2 = "
155 SELECT @rank:=@rank+1 AS rank , WEEK(tgl_waktu_absensi,1)
156 as week , ROUND(COUNT(*) / 15 * 100, 2) as percent , status_absensi
157 FROM absensi WHERE id_intern_absensi='$id_intern' AND
158 id_mahasiswa_absensi = '$id_mahasiswa' AND status_absensi is not
159 null GROUP BY WEEK(tgl_waktu_absensi) ORDER BY rank ASC";
160 $result2 = mysqli_query($this->connection , $query2);
161 if (mysqli_num_rows($result2) > 0) {
162     $datas = array();
163     while ($row = mysqli_fetch_array($result2)) {
164         $datas[] = array(
165             "sort" => "Minggu ke-". $row['rank'],
166             "persen" => $row['percent']
167         );
168     }
169 }

```

```

158     }
159     $json['status'] = 202;
160     $json['message'] = 'Berhasil mengambil progress';
161     $json['data'] = $datas;
162     echo json_encode($json);
163     mysqli_close($this->connection);
164 } elseif (mysqli_num_rows($result2) == 0) {
165     $json['status'] = 300;
166     $json['message'] = 'Progress tidak ada';
167     echo json_encode($json);
168     mysqli_close($this->connection);
169 } else {
170     $json['status'] = 400;
171     $json['message'] = 'Gagal mengambil progress';
172     echo json_encode($json);
173     mysqli_close($this->connection);
174 }
175 break;
176 case 'bulan':
177     $query3 = "
178     SELECT @rank:=@rank+1 AS rank, MONTH(
179     tgl_waktu_absensi) as month, ROUND(COUNT(*) / 66 * 100, 2) as
180     percent, date(tgl_waktu_absensi) as tgl_waktu FROM absensi WHERE
181     id_intern_absensi=' $id_intern' AND id_mahasiswa_absensi = '
182     $id_mahasiswa' AND status_absensi is not null GROUP BY DAYOFYEAR(
183     tgl_waktu_absensi) ORDER BY rank ASC";
184     $result3 = mysqli_query($this->connection, $query3);
185     if (mysqli_num_rows($result3) > 0) {
186         $datas = array();
187         while ($row = mysqli_fetch_array($result3)) {
188             $datas[] = array(
189                 "sort" => "Bulan ke-". $row['rank'],
190                 "persen" => $row['percent']
191             );
192         }
193         $json['status'] = 203;
194         $json['message'] = 'Berhasil mengambil progress';
195         $json['data'] = $datas;
196         echo json_encode($json);
197         mysqli_close($this->connection);
198     } elseif (mysqli_num_rows($result3) == 0) {
199         $json['status'] = 300;
200         $json['message'] = 'Progress tidak ada';
201         echo json_encode($json);
202         mysqli_close($this->connection);
203     } else {
204         $json['status'] = 400;
205         $json['message'] = 'Gagal mengambil progress';
206         echo json_encode($json);
207         mysqli_close($this->connection);
208     }
209 }
210 break;
211 }
212 }
213 }
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208     $query = "SELECT tgl_waktu_absensi , nama_kegiatan ,
foto_absensi , pergeseran_absensi , status_absensi FROM absensi
INNER JOIN detail_absensi ON absensi.id_absensi = detail_absensi.
id_absensi_dt_absensi INNER JOIN kegiatan ON absensi.
id_kegiatan_absensi = kegiatan.id_kegiatan WHERE
id_intern_absensi ='$id_intern' AND id_mahasiswa_absensi ='
$id_mahasiswa' AND DATE('tgl_waktu_absensi ') = '$tgl' AND
status_absensi is not null";
209     $result = mysqli_query($this->connection , $query);
210     if (mysqli_num_rows($result) > 0){
211         $datas = array();
212         while ($row = mysqli_fetch_array($result)){
213             $datas[] = array(
214                 "tgl_waktu" => $row['tgl_waktu_absensi'],
215                 "kegiatan" => ucwords($row['nama_kegiatan']),
216                 "foto_absensi" => $row['foto_absensi'],
217                 "pergeseran" => $row['pergeseran_absensi']
218             );
219         }
220         $json['status'] = 200;
221         $json['message'] = 'Berhasil mengambil data';
222         $json['data'] = $datas;
223         echo json_encode($json);
224         mysqli_close($this->connection);
225     } elseif (mysqli_num_rows($result) == 0){
226         $json['status'] = 300;
227         $json['message'] = 'Data tidak ada';
228         echo json_encode($json);
229         mysqli_close($this->connection);
230     } else{
231         $json['status'] = $query;
232         $json['message'] = 'Gagal mengambil data';
233         echo json_encode($json);
234         mysqli_close($this->connection);
235     }
236 }
237 public function login_mahasiswa($user , $pass){
238     $query = "SELECT id_intern , id_mahasiswa , username , password ,
nama_mahasiswa , kelas_mahasiswa , angkatan_mahasiswa ,
foto_mahasiswa , nama_prodi , id_dosen , nama_dosen ,
nama_perusahaan_perusahaan as nama_perusahaan , status_perusahaan ,
id_pembimbing_dt_intern as id_pembimbing FROM user INNER JOIN
mahasiswa ON user.id_user = mahasiswa.id_mahasiswa INNER JOIN
prodi ON mahasiswa.id_prodi_mahasiswa = prodi.id_prodi INNER JOIN
detail_intern ON user.id_user = detail_intern.
id_mahasiswa_dt_intern INNER JOIN intern ON detail_intern.
id_intern_dt_intern = intern.id_intern INNER JOIN dosen ON
detail_intern.id_dosen_dt_intern = dosen.id_dosen INNER JOIN
pembimbing_perusahaan ON pembimbing_perusahaan.id_pembimbing =
detail_intern.id_pembimbing_dt_intern WHERE username='$user' AND
password='$pass' AND user.role_user='mahasiswa' AND user.
status_user='aktif' AND status_intern = 'berjalan'";
239     $result = mysqli_query($this->connection , $query);
240     $row = mysqli_fetch_array($result);
241     $id_intern = $row['id_intern'];

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242     if (mysqli_num_rows($result) > 0 && ($row['id_pembimbing'] !=
    "" || $row['id_pembimbing'] != null) && $row['status_perusahaan']
    ] == "diterima"){
243         $query = "SELECT id_intern_dt_intern as id_intern ,
id_mahasiswa , username , password , nama_mahasiswa , kelas_mahasiswa
, angkatan_mahasiswa , foto_mahasiswa , nama_prodi , id_dosen ,
nama_dosen , nama_perusahaan_perusahaan as nama_perusahaan ,
status_perusahaan , nama_pembimbing , id_pembimbing_dt_intern as
id_pembimbing , kontak_mahasiswa FROM user INNER JOIN mahasiswa ON
user.id_user = mahasiswa.id_mahasiswa INNER JOIN prodi ON
mahasiswa.id_prodi_mahasiswa = prodi.id_prodi INNER JOIN
detail_intern ON user.id_user = detail_intern .
id_mahasiswa_dt_intern INNER JOIN intern ON detail_intern .
id_intern_dt_intern = intern.id_intern INNER JOIN dosen ON
detail_intern.id_dosen_dt_intern = dosen.id_dosen INNER JOIN
pembimbing_perusahaan ON pembimbing_perusahaan.id_pembimbing =
detail_intern.id_pembimbing_dt_intern WHERE username='$user' AND
password='$pass' AND user.role_user='mahasiswa' AND user.
status_user='aktif' AND status_intern = 'berjalan'";
244     $result = mysqli_query($this->connection , $query);
245     $row = mysqli_fetch_array($result);
246     $data = array(
247         "id_intern" => $id_intern ,
248         "id_mahasiswa" => $row['id_mahasiswa'] ,
249         "username" => $row['username'] ,
250         "password" => $row['password'] ,
251         "nama_mahasiswa" => ucwords($row['nama_mahasiswa']) ,
252         "kelas_mahasiswa" => strtoupper($row['kelas_mahasiswa
    ']),
253         "angkatan_mahasiswa" => $row['angkatan_mahasiswa'] ,
254         "foto_mahasiswa" => $row['foto_mahasiswa'] ,
255         "nama_prodi" => ucwords($row['nama_prodi']) ,
256         "id_dosen" => $row['id_dosen'] ,
257         "nama_dosen" => ucwords($row['nama_dosen']) ,
258         "nama_pembimbing" => ucwords($row['nama_pembimbing'])
    ,
259         "id_pembimbing" => $row['id_pembimbing'] ,
260         "nama_perusahaan" => ucwords($row['nama_perusahaan'])
    ,
261         "kontak_mahasiswa" => $row['kontak_mahasiswa']
    );
262     $json['status'] = 201;
263     $json['message'] = 'Login berhasil';
264     $json['data'] = $data;
265     echo json_encode($json);
266     mysqli_close($this->connection);
267 }elseif (mysqli_num_rows($result) > 0 && ($row['id_pembimbing
    ' ] != "" || $row['id_pembimbing'] != null) && ($row['
    status_perusahaan'] == "" || $row['status_perusahaan'] == null)){
268     $data = array(
269         "id_intern" => $id_intern ,
270         "id_mahasiswa" => $row['id_mahasiswa'] ,
271         "username" => $row['username'] ,
272         "password" => $row['password'] ,
273         "nama_mahasiswa" => ucwords($row['nama_mahasiswa']) ,
274

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275         "kelas_mahasiswa" => strtoupper($row['kelas_mahasiswa
276     ']),
277     "angkatan_mahasiswa" => $row['angkatan_mahasiswa'],
278     "foto_mahasiswa" => $row['foto_mahasiswa'],
279     "nama_prodi" => ucwords($row['nama_prodi']),
280     "id_dosen" => $row['id_dosen'],
281     "nama_dosen" => ucwords($row['nama_dosen']),
282     "nama_perusahaan" => ucwords($row['nama_perusahaan'])
283 );
284 $json['status'] = 203;
285 $json['message'] = 'Login berhasil';
286 $json['data'] = $data;
287 echo json_encode($json);
288 mysqli_close($this->connection);
289 }else{
290     $query = "SELECT id_intern_dt_intern as id_intern ,
291 id_mahasiswa, username, password, nama_mahasiswa, kelas_mahasiswa ,
292 angkatan_mahasiswa, foto_mahasiswa, nama_prodi, id_dosen ,
293 nama_dosen, kode_otp, status_perusahaan, id_pembimbing_dt_intern
294 as id_pembimbing FROM user INNER JOIN mahasiswa ON user.id_user =
295 mahasiswa.id_mahasiswa INNER JOIN prodi ON mahasiswa.
296 id_prodi_mahasiswa = prodi.id_prodi INNER JOIN detail_intern ON
297 user.id_user = detail_intern.id_mahasiswa_dt_intern INNER JOIN
298 intern ON detail_intern.id_intern_dt_intern = intern.id_intern
299 INNER JOIN dosen ON detail_intern.id_dosen_dt_intern = dosen.
300 id_dosen WHERE username='$user' AND password='$pass' AND user.
301 role_user='mahasiswa' AND user.status_user='aktif' AND
302 status_intern = 'berjalan';
303 $result = mysqli_query($this->connection, $query);
304 $row = mysqli_fetch_array($result);
305 if (mysqli_num_rows($result) > 0 && ($row['id_pembimbing'
306 ] == "" || $row['id_pembimbing'] == null) && ($row['
307 status_perusahaan'] == "" || $row['status_perusahaan'] == null)
308 && $row['kode_otp'] == '-') {
309     $data = array(
310         "id_intern" => $row['id_intern'],
311         "id_mahasiswa" => $row['id_mahasiswa'],
312         "username" => $row['username'],
313         "password" => $row['password'],
314         "nama_mahasiswa" => ucwords($row['nama_mahasiswa'
315 ]),
316         "kelas_mahasiswa" => strtoupper($row['
317 kelas_mahasiswa']),
318         "angkatan_mahasiswa" => $row['angkatan_mahasiswa'
319 ],
320         "foto_mahasiswa" => $row['foto_mahasiswa'],
321         "nama_prodi" => ucwords($row['nama_prodi']),
322         "id_dosen" => $row['id_dosen'],
323         "nama_dosen" => ucwords($row['nama_dosen'])
324     );
325     $json['status'] = 202;
326     $json['message'] = 'Login berhasil';
327     $json['data'] = $data;
328     echo json_encode($json);
329     mysqli_close($this->connection);
330 }else{

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312         $json['status'] = 400;
313         $json['message'] = 'Username dan password salah';
314         echo json_encode($json);
315         mysqli_close($this->connection);
316     }
317 }
318 }
319 public function registrasi_mahasiswa($kode_otp){
320     $query = "SELECT kode_otp FROM mahasiswa WHERE kode_otp = '
321     $kode_otp'";
322     $result = mysqli_query($this->connection, $query);
323     $row = mysqli_fetch_array($result);
324     if (mysqli_num_rows($result) > 0) {
325         $query = "UPDATE mahasiswa SET kode_otp='-' WHERE
326         kode_otp='$kode_otp'";
327         $result = mysqli_query($this->connection, $query);
328         if ($this->connection->affected_rows > 0 && $result){
329             $json['status'] = 200;
330             $json['message'] = 'Registrasi berhasil';
331             echo json_encode($json);
332             mysqli_close($this->connection);
333         }else{
334             $json['status'] = 400;
335             $json['message'] = 'Registrasi gagal';
336             echo json_encode($json);
337             mysqli_close($this->connection);
338         }
339     }else{
340         $json['status'] = 400;
341         $json['message'] = 'Registrasi gagal';
342         echo json_encode($json);
343         mysqli_close($this->connection);
344     }
345 }
346 public function list_notifikasi($id_intern, $id_mahasiswa){
347     $query = "SELECT id_intern, nama_pembimbing, pesan_notifikasi
348     , nama_perusahaan_perusahaan, tgl_waktu_notifikasi FROM
349     notifikasi INNER JOIN pembimbing_perusahaan ON id_pembimbing =
350     id_pembimbing_notifikasi INNER JOIN mahasiswa ON id_mahasiswa =
351     id_mahasiswa_notifikasi INNER JOIN intern ON id_intern =
352     id_intern_notifikasi WHERE id_mahasiswa_notifikasi=' $id_mahasiswa
353     ' AND id_intern_notifikasi=' $id_intern ' ORDER BY
354     tgl_waktu_notifikasi DESC";
355     $result = mysqli_query($this->connection, $query);
356     if (mysqli_num_rows($result) > 0){
357         $datas = array();
358         $kalimat1 = "melakukan absensi pada";
359         $kalimat2 = "mengkonfirmasi absensi";
360         $kalimat3 = "mendaftar ke perusahaan";
361         $kalimat4 = "mengkonfirmasi pendaftaran";
362         while ($row = mysqli_fetch_array($result)){
363             $pesan = "";
364             if (preg_match("~\b" . $row['pesan_notifikasi'] . "\b
365             ~", $kalimat1)){
366                 $pesan = "Anda " . $row['pesan_notifikasi'];

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357         }elseif (preg_match("~\b" . $row['pesan_notifikasi']
358         . "\b~", $kalimat2)){
359             $pesan = ucwords(($row['nama_pembimbing'])) . " "
360             . $row['pesan_notifikasi'] . " Anda pada";
361         }elseif (preg_match("~\b" . $row['pesan_notifikasi']
362         . "\b~", $kalimat3)){
363             $pesan = "Anda " . $row['pesan_notifikasi'] . " "
364             . ucwords(($row['nama_perusahaan_perusahaan'])) . " pada";
365         }elseif (preg_match("~\b" . $row['pesan_notifikasi']
366         . "\b~", $kalimat4)){
367             $pesan = ucwords(($row['nama_pembimbing'])) . " "
368             . $row['pesan_notifikasi'] . " Anda pada";
369         }
370         $datas[] = array(
371             "id_intern" => $row['id_intern'],
372             "pesan" => $pesan . " " . date_format(date_create
373             ($row['tgl_waktu_notifikasi']), 'd F Y \p\u\k\u\l G:i A') ,
374             "tgl_waktu" => $row['tgl_waktu_notifikasi']
375         );
376     }
377     $json['status'] = 200;
378     $json['message'] = 'Berhasil mengambil notifikasi';
379     $json['data'] = $datas;
380     echo json_encode($json);
381     mysqli_close($this->connection);
382 }elseif (mysqli_num_rows($result) == 0){
383     $json['status'] = 300;
384     $json['message'] = 'Notifikasi tidak ada';
385     echo json_encode($json);
386     mysqli_close($this->connection);
387 }else{
388     $json['status'] = 400;
389     $json['message'] = 'Gagal mengambil notifikasi';
390     echo json_encode($json);
391     mysqli_close($this->connection);
392 }
393 }
394
395 public function ubah_username($id_mahasiswa, $username){
396     $query = "UPDATE user SET username='$username' WHERE id_user
397     ='$id_mahasiswa'";
398     $result = mysqli_query($this->connection, $query);
399     if ($this->connection->affected_rows > 0 && $result){
400         $json['status'] = 200;
401         $json['message'] = 'Username berhasil diubah';
402         echo json_encode($json);
403         mysqli_close($this->connection);
404     }else{
405         $json['status'] = 400;
406         $json['message'] = 'Username gagal diubah';
407         echo json_encode($json);
408         mysqli_close($this->connection);
409     }
410 }
411
412 public function ubah_nama($id_mahasiswa, $nama){
413     $query = "UPDATE mahasiswa SET nama_mahasiswa='$nama' WHERE
414     id_mahasiswa='$id_mahasiswa'";

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404     $result = mysqli_query($this->connection, $query);
405     if ($this->connection->affected_rows > 0 && $result){
406         $json['status'] = 200;
407         $json['message'] = 'Nama berhasil diubah';
408         echo json_encode($json);
409         mysqli_close($this->connection);
410     }else{
411         $json['status'] = 400;
412         $json['message'] = 'Nama gagal diubah';
413         echo json_encode($json);
414         mysqli_close($this->connection);
415     }
416 }
417 public function ubah_kelas($id_mahasiswa, $kelas){
418     $query = "UPDATE mahasiswa SET kelas_mahasiswa='$kelas' WHERE
419     id_mahasiswa='$id_mahasiswa'";
420     $result = mysqli_query($this->connection, $query);
421     if ($this->connection->affected_rows > 0 && $result){
422         $json['status'] = 200;
423         $json['message'] = 'Nama berhasil diubah';
424         echo json_encode($json);
425         mysqli_close($this->connection);
426     }else{
427         $json['status'] = 400;
428         $json['message'] = 'Nama gagal diubah';
429         echo json_encode($json);
430         mysqli_close($this->connection);
431     }
432 }
433 public function ubah_angkatan($id_mahasiswa, $angkatan){
434     $query = "UPDATE mahasiswa SET angkatan_mahasiswa='$angkatan'
435     WHERE id_mahasiswa='$id_mahasiswa'";
436     $result = mysqli_query($this->connection, $query);
437     if ($this->connection->affected_rows > 0 && $result){
438         $json['status'] = 200;
439         $json['message'] = 'Nama berhasil diubah';
440         echo json_encode($json);
441         mysqli_close($this->connection);
442     }else{
443         $json['status'] = 400;
444         $json['message'] = 'Nama gagal diubah';
445         echo json_encode($json);
446         mysqli_close($this->connection);
447     }
448 }
449 public function ubah_kontak($id_mahasiswa, $kontak){
450     $query = "UPDATE mahasiswa SET kontak_mahasiswa='$kontak'
451     WHERE id_mahasiswa='$id_mahasiswa'";
452     $result = mysqli_query($this->connection, $query);
453     if ($this->connection->affected_rows > 0 && $result){
454         $json['status'] = 200;
455         $json['message'] = 'Kontak berhasil diubah';
456         echo json_encode($json);
457         mysqli_close($this->connection);
458     }else{
459         $json['status'] = 400;

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457         $json['message'] = 'Kontak gagal diubah';
458         echo json_encode($json);
459         mysqli_close($this->connection);
460     }
461 }
462 public function ubah_foto($id_mahasiswa, $foto){
463     $query = "UPDATE mahasiswa SET foto_mahasiswa='$foto' WHERE
id_mahasiswa='$id_mahasiswa'";
464     $result = mysqli_query($this->connection, $query);
465     if ($this->connection->affected_rows > 0 && $result){
466         $json['status'] = 200;
467         $json['message'] = 'Foto berhasil diubah';
468         echo json_encode($json);
469         mysqli_close($this->connection);
470         return true;
471     }else{
472         $json['status'] = 400;
473         $json['message'] = 'Foto gagal diubah';
474         echo json_encode($json);
475         mysqli_close($this->connection);
476         return false;
477     }
478 }
479 public function ubah_password($id_mahasiswa, $password){
480     $query = "UPDATE user SET password='$password' WHERE id_user
='id_mahasiswa'";
481     $result = mysqli_query($this->connection, $query);
482     if ($this->connection->affected_rows > 0 && $result){
483         $json['status'] = 200;
484         $json['message'] = 'Password berhasil diubah';
485         echo json_encode($json);
486         mysqli_close($this->connection);
487     }else{
488         $json['status'] = 400;
489         $json['message'] = 'Password gagal diubah';
490         echo json_encode($json);
491         mysqli_close($this->connection);
492     }
493 }
494 public function distance($lat1, $lon1, $lat2, $lon2){
495     if (($lat1 == $lat2) && ($lon1 == $lon2)){
496         return 0;
497     }else{
498         $theta = $lon1 - $lon2;
499         $dist = sin(deg2rad($lat1)) * sin(deg2rad($lat2)) + cos(
deg2rad($lat1)) * cos(deg2rad($lat2)) * cos(deg2rad($theta));
500         $dist = acos($dist);
501         $dist = rad2deg($dist);
502         $miles = $dist * 60 * 1.1515;
503         return round(($miles * 1.609344) * 1000, 0);
504     }
505 }
506 }

```

Selanjutnya tambahkan script berikut di file mahasiswa_absensi.php pada folder mahasiswa.

```

1 <?php
2 include('mahasiswa.php');
3 header('Content-Type: application/json');
4 $m = new Mahasiswa();
5 if (isset($_POST['id_intern'], $_POST['id_mahasiswa'], $_POST['id_dosen'], $_POST['latitude_absensi'], $_POST['longitude_absensi'], $_POST['imei_perangkat'], $_POST['id_pembimbing'], $_POST['id_kegiatan'], $_FILES['foto_absensi']['name'], $_POST['tgl_waktu'], $_POST['catatan_absensi'])) {
6     $id_intern = $_POST['id_intern'];
7     $id_mahasiswa = $_POST['id_mahasiswa'];
8     $id_pembimbing = $_POST['id_pembimbing'];
9     $id_dosen = $_POST['id_dosen'];
10    $latitude_absensi = $_POST['latitude_absensi'];
11    $longitude_absensi = $_POST['longitude_absensi'];
12    $imei_perangkat = $_POST['imei_perangkat'];
13    $id_kegiatan = $_POST['id_kegiatan'];
14    $tgl_waktu = $_POST['tgl_waktu'];
15    $foto_absensi = $_FILES['foto_absensi']['name'];
16    $temp_foto_absensi = $_FILES['foto_absensi']['tmp_name'];
17    $catatan = $_POST['catatan_absensi'];
18    $dir_absensi = "../images/absensi/";
19    if (!empty($id_intern) && !empty($id_mahasiswa) && !empty($id_dosen) && !empty($latitude_absensi) && !empty($longitude_absensi) && !empty($imei_perangkat) && !empty($id_kegiatan) && !empty($tgl_waktu) && !empty($foto_absensi) && !empty($id_pembimbing) && !empty($catatan)) {
20        $take_absensi = $m->ambil_absensi($id_intern, $id_mahasiswa, $id_dosen, $latitude_absensi, $longitude_absensi, $imei_perangkat, $id_kegiatan, $foto_absensi, $tgl_waktu, $id_pembimbing, $catatan);
21        if ($take_absensi) {
22            $upload = move_uploaded_file($temp_foto_absensi, $dir_absensi.$foto_absensi);
23            if (!$upload) {
24                $json['status'] = 400;
25                $json['message'] = 'Gambar gagal terupload';
26                echo json_encode($json);
27            }
28        }
29    } else {
30        $json['status'] = 100;
31        $json['message'] = 'Field tidak boleh kosong';
32        echo json_encode($json);
33    }
34 } else {
35     $json['status'] = 100;
36     $json['message'] = 'Field tidak boleh kosong';
37     echo json_encode($json);
38 }

```

Setelah itu, tambahkan script berikut di file mahasiswa_kegiatan.php pada folder mahasiswa.

```

1 <?php
2 include('mahasiswa.php');
3 header('Content-Type: application/json');

```

```

4 $m = new Mahasiswa();
5 $m->list_kegiatan();
6 ?>

```

Kemudian tambahkan script berikut di file mahasiswa_login.php pada folder mahasiswa.

```

1 <?php
2 include('mahasiswa.php');
3 header('Content-Type: application/json');
4 $m = new Mahasiswa();
5 if (isset($_POST['username'], $_POST['password'])) {
6     $user = $_POST['username'];
7     $pass = $_POST['password'];
8     if (!empty($user) && !empty($pass)) {
9         $m->login_mahasiswa($user, $pass);
10    } else {
11        $json['status'] = 100;
12        $json['message'] = 'Field tidak boleh kosong';
13        echo json_encode($json);
14    }
15 }
16 ?>

```

Selanjutnya tambahkan script berikut di file mahasiswa_notifikasi.php pada folder mahasiswa.

```

1 <?php
2 include('mahasiswa.php');
3 header('Content-Type: application/json');
4 $m = new Mahasiswa();
5 if (isset($_POST['id_intern'], $_POST['id_mahasiswa'])) {
6     $id_intern = $_POST['id_intern'];
7     $id_mahasiswa = $_POST['id_mahasiswa'];
8     if (!empty($id_intern) && !empty($id_mahasiswa)) {
9         $m->list_notifikasi($id_intern, $id_mahasiswa);
10    } else {
11        $json['status'] = 100;
12        $json['message'] = 'Field tidak boleh kosong';
13        echo json_encode($json);
14    }
15 } else {
16     $json['status'] = 100;
17     $json['message'] = 'Field tidak boleh kosong';
18     echo json_encode($json);
19 }

```

Setelah itu, tambahkan script berikut di file mahasiswa_pembimbing.php pada folder mahasiswa.

```

1 <?php
2 include('mahasiswa.php');
3 header('Content-Type: application/json');
4 $m = new Mahasiswa();
5 $m->list_pembimbing();
6 ?>

```

Kemudian tambahkan script berikut di file mahasiswa_perusahaan.php pada folder mahasiswa.

```

1 <?php
2 include('mahasiswa.php');
3 header('Content-Type: application/json');
4 $m = new Mahasiswa();
5 if (isset($_POST['id_intern'], $_POST['id_mahasiswa'], $_POST['id_pembimbing'], $_POST['latitude_perusahaan'], $_POST['id_dosen'], $_POST['longitude_perusahaan'], $_FILES['foto_perusahaan']['name'])) {
6     $id_intern = $_POST['id_intern'];
7     $id_mahasiswa = $_POST['id_mahasiswa'];
8     $id_dosen = $_POST['id_dosen'];
9     $id_pembimbing = $_POST['id_pembimbing'];
10    $latitude_perusahaan = $_POST['latitude_perusahaan'];
11    $longitude_perusahaan = $_POST['longitude_perusahaan'];
12    $foto_perusahaan = $_FILES['foto_perusahaan']['name'];
13    $temp_foto_perusahaan = $_FILES['foto_perusahaan']['tmp_name'];
14    $dir_perusahaan = "../images/perusahaan/";
15    if (!empty($id_dosen) && !empty($id_intern) && !empty($id_mahasiswa) && !empty($id_pembimbing) && !empty($latitude_perusahaan) && !empty($longitude_perusahaan) && !empty($foto_perusahaan)) {
16        if ($m->get_distance($id_pembimbing) == false) {
17            $json['status'] = 400;
18            $json['message'] = 'Jarak kosong';
19            echo json_encode($json);
20        } else {
21            $distance = $m->get_distance($id_pembimbing);
22            $gap = $m->distance($latitude_perusahaan, $longitude_perusahaan, $distance['lat'], $distance['lon']);
23            if ($gap > 500) {
24                $json['status'] = 300;
25                $json['message'] = 'Jarak terlalu jauh, '.$gap;
26                $latitude_perusahaan, $longitude_perusahaan, $distance['lat'], $distance['lon'];
27                echo json_encode($json);
28            } else {
29                $registrasi_perusahaan = $m->registrasi_perusahaan($id_intern, $id_mahasiswa, $id_pembimbing, $latitude_perusahaan, $longitude_perusahaan, $foto_perusahaan, $id_dosen);
30                if ($registrasi_perusahaan) {
31                    $upload = move_uploaded_file($temp_foto_perusahaan, $dir_perusahaan.$foto_perusahaan);
32                    if (!$upload) {
33                        $json['status'] = 400;
34                        $json['message'] = 'Gambar gagal terupload';
35                        echo json_encode($json);
36                    }
37                }
38            }
39        } else {
40            $json['status'] = 100;
41            $json['message'] = 'Field tidak boleh kosong';
42            echo json_encode($json);

```



```

43     }
44 } else {
45     $json['status'] = 100;
46     $json['message'] = 'Field tidak boleh kosong';
47     echo json_encode($json);
48 }

```

Selanjutnya tambahkan script berikut di file mahasiswa_progress_harian.php pada folder mahasiswa.

```

1 <?php
2 include('mahasiswa.php');
3 header('Content-Type: application/json');
4 $m = new Mahasiswa();
5 if (isset($_POST['id_intern'], $_POST['id_mahasiswa'], $_POST['tgl']))
6     {
7         $id_intern = $_POST['id_intern'];
8         $id_mahasiswa = $_POST['id_mahasiswa'];
9         $tgl = $_POST['tgl'];
10        if (!empty($id_intern) && !empty($id_mahasiswa) && !empty($tgl))
11        {
12            $m->progress_mahasiswa_perhari($id_intern, $id_mahasiswa,
13            $tgl);
14        } else {
15            $json['status'] = 100;
16            $json['message'] = 'Field tidak boleh kosong';
17            echo json_encode($json);
18        }
19    }
20 }
21 ?>

```

Setelah itu, tambahkan script berikut di file mahasiswa_progress.php pada folder mahasiswa.

```

1 <?php
2 include('mahasiswa.php');
3 header('Content-Type: application/json');
4 $m = new Mahasiswa();
5 if (isset($_POST['id_intern'], $_POST['id_mahasiswa'], $_POST['sort']))
6     {
7         $id_mahasiswa = $_POST['id_mahasiswa'];
8         $id_intern = $_POST['id_intern'];
9         $sort = $_POST['sort'];
10        if (!empty($id_intern) && !empty($id_mahasiswa) && !empty($sort))
11        {
12            $m->progress_mahasiswa($id_intern, $id_mahasiswa, $sort);
13        } else {
14            $json['status'] = 100;
15            $json['message'] = 'Field tidak boleh kosong';
16            echo json_encode($json);
17        }
18    } else {
19        $json['status'] = 100;
20        $json['message'] = 'Field tidak boleh kosong';
21        echo json_encode($json);
22    }
23 }
24 }

```

Kemudian tambahkan script berikut di file mahasiswa_registrasi.php pada folder mahasiswa.

```

1 <?php
2 include('mahasiswa.php');
3 header('Content-Type: application/json');
4 $m = new Mahasiswa();
5 if (isset($_POST['kode_otp'])) {
6     $kode_otp = $_POST['kode_otp'];
7     if (!empty($kode_otp)) {
8         $m->registrasi_mahasiswa($kode_otp);
9     } else {
10         $json['status'] = 100;
11         $json['message'] = 'Field tidak boleh kosong';
12         echo json_encode($json);
13     }
14 }
15 ?>

```

Selanjutnya tambahkan script berikut di file mahasiswa_ubah.php pada folder mahasiswa.

```

1 <?php
2 include('mahasiswa.php');
3 header('Content-Type: application/json');
4 $m = new Mahasiswa();
5 $id_mahasiswa = $_POST['id_mahasiswa'];
6 if (isset($_POST['username'])) $username = $_POST['username'];
7 if (isset($_POST['nama'])) $nama = $_POST['nama'];
8 if (isset($_POST['kelas'])) $kelas = $_POST['kelas'];
9 if (isset($_POST['angkatan'])) $angkatan = $_POST['angkatan'];
10 if (isset($_POST['kontak'])) $kontak = $_POST['kontak'];
11 if (isset($_POST['password'])) $password = $_POST['password'];
12 if (isset($_FILES['foto']['name'])) {
13     $foto = $_FILES['foto']['name'];
14     $temp_foto = $_FILES['foto']['tmp_name'];
15     $dir_mahasiswa = "../images/mahasiswa/";
16 }
17 if (!empty($id_mahasiswa) && !empty($username)) {
18     $m->ubah_username($id_mahasiswa, $username);
19 } elseif (!empty($id_mahasiswa) && !empty($nama)) {
20     $m->ubah_nama($id_mahasiswa, $nama);
21 } elseif (!empty($id_mahasiswa) && !empty($kelas)) {
22     $m->ubah_kelas($id_mahasiswa, $kelas);
23 } elseif (!empty($id_mahasiswa) && !empty($angkatan)) {
24     $m->ubah_angkatan($id_mahasiswa, $angkatan);
25 } elseif (!empty($id_mahasiswa) && !empty($kontak)) {
26     $m->ubah_kontak($id_mahasiswa, $kontak);
27 } elseif (!empty($id_mahasiswa) && !empty($password)) {
28     $m->ubah_password($id_mahasiswa, $password);
29 } elseif (!empty($id_mahasiswa) && !empty($foto)) {
30     $result = $m->ubah_foto($id_mahasiswa, $foto);
31     if ($result) {
32         $upload = move_uploaded_file($temp_foto, $dir_mahasiswa.$foto);
33         if (!$upload) {
34             $json['status'] = 400;

```

```

35         $json['message'] = 'Gambar gagal terupload';
36         echo json_encode($json);
37     }
38 }
39 } else {
40     $json['status'] = 100;
41     $json['message'] = 'Field tidak boleh kosong';
42     echo json_encode($json);
43 }

```

Setelah itu, tambahkan script berikut di file pembimbing.php pada folder pembimbing.

```

1 <?php
2 include('../conn.php');
3 header('Content-Type: application/json');
4 class Pembimbing{
5     private $db;
6     private $connection;
7     public function __construct() {
8         $this->db = new Connection();
9         $this->connection = $this->db->get_connection();
10    }
11    public function registrasi-pembimbing($nama_pembimbing,
12        $kontak_pembimbing, $nama_perusahaan, $username, $password,
13        $latitude_perusahaan, $longitude_perusahaan){
14        $query1 = "SELECT nama_pembimbing FROM pembimbing-perusahaan"
15        ;
16        $result1 = mysqli_query($this->connection, $query1);
17        $query2 = "SELECT username FROM user WHERE username='
18        $username'";
19        $result2 = mysqli_query($this->connection, $query2);
20        if (mysqli_num_rows($result1) > 0 && mysqli_num_rows($result2
21        ) == 0) {
22            $query1 = "INSERT INTO pembimbing-perusahaan (
23            nama_pembimbing, nama_perusahaan-perusahaan,
24            lat_pembimbing-perusahaan, long_pembimbing-perusahaan,
25            kontak_pembimbing) VALUES ('$nama_pembimbing', '$nama_perusahaan
26            ', '$latitude_perusahaan', '$longitude_perusahaan', '$
27            $kontak_pembimbing')";
28            $query2 = "INSERT INTO user VALUES ((SELECT
29            LAST_INSERT_ID(id_pembimbing) FROM pembimbing-perusahaan ORDER BY
30            id_pembimbing DESC LIMIT 1), '$username', '$password', 'tidak
31            aktif', 'pembimbing')";
32            $result1 = mysqli_query($this->connection, $query1);
33            $result2 = mysqli_query($this->connection, $query2);
34            if ($result1 && $result2) {
35                $json['status'] = 200;
36                $json['message'] = 'Registrasi berhasil';
37                echo json_encode($json);
38                mysqli_close($this->connection);
39            } else {
40                $json['status'] = 400;
41                $json['message'] = 'Registrasi gagal';
42                echo json_encode($json);
43                mysqli_close($this->connection);
44            }
45        }
46    }

```

```

32     } else if (mysqli_num_rows($result2) == 0) {
33         $query3 = "ALTER TABLE pembimbing_perusahaan
AUTO.INCREMENT = 1";
34         $query1 = "INSERT INTO pembimbing_perusahaan (
id_pembimbing, nama_pembimbing, nama_perusahaan_perusahaan,
lat_pembimbing_perusahaan, long_pembimbing_perusahaan,
kontak_pembimbing) VALUES (190001, '$nama_pembimbing', '$nama_perusahaan', '$latitude_perusahaan', '$longitude_perusahaan', '$kontak_pembimbing')";
35         $query2 = "INSERT INTO user VALUES ((SELECT
LAST_INSERT_ID(id_pembimbing) FROM pembimbing_perusahaan ORDER BY
id_pembimbing DESC LIMIT 1), '$username', '$password', 'tidak
aktif', 'pembimbing')";
36         mysqli_query($this->connection, $query3);
37         $result1 = mysqli_query($this->connection, $query1);
38         $result2 = mysqli_query($this->connection, $query2);
39         if ($result1 && $result2) {
40             $json['status'] = 200;
41             $json['message'] = 'Registrasi berhasil';
42             echo json_encode($json);
43             mysqli_close($this->connection);
44         } else {
45             $json['status'] = 400;
46             $json['message'] = 'Registrasi gagal';
47             echo json_encode($json);
48             mysqli_close($this->connection);
49         }
50     } else {
51         $json['status'] = 400;
52         $json['message'] = 'Registrasi gagal';
53         echo json_encode($json);
54         mysqli_close($this->connection);
55     }
56 }
57 public function login_pembimbing($user, $pass){
58     $query = "SELECT id_pembimbing, username, password,
nama_pembimbing, nama_perusahaan_perusahaan, kontak_pembimbing,
foto_pembimbing FROM user INNER JOIN pembimbing_perusahaan ON
user.id_user = pembimbing_perusahaan.id_pembimbing WHERE username
='$user' AND password='$pass' AND status_user='aktif' AND
role_user='pembimbing'";
59     $result = mysqli_query($this->connection, $query);
60     if (mysqli_num_rows($result) > 0) {
61         $row = mysqli_fetch_array($result);
62         $data = array(
63             "username" => $row['username'],
64             "password" => $row['password'],
65             "id_pembimbing" => $row['id_pembimbing'],
66             "nama_pembimbing" => ucwords($row['nama_pembimbing'])
        ,
67             "nama_perusahaan" => ucwords($row['
nama_perusahaan_perusahaan']),
68             "foto_pembimbing" => $row['foto_pembimbing'],
69             "kontak_pembimbing" => $row['kontak_pembimbing']
70         );
71         $json['status'] = 200;

```

```

72     $json['message'] = 'Login berhasil';
73     $json['data'] = $data;
74     echo json_encode($json);
75     mysqli_close($this->connection);
76 } elseif (mysqli_num_rows($result) == 0) {
77     $json['status'] = 300;
78     $json['message'] = 'Username atau password salah';
79     echo json_encode($json);
80     mysqli_close($this->connection);
81 } else {
82     $json['status'] = 400;
83     $json['message'] = 'Gagal melakukan login';
84     echo json_encode($json);
85     mysqli_close($this->connection);
86 }
87 }
88 public function list_konfirm_absensi($id_pembimbing) {
89     $query = "SELECT id_absensi, id_intern, id_mahasiswa,
90 id_dosen_absensi as id_dosen, nama_mahasiswa, foto_mahasiswa,
91 kontak_mahasiswa, nama_prodi, nama_kegiatan, tgl_waktu_absensi
92 FROM absensi INNER JOIN mahasiswa ON absensi.id_mahasiswa_absensi
93 = mahasiswa.id_mahasiswa INNER JOIN prodi ON mahasiswa.
94 id_prodi_mahasiswa = prodi.id_prodi INNER JOIN kegiatan ON
95 kegiatan.id_kegiatan = absensi.id_kegiatan_absensi INNER JOIN
96 intern ON absensi.id_intern_absensi = intern.id_intern WHERE
97 id_pembimbing_absensi='$id_pembimbing' AND intern.status_intern='
98 berjalan' AND (status_absensi IS NULL OR status_absensi = '')
99 ORDER BY id_absensi DESC";
100     $result = mysqli_query($this->connection, $query);
101     if (mysqli_num_rows($result) > 0) {
102         $datas = array();
103         while ($row = mysqli_fetch_array($result)) {
104             $datas[] = array(
105                 "id_absensi" => $row['id_absensi'],
106                 "id_intern" => $row['id_intern'],
107                 "id_mahasiswa" => $row['id_mahasiswa'],
108                 "nama_mahasiswa" => ucwords($row['nama_mahasiswa'],
109
110                 "foto_mahasiswa" => $row['foto_mahasiswa'],
111                 "kontak_mahasiswa" => $row['kontak_mahasiswa'],
112                 "nama_prodi" => ucwords($row['nama_prodi']),
113                 "kegiatan" => ucfirst($row['nama_kegiatan']),
114                 "tgl_waktu" => $row['tgl_waktu_absensi'],
115                 "id_dosen" => $row['id_dosen']
116             );
117         }
118         $json['status'] = 200;
119         $json['message'] = 'Berhasil mengambil konfirmasi';
120         $json['data'] = $datas;
121         echo json_encode($json);
122         mysqli_close($this->connection);
123     } elseif (mysqli_num_rows($result) == 0) {
124         $json['status'] = 300;
125         $json['message'] = 'Konfirmasi tidak ada';
126         echo json_encode($json);
127         mysqli_close($this->connection);

```

```

117     } else {
118         $json['status'] = 400;
119         $json['message'] = 'Gagal mengambil konfirmasi';
120         echo json_encode($json);
121         mysqli_close($this->connection);
122     }
123 }
124 public function list_konfirm_mahasiswa($id_pembimbing) {
125     $query = "SELECT id_intern, id_mahasiswa, id_dosen_dt_intern
as id_dosen, nama_mahasiswa, foto_mahasiswa, kontak_mahasiswa,
nama_prodi FROM detail_intern INNER JOIN intern ON detail_intern.
id_intern_dt_intern = intern.id_intern INNER JOIN mahasiswa ON
detail_intern.id_mahasiswa_dt_intern = mahasiswa.id_mahasiswa
INNER JOIN prodi ON mahasiswa.id_prodi_mahasiswa = prodi.id_prodi
WHERE id_pembimbing_dt_intern='$id_pembimbing' AND intern.
status_intern='berjalan' AND (status_perusahaan IS NULL OR
status_perusahaan = '')";
126     $result = mysqli_query($this->connection, $query);
127     if (mysqli_num_rows($result) > 0) {
128         $datas = array();
129         while ($row = mysqli_fetch_array($result)) {
130             $datas[] = array(
131                 "id_intern" => $row['id_intern'],
132                 "id_mahasiswa" => $row['id_mahasiswa'],
133                 "nama_mahasiswa" => ucwords($row['nama_mahasiswa'
134             ]),
135                 "foto_mahasiswa" => $row['foto_mahasiswa'],
136                 "kontak_mahasiswa" => $row['kontak_mahasiswa'],
137                 "nama_prodi" => ucwords($row['nama_prodi']),
138                 "id_dosen" => $row['id_dosen']
139             );
140         }
141         $json['status'] = 200;
142         $json['message'] = 'Berhasil mengambil konfirmasi';
143         $json['data'] = $datas;
144         echo json_encode($json);
145         mysqli_close($this->connection);
146     } elseif (mysqli_num_rows($result) == 0) {
147         $json['status'] = 300;
148         $json['message'] = 'Konfirmasi tidak ada';
149         echo json_encode($json);
150         mysqli_close($this->connection);
151     } else {
152         $json['status'] = 400;
153         $json['message'] = 'Gagal mengambil konfirmasi';
154         echo json_encode($json);
155         mysqli_close($this->connection);
156     }
157 }
158 public function list_notifikasi($id_pembimbing){
    $query = "SELECT id_intern, nama_mahasiswa, pesan_notifikasi,
    tgl_waktu_notifikasi FROM notifikasi INNER JOIN
    pembimbing_perusahaan ON id_pembimbing = id_pembimbing_notifikasi
    INNER JOIN mahasiswa ON id_mahasiswa = id_mahasiswa_notifikasi
    INNER JOIN intern ON id_intern = id_intern_notifikasi WHERE

```

```

id_pembimbing_notifikasi='Sid_pembimbing' AND status_intern='
berjalan' ORDER BY tgl_waktu_notifikasi DESC";
159     $result = mysqli_query($this->connection, $query);
160     if (mysqli_num_rows($result) > 0) {
161         $datas = array();
162         $kalimat1 = "melakukan absensi pada";
163         $kalimat2 = "mengkonfirmasi absensi";
164         $kalimat3 = "mendaftar ke perusahaan";
165         $kalimat4 = "mengkonfirmasi pendaftaran";
166         while ($row = mysqli_fetch_array($result)) {
167             $pesan = "";
168             if (preg_match("~\b" . $row['pesan_notifikasi'] . "\b
~", $kalimat1)) {
169                 $pesan = ucwords($row['nama_mahasiswa']) . " " .
$row['pesan_notifikasi'];
170             } elseif (preg_match("~\b" . $row['pesan_notifikasi']
. "\b~", $kalimat2)) {
171                 $pesan = "Anda " . $row['pesan_notifikasi'] . " "
. ucwords($row['nama_mahasiswa']) . " pada";
172             } elseif (preg_match("~\b" . $row['pesan_notifikasi']
. "\b~", $kalimat3)) {
173                 $pesan = ucwords(($row['nama_mahasiswa'])) . " "
. $row['pesan_notifikasi'] . " Anda pada";
174             } elseif (preg_match("~\b" . $row['pesan_notifikasi']
. "\b~", $kalimat4)) {
175                 $pesan = "Anda " . $row['pesan_notifikasi'] . " "
. ucwords($row['nama_mahasiswa']) . " pada";
176             }
177             $datas[] = array(
178                 "id_intern" => $row['id_intern'],
179                 "pesan" => $pesan . " " . date_format(date_create
($row['tgl_waktu_notifikasi']), 'd F Y \p\u\k\u\l G:i A'),
180                 "tgl_waktu" => $row['tgl_waktu_notifikasi']
181             );
182         }
183         $json['status'] = 200;
184         $json['message'] = 'Berhasil mengambil notifikasi';
185         $json['data'] = $datas;
186         echo json_encode($json);
187         mysqli_close($this->connection);
188     } elseif (mysqli_num_rows($result) == 0) {
189         $json['status'] = 300;
190         $json['message'] = 'Notifikasi tidak ada';
191         echo json_encode($json);
192         mysqli_close($this->connection);
193     } else {
194         $json['status'] = 400;
195         $json['message'] = 'Gagal mengambil notifikasi';
196         echo json_encode($json);
197         mysqli_close($this->connection);
198     }
199 }
200 public function konfirmasi_mahasiswa($id_intern, $id_pembimbing,
$Id_mahasiswa, $Id_dosen){
201     $query1 = "UPDATE detail_intern SET status_perusahaan='
diterima' WHERE id_pembimbing_dt_intern='Sid_pembimbing' AND

```

```

id_mahasiswa_dt_intern=' $id_mahasiswa' AND id_intern_dt_intern='
Sid_intern' AND (status_perusahaan IS NULL OR status_perusahaan =
''));
202     $result1 = mysqli_query($this->connection, $query1);
203     $tgl_waktu = date("Y-m-d h:i:s");
204     $query2 = "INSERT INTO notifikasi(id_intern_notifikasi,
id_mahasiswa_notifikasi, id_dosen_notifikasi,
id_pembimbing_notifikasi, pesan_notifikasi, tgl_waktu_notifikasi)
VALUES (' $id_intern', ' $id_mahasiswa', ' $id_dosen', '
Sid_pembimbing', 'mengkonfirmasi pendaftaran', ' $tgl_waktu')";
205     $result2 = mysqli_query($this->connection, $query2);
206     if ($this->connection->affected_rows > 0 && $result1 &&
$result2) {
207         $json['status'] = 200;
208         $json['message'] = 'Mahasiswa berhasil dikonfirmasi';
209         echo json_encode($json);
210         mysqli_close($this->connection);
211     } else {
212         $json['status'] = 400;
213         $json['message'] = 'Mahasiswa gagal dikonfirmasi';
214         echo json_encode($json);
215         mysqli_close($this->connection);
216     }
217 }

218
219 public function konfirmasi_absensi($id_intern, $id_pembimbing,
$id_mahasiswa, $id_dosen, $id_absensi){
220     $query1 = "UPDATE absensi SET status_absensi='diterima' WHERE
id_pembimbing_absensi=' $id_pembimbing' AND id_mahasiswa_absensi
=' $id_mahasiswa' AND id_intern_absensi=' $id_intern' AND
id_absensi=' $id_absensi'";
221     $result1 = mysqli_query($this->connection, $query1);
222     $tgl_waktu = date("Y-m-d h:i:s");
223     $query2 = "INSERT INTO notifikasi(id_intern_notifikasi,
id_mahasiswa_notifikasi, id_dosen_notifikasi,
id_pembimbing_notifikasi, pesan_notifikasi, tgl_waktu_notifikasi)
VALUES (' $id_intern', ' $id_mahasiswa', ' $id_dosen', '
Sid_pembimbing', 'mengkonfirmasi absensi', ' $tgl_waktu')";
224     $result2 = mysqli_query($this->connection, $query2);
225     if ($this->connection->affected_rows > 0 && $result1 &&
$result2) {
226         $json['status'] = 200;
227         $json['message'] = 'Absensi berhasil dikonfirmasi';
228         echo json_encode($json);
229         mysqli_close($this->connection);
230     } else {
231         $json['status'] = 400;
232         $json['message'] = 'Absensi gagal dikonfirmasi';
233         echo json_encode($json);
234         mysqli_close($this->connection);
235     }
236 }
237 public function list_mahasiswa($id_pembimbing) {
238     $query = "SELECT id_intern, id_mahasiswa, nama_mahasiswa,
foto_mahasiswa, kontak_mahasiswa, nama_prodi, angkatan_mahasiswa
FROM detail_intern INNER JOIN intern ON detail_intern."

```



```

id_intern_dt_intern = intern.id_intern INNER JOIN mahasiswa ON
detail_intern.id_mahasiswa_dt_intern = mahasiswa.id_mahasiswa
INNER JOIN prodi ON mahasiswa.id_prodi_mahasiswa = prodi.id_prodi
WHERE id_pembimbing_dt_intern=' $id_pembimbing' AND intern.
status_intern='berjalan' AND (status_perusahaan IS NOT NULL OR
status_perusahaan != '') ORDER BY nama_mahasiswa ASC";
239 $result = mysqli_query($this->connection, $query);
240 if (mysqli_num_rows($result) > 0) {
241     $datas = array();
242     while ($row = mysqli_fetch_array($result)) {
243         $datas[] = array(
244             "id_intern" => $row['id_intern'],
245             "id_mahasiswa" => $row['id_mahasiswa'],
246             "nama_mahasiswa" => ucwords($row['nama_mahasiswa'
]),
             "foto_mahasiswa" => $row['foto_mahasiswa'],
             "kontak_mahasiswa" => $row['kontak_mahasiswa'],
             "nama_prodi" => ucwords($row['nama_prodi']),
             "angkatan_mahasiswa" => $row['angkatan_mahasiswa'
]),
        );
251     }
252     $json['status'] = 200;
253     $json['message'] = 'Berhasil mengambil mahasiswa';
254     $json['data'] = $datas;
255     echo json_encode($json);
256     mysqli_close($this->connection);
257 } elseif (mysqli_num_rows($result) == 0) {
258     $json['status'] = 300;
259     $json['message'] = 'Mahasiswa tidak ada';
260     echo json_encode($json);
261     mysqli_close($this->connection);
262 } else {
263     $json['status'] = 400;
264     $json['message'] = 'Gagal mengambil mahasiswa';
265     echo json_encode($json);
266     mysqli_close($this->connection);
267 }
268 }
269 }
270 public function ubah_username($id_pembimbing, $username){
271     $query = "UPDATE user SET username=' $username' WHERE id_user
=' $id_pembimbing'";
272     $result = mysqli_query($this->connection, $query);
273     if ($this->connection->affected_rows > 0 && $result) {
274         $json['status'] = 200;
275         $json['message'] = 'Username berhasil diubah';
276         echo json_encode($json);
277         mysqli_close($this->connection);
278     } else {
279         $json['status'] = 400;
280         $json['message'] = 'Username gagal diubah';
281         echo json_encode($json);
282         mysqli_close($this->connection);
283     }
284 }
285 public function ubah_nama($id_pembimbing, $nama){

```

```

286     $query = "UPDATE pembimbing_perusahaan SET nama_pembimbing='
$nama' WHERE id_pembimbing='$id_pembimbing'";
287     $result = mysqli_query($this->connection, $query);
288     if ($this->connection->affected_rows > 0 && $result) {
289         $json['status'] = 200;
290         $json['message'] = 'Nama berhasil diubah';
291         echo json_encode($json);
292         mysqli_close($this->connection);
293     } else {
294         $json['status'] = 400;
295         $json['message'] = 'Nama gagal diubah';
296         echo json_encode($json);
297         mysqli_close($this->connection);
298     }
299 }
300 public function ubah_kontak($id_pembimbing, $kontak){
301     $query = "UPDATE pembimbing_perusahaan SET kontak_pembimbing
=' $kontak' WHERE id_pembimbing='$id_pembimbing'";
302     $result = mysqli_query($this->connection, $query);
303     if ($this->connection->affected_rows > 0 && $result) {
304         $json['status'] = 200;
305         $json['message'] = 'Kontak berhasil diubah';
306         echo json_encode($json);
307         mysqli_close($this->connection);
308     } else {
309         $json['status'] = 400;
310         $json['message'] = 'Kontak gagal diubah';
311         echo json_encode($json);
312         mysqli_close($this->connection);
313     }
314 }
315 public function ubah_perusahaan($id_pembimbing, $perusahaan){
316     $query = "UPDATE pembimbing_perusahaan SET
nama_perusahaan_perusahaan='$perusahaan' WHERE id_pembimbing='
$id_pembimbing'";
317     $result = mysqli_query($this->connection, $query);
318     if ($this->connection->affected_rows > 0 && $result) {
319         $json['status'] = 200;
320         $json['message'] = 'Perusahaan berhasil diubah';
321         echo json_encode($json);
322         mysqli_close($this->connection);
323     } else {
324         $json['status'] = 400;
325         $json['message'] = 'Perusahaan gagal diubah';
326         echo json_encode($json);
327         mysqli_close($this->connection);
328     }
329 }
330 public function ubah_foto($id_pembimbing, $foto){
331     $query = "UPDATE pembimbing_perusahaan SET foto_pembimbing='
$foto' WHERE id_pembimbing='$id_pembimbing'";
332     $result = mysqli_query($this->connection, $query);
333     if ($this->connection->affected_rows > 0 && $result) {
334         $json['status'] = 200;
335         $json['message'] = 'Foto berhasil diubah';
336         echo json_encode($json);

```

```

337         mysqli_close($this->connection);
338         return true;
339     } else {
340         $json['status'] = 400;
341         $json['message'] = 'Foto gagal diubah';
342         echo json_encode($json);
343         mysqli_close($this->connection);
344         return false;
345     }
346 }
347 public function ubah_password($id_pembimbing, $password){
348     $query = "UPDATE user SET password='$password' WHERE id_user
349     ='$id_pembimbing'";
350     $result = mysqli_query($this->connection, $query);
351     if ($this->connection->affected_rows > 0 && $result) {
352         $json['status'] = 200;
353         $json['message'] = 'Password berhasil diubah';
354         echo json_encode($json);
355         mysqli_close($this->connection);
356     } else {
357         $json['status'] = 400;
358         $json['message'] = 'Password gagal diubah';
359         echo json_encode($json);
360         mysqli_close($this->connection);
361     }
362 }

```

Kemudian tambahkan script berikut di file `pembimbing_konfirm_absensi.php` pada folder `pembimbing`.

```

1 <?php
2 include('pembimbing.php');
3 header('Content-Type: application/json');
4 $p = new Pembimbing();
5 if (isset($_POST['id_intern'], $_POST['id_pembimbing'], $_POST['
6 id_mahasiswa'], $_POST['id_dosen'], $_POST['id_absensi'])) {
7     $id_intern = $_POST['id_intern'];
8     $id_pembimbing = $_POST['id_pembimbing'];
9     $id_mahasiswa = $_POST['id_mahasiswa'];
10    $id_dosen = $_POST['id_dosen'];
11    $id_absensi = $_POST['id_absensi'];
12    if (!empty($id_intern) && !empty($id_pembimbing) && !empty(
13    $id_mahasiswa) && !empty($id_dosen) && !empty($id_absensi)) {
14        $p->konfirmasi_absensi($id_intern, $id_pembimbing, $id_mahasiswa
15        , $id_dosen, $id_absensi);
16    } else {
17        $json['status'] = 100;
18        $json['message'] = 'Field tidak boleh kosong';
19        echo json_encode($json);
20    }
21 } else {
22     $json['status'] = 100;
23     $json['message'] = 'Field tidak boleh kosong';
24     echo json_encode($json);
25 }

```

Selanjutnya tambahkan script berikut di file `pembimbing_konfirm_mahasiswa.php` pada folder `pembimbing`.

```

1 <?php
2 include('pembimbing.php');
3 header('Content-Type: application/json');
4 $p = new Pembimbing();
5 if (isset($_POST['id_intern'], $_POST['id_pembimbing'], $_POST['id_mahasiswa'], $_POST['id_dosen'])) {
6     $id_intern = $_POST['id_intern'];
7     $id_pembimbing = $_POST['id_pembimbing'];
8     $id_mahasiswa = $_POST['id_mahasiswa'];
9     $id_dosen = $_POST['id_dosen'];
10    if (!empty($id_intern) && !empty($id_pembimbing) && !empty($id_mahasiswa) && !empty($id_dosen)) {
11        $p->konfirmasi_mahasiswa($id_intern, $id_pembimbing, $id_mahasiswa, $id_dosen);
12    } else {
13        $json['status'] = 100;
14        $json['message'] = 'Field tidak boleh kosong';
15        echo json_encode($json);
16    }
17 } else {
18     $json['status'] = 100;
19     $json['message'] = 'Field tidak boleh kosong';
20     echo json_encode($json);
21 }

```

Setelah itu, tambahkan script berikut di file `pembimbing_list_konfirm_absensi.php` pada folder `pembimbing`.

```

1 <?php
2 include('pembimbing.php');
3 header('Content-Type: application/json');
4 $p = new Pembimbing();
5 if (isset($_POST['id_pembimbing'])) {
6     $id_pembimbing = $_POST['id_pembimbing'];
7     if (!empty($id_pembimbing)) {
8         $p->list_konfirm_absensi($id_pembimbing);
9     } else {
10        $json['status'] = 100;
11        $json['message'] = 'Field tidak boleh kosong';
12        echo json_encode($json);
13    }
14 } else {
15     $json['status'] = 100;
16     $json['message'] = 'Field tidak boleh kosong';
17     echo json_encode($json);
18 }

```

Kemudian tambahkan script berikut di file `pembimbing_list_konfirmasi_mahasiswa.php` pada folder `pembimbing`.

```

1 <?php
2 include('pembimbing.php');
3 header('Content-Type: application/json');
4 $p = new Pembimbing();

```

```

5 if (isset($_POST['id_pembimbing'])) {
6     $id_pembimbing = $_POST['id_pembimbing'];
7     if (!empty($id_pembimbing)) {
8         $p->list_konfirm_mahasiswa($id_pembimbing);
9     } else {
10         $json['status'] = 100;
11         $json['message'] = 'Field tidak boleh kosong';
12         echo json_encode($json);
13     }
14 } else {
15     $json['status'] = 100;
16     $json['message'] = 'Field tidak boleh kosong';
17     echo json_encode($json);
18 }

```

Selanjutnya tambahkan script berikut di file `pembimbing_login.php` pada folder `pembimbing`.

```

1 <?php
2 include('pembimbing.php');
3 header('Content-Type: application/json');
4 $p = new Pembimbing();
5 if (isset($_POST['username'], $_POST['password'])) {
6     $user = $_POST['username'];
7     $pass = $_POST['password'];
8     if (!empty($user) && !empty($pass)) {
9         $p->login_pembimbing($user, $pass);
10    } else {
11        $json['status'] = 100;
12        $json['message'] = 'Field tidak boleh kosong';
13        echo json_encode($json);
14    }
15 }
16 ?>

```

Setelah itu, tambahkan script berikut di file `pembimbing_mahasiswa.php` pada folder `pembimbing`.

```

1 <?php
2 include('pembimbing.php');
3 header('Content-Type: application/json');
4 $p = new Pembimbing();
5 if (isset($_POST['id_pembimbing'])) {
6     $id_pembimbing = $_POST['id_pembimbing'];
7     if (!empty($id_pembimbing)) {
8         $p->list_mahasiswa($id_pembimbing);
9     } else {
10        $json['status'] = 100;
11        $json['message'] = 'Field tidak boleh kosong';
12        echo json_encode($json);
13    }
14 } else {
15     $json['status'] = 100;
16     $json['message'] = 'Field tidak boleh kosong';
17     echo json_encode($json);
18 }

```

Kemudian tambahkan script berikut di file `pembimbing_notifikasi.php` pada folder `pembimbing`.

```

1 <?php
2 include('pembimbing.php');
3 header('Content-Type: application/json');
4 $p = new Pembimbing();
5 if (isset($_POST['id_pembimbing'])) {
6     $id_pembimbing = $_POST['id_pembimbing'];
7     if (!empty($id_pembimbing)) {
8         $p->list_notifikasi($id_pembimbing);
9     } else {
10         $json['status'] = 100;
11         $json['message'] = 'Field tidak boleh kosong';
12         echo json_encode($json);
13     }
14 } else {
15     $json['status'] = 100;
16     $json['message'] = 'Field tidak boleh kosong';
17     echo json_encode($json);
18 }

```

Selanjutnya tambahkan script berikut di file `pembimbing_registrasi.php` pada folder `pembimbing`.

```

1 <?php
2 include('pembimbing.php');
3 header('Content-Type: application/json');
4 $p = new Pembimbing();
5 if (isset($_POST['nama_pembimbing'], $_POST['kontak_pembimbing'],
6     $_POST['nama_perusahaan'], $_POST['username'], $_POST['password'],
7     $_POST['latitude_perusahaan'], $_POST['longitude_perusahaan']))
8     ) {
9     $nama_pembimbing = $_POST['nama_pembimbing'];
10    $kontak_pembimbing = $_POST['kontak_pembimbing'];
11    $nama_perusahaan = $_POST['nama_perusahaan'];
12    $username = $_POST['username'];
13    $password = $_POST['password'];
14    $latitude_perusahaan = $_POST['latitude_perusahaan'];
15    $longitude_perusahaan = $_POST['longitude_perusahaan'];
16
17    if (!empty($nama_pembimbing) && !empty($kontak_pembimbing) && !
18        empty($nama_perusahaan) && !empty($username) && !empty($password)
19        && !empty($latitude_perusahaan) && !empty($longitude_perusahaan)
20    ) {
21        $p->registrasi_pembimbing($nama_pembimbing,
22            $kontak_pembimbing, $nama_perusahaan, $username, $password,
23            $latitude_perusahaan, $longitude_perusahaan);
24    } else {
25        $json['status'] = 100;
26        $json['message'] = 'Field tidak boleh kosong';
27        echo json_encode($json);
28    }
29 } else {
30     $json['status'] = 100;
31     $json['message'] = 'Field tidak boleh kosong';
32     echo json_encode($json);
33 }

```

25 }

Setelah itu, tambahkan script berikut di file pembimbing_ubah.php pada folder pembimbing.

```

1 <?php
2 include('pembimbing.php');
3 header('Content-Type: application/json');
4 $p = new Pembimbing();
5 $id_pembimbing = $_POST['id_pembimbing'];
6 if (isset($_POST['username'])) $username = $_POST['username'];
7 if (isset($_POST['nama'])) $nama = $_POST['nama'];
8 if (isset($_POST['kontak'])) $kontak = $_POST['kontak'];
9 if (isset($_POST['perusahaan'])) $perusahaan = $_POST['perusahaan'];
10 if (isset($_POST['password'])) $password = $_POST['password'];
11 if (isset($_FILES['foto']['name'])){
12     $foto = $_FILES['foto']['name'];
13     $temp_foto = $_FILES['foto']['tmp_name'];
14     $dir_pembimbing = "../images/pembimbing/";
15 }
16 if (!empty($id_pembimbing) && !empty($username)) {
17     $p->ubah_username($id_pembimbing, $username);
18 } elseif (!empty($id_pembimbing) && !empty($nama)) {
19     $p->ubah_nama($id_pembimbing, $nama);
20 } elseif (!empty($id_pembimbing) && !empty($kontak)) {
21     $p->ubah_kontak($id_pembimbing, $kontak);
22 } elseif (!empty($id_pembimbing) && !empty($perusahaan)) {
23     $p->ubah_perusahaan($id_pembimbing, $perusahaan);
24 } elseif (!empty($id_pembimbing) && !empty($password)) {
25     $p->ubah_password($id_pembimbing, $password);
26 } elseif (!empty($id_pembimbing) && !empty($foto)){
27     $result = $p->ubah_foto($id_pembimbing, $foto);
28     if ($result) {
29         $upload = move_uploaded_file($temp_foto, $dir_pembimbing.
30         $foto);
31         if (!$upload) {
32             $json['status'] = 400;
33             $json['message'] = 'Gambar gagal terupload';
34             echo json_encode($json);
35         }
36 } else {
37     $json['status'] = 100;
38     $json['message'] = 'Field tidak boleh kosong';
39     echo json_encode($json);
40 }

```

4.1.3 Android

```

1 buildscript {
2     repositories {
3         google()
4         jcenter()
5         maven { url 'https://jitpack.io' }
6     }

```

```

7     dependencies {
8         classpath 'com.android.tools.build:gradle:3.5.2'
9     }
10 }
11 allprojects {
12     repositories {
13         google()
14         jcenter()
15         maven { url 'https://jitpack.io' }
16     }
17 }
18 task clean(type: Delete) {
19     delete rootProject.buildDir
20 }

```

```

1 apply plugin: 'com.android.application'
2 android {
3     compileSdkVersion 29
4     buildToolsVersion "29.0.2"
5     defaultConfig {
6         applicationId "com.divakrishnam.actspotmahasiswa"
7         minSdkVersion 19
8         targetSdkVersion 29
9         versionCode 1
10        versionName "1.0"
11        testInstrumentationRunner "androidx.test.runner.
    AndroidJUnitRunner"
12    }
13    buildTypes {
14        release {
15            minifyEnabled false
16            proguardFiles getDefaultProguardFile('proguard-android-
    optimize.txt'), 'proguard-rules.pro'
17        }
18    }
19    compileOptions {
20        sourceCompatibility JavaVersion.VERSION_1_8
21        targetCompatibility JavaVersion.VERSION_1_8
22    }
23 }
24 dependencies {
25     implementation fileTree(dir: 'libs', include: ['*.jar'])
26     implementation 'androidx.appcompat:appcompat:1.1.0'
27     implementation 'androidx.constraintlayout:constraintlayout:1.1.3'
28     implementation 'me.dm7.barcodescanner:zxing:1.9.8'
29     implementation 'androidx.legacy:legacy-support-v4:1.0.0'
30     implementation 'androidx.recyclerview:recyclerview:1.1.0'
31     implementation 'androidx.cardview:cardview:1.0.0'
32     implementation 'com.squareup.picasso:picasso:2.71828'
33     implementation 'de.hdodenhof:circleimageview:3.0.1'
34     implementation 'com.google.android.material:material:1.2.0-
    alpha02'
35     implementation 'com.jakewharton:butterknife:8.4.0'
36     annotationProcessor 'com.jakewharton:butterknife-compiler:8.4.0'
37     implementation 'com.squareup.retrofit2:retrofit:2.4.0'
38     implementation 'com.squareup.retrofit2:converter-gson:2.4.0'

```



```

39 implementation 'id.zelory:compressor:2.1.0'
40 implementation 'com.github.bumptech.glide:glide:4.10.0'
41 annotationProcessor 'com.github.bumptech.glide:compiler:4.10.0'
42 implementation 'com.google.android.gms:play-services-maps:17.0.0'
43 implementation 'com.github.PhilJay:MPAndroidChart:v3.1.0'
44 implementation 'com.theartofdev.edmodo:android-image-cropper
:2.8.0'
45 implementation 'com.github.jkwiecien:EasyImage:1.3.1'
46 testImplementation 'junit:junit:4.12'
47 androidTestImplementation 'androidx.test.ext:junit:1.1.1'
48 androidTestImplementation 'androidx.test.espresso:espresso-core
:3.2.0'
49 }

```

```

1 package com.divakrishnam.actspotmahasiswa.model;
2 import com.google.gson.annotations.SerializedName;
3 public class Kegiatan {
4     @SerializedName("id.kegiatan")
5     private String idKegiatan;
6     @SerializedName("nama.kegiatan")
7     private String namaKegiatan;
8     public Kegiatan(String idKegiatan, String namaKegiatan) {
9         this.idKegiatan = idKegiatan;
10        this.namaKegiatan = namaKegiatan;
11    }
12    public String getIdKegiatan() {
13        return idKegiatan;
14    }
15    public String getNamaKegiatan() {
16        return namaKegiatan;
17    }
18 }

```

```

1 package com.divakrishnam.actspotmahasiswa.model;
2 import com.google.gson.annotations.SerializedName;
3 public class Login {
4     @SerializedName("id.mahasiswa")
5     private String idMahasiswa;
6     @SerializedName("username")
7     private String username;
8     @SerializedName("password")
9     private String password;
10    @SerializedName("nama.mahasiswa")
11    private String namaMahasiswa;
12    @SerializedName("kelas.mahasiswa")
13    private String kelasMahasiswa;
14    @SerializedName("angkatan.mahasiswa")
15    private String angkatanMahasiswa;
16    @SerializedName("foto.mahasiswa")
17    private String fotoMahasiswa;
18    @SerializedName("nama.prodi")
19    private String namaProdi;
20    @SerializedName("id.intern")
21    private String idIntern;
22    @SerializedName("id.dosen")
23    private String idDosen;

```

```
24 @SerializedName("nama_dosen")
25 private String namaDosen;
26 @SerializedName("nama_pembimbing")
27 private String namaPembimbing;
28 @SerializedName("id_pembimbing")
29 private String idPembimbing;
30 @SerializedName("nama_perusahaan")
31 private String namaPerusahaan;
32 @SerializedName("kontak_mahasiswa")
33 private String kontakMahasiswa;
34 public Login(String idIntern, String idMahasiswa, String idDosen)
35 {
36     this.idMahasiswa = idMahasiswa;
37     this.idIntern = idIntern;
38     this.idDosen = idDosen;
39 }
40 public Login(String idMahasiswa, String username, String password
41 , String namaMahasiswa, String kelasMahasiswa, String
42 angkatanMahasiswa, String fotoMahasiswa, String namaProdi, String
43 idIntern, String idDosen, String namaDosen, String
44 namaPembimbing, String idPembimbing, String namaPerusahaan,
45 String kontakMahasiswa) {
46     this.idMahasiswa = idMahasiswa;
47     this.username = username;
48     this.password = password;
49     this.namaMahasiswa = namaMahasiswa;
50     this.kelasMahasiswa = kelasMahasiswa;
51     this.angkatanMahasiswa = angkatanMahasiswa;
52     this.fotoMahasiswa = fotoMahasiswa;
53     this.namaProdi = namaProdi;
54     this.idIntern = idIntern;
55     this.idDosen = idDosen;
56     this.namaDosen = namaDosen;
57     this.namaPembimbing = namaPembimbing;
58     this.idPembimbing = idPembimbing;
59     this.namaPerusahaan = namaPerusahaan;
60     this.kontakMahasiswa = kontakMahasiswa;
61 }
62 public String getIdMahasiswa() {
63     return idMahasiswa;
64 }
65 public String getUsername() {
66     return username;
67 }
68 public String getPassword() {
69     return password;
70 }
71 public String getNamaMahasiswa() {
72     return namaMahasiswa;
73 }
74 public String getKelasMahasiswa() {
75     return kelasMahasiswa;
76 }
77 public String getAngkatanMahasiswa() {
78     return angkatanMahasiswa;
79 }
```

```
74 public String getFotoMahasiswa() {
75     return fotoMahasiswa;
76 }
77 public String getNamaProdi() {
78     return namaProdi;
79 }
80 public String getIdIntern() {
81     return idIntern;
82 }
83 public String getIdDosen() {
84     return idDosen;
85 }
86 public String getNamaDosen() {
87     return namaDosen;
88 }
89 public String getNamaPerusahaan() {
90     return namaPerusahaan;
91 }
92 public String getIdPembimbing() {
93     return idPembimbing;
94 }
95 public String getNamaPembimbing() {
96     return namaPembimbing;
97 }
98 public String getKontakMahasiswa() {
99     return kontakMahasiswa;
100 }
101 public void setIdMahasiswa(String idMahasiswa) {
102     this.idMahasiswa = idMahasiswa;
103 }
104 public void setUsername(String username) {
105     this.username = username;
106 }
107 public void setPassword(String password) {
108     this.password = password;
109 }
110 public void setNamaMahasiswa(String namaMahasiswa) {
111     this.namaMahasiswa = namaMahasiswa;
112 }
113 public void setKelasMahasiswa(String kelasMahasiswa) {
114     this.kelasMahasiswa = kelasMahasiswa;
115 }
116 public void setAngkatanMahasiswa(String angkatanMahasiswa) {
117     this.angkatanMahasiswa = angkatanMahasiswa;
118 }
119 public void setFotoMahasiswa(String fotoMahasiswa) {
120     this.fotoMahasiswa = fotoMahasiswa;
121 }
122 public void setNamaProdi(String namaProdi) {
123     this.namaProdi = namaProdi;
124 }
125 public void setIdIntern(String idIntern) {
126     this.idIntern = idIntern;
127 }
128 public void setIdDosen(String idDosen) {
129     this.idDosen = idDosen;
```

```

130     }
131     public void setNamaDosen(String namaDosen) {
132         this.namaDosen = namaDosen;
133     }
134     public void setNamaPembimbing(String namaPembimbing) {
135         this.namaPembimbing = namaPembimbing;
136     }
137     public void setIdPembimbing(String idPembimbing) {
138         this.idPembimbing = idPembimbing;
139     }
140     public void setNamaPerusahaan(String namaPerusahaan) {
141         this.namaPerusahaan = namaPerusahaan;
142     }
143     public void setKontakMahasiswa(String kontakMahasiswa) {
144         this.kontakMahasiswa = kontakMahasiswa;
145     }
146 }

```

```

1 package com.divakrishnam.actspotmahasiswa.model;
2 import com.google.gson.annotations.SerializedName;
3 public class Notification {
4     @SerializedName("id_intern")
5     private String idIntern;
6     @SerializedName("pesan")
7     private String pesan;
8     @SerializedName("tgl_waktu")
9     private String tglWaktu;
10    public Notification(String idIntern, String pesan, String
    tglWaktu) {
11        this.idIntern = idIntern;
12        this.pesan = pesan;
13        this.tglWaktu = tglWaktu;
14    }
15    public String getIdIntern() {
16        return idIntern;
17    }
18    public String getPesan() {
19        return pesan;
20    }
21    public String getTglWaktu() {
22        return tglWaktu;
23    }
24 }

```

```

1 package com.divakrishnam.actspotmahasiswa.model;
2 import com.google.gson.annotations.SerializedName;
3 public class Pembimbing {
4     @SerializedName("id_pembimbing")
5     private String idPembimbing;
6     @SerializedName("nama_pembimbing")
7     private String namaPembimbing;
8     @SerializedName("nama_perusahaan")
9     private String namaPerusahaan;
10    public Pembimbing(String idPembimbing, String namaPembimbing,
    String namaPerusahaan) {
11        this.idPembimbing = idPembimbing;

```

```

12         this.namaPembimbing = namaPembimbing;
13         this.namaPerusahaan = namaPerusahaan;
14     }
15     public String getIdPembimbing() {
16         return idPembimbing;
17     }
18     public String getNamaPembimbing() {
19         return namaPembimbing;
20     }
21     public String getNamaPerusahaan() {
22         return namaPerusahaan;
23     }
24 }

```

```

1 package com.divakrishnam.actspotmahasiswa.model;
2 import com.google.gson.annotations.SerializedName;
3 public class Progress {
4     @SerializedName("sort")
5     private String sort;
6     @SerializedName("persen")
7     private String persen;
8     @SerializedName("tgl_waktu")
9     private String tglWaktu;
10    public Progress(String sort, String persen, String tglWaktu) {
11        this.sort = sort;
12        this.persen = persen;
13        this.tglWaktu = tglWaktu;
14    }
15    public String getSort() {
16        return sort;
17    }
18    public String getPersen() {
19        return persen;
20    }
21    public String getTglWaktu() {
22        return tglWaktu;
23    }
24 }

```

```

1 package com.divakrishnam.actspotmahasiswa.model;
2 import com.google.gson.annotations.SerializedName;
3 public class ProgressPerDay {
4     @SerializedName("tgl_waktu")
5     private String tglWaktu;
6     @SerializedName("kegiatan")
7     private String kegiatan;
8     @SerializedName("foto_absensi")
9     private String fotoAbsensi;
10    @SerializedName("pergeseran")
11    private String pergeseran;
12    public ProgressPerDay(String tglWaktu, String kegiatan, String
fotoAbsensi, String pergeseran) {
13        this.tglWaktu = tglWaktu;
14        this.kegiatan = kegiatan;
15        this.fotoAbsensi = fotoAbsensi;
16        this.pergeseran = pergeseran;

```

```

17     }
18     public String getTglWaktu() {
19         return tglWaktu;
20     }
21     public String getKegiatan() {
22         return kegiatan;
23     }
24     public String getFotoAbsensi() {
25         return fotoAbsensi;
26     }
27     public String getPergeseran() {
28         return pergeseran;
29     }
30 }

```

```

1 package com.divakrishnam.actspotmahasiswa.model;
2 import com.google.gson.annotations.SerializedName;
3 public class ResponseInfo {
4     @SerializedName("status")
5     private String status;
6     @SerializedName("message")
7     private String message;
8     public ResponseInfo(String status, String message) {
9         this.status = status;
10        this.message = message;
11    }
12    public String getStatus() {
13        return status;
14    }
15    public String getMessage() {
16        return message;
17    }
18 }

```

```

1 package com.divakrishnam.actspotmahasiswa.model;
2 import com.google.gson.annotations.SerializedName;
3 import java.util.List;
4 public class ResponseKegiatan {
5     @SerializedName("status")
6     private String status;
7     @SerializedName("message")
8     private String message;
9     @SerializedName("data")
10    private List<Kegiatan> data;
11    public ResponseKegiatan(String status, String message, List<
12    Kegiatan> data) {
13        this.status = status;
14        this.message = message;
15        this.data = data;
16    }
17    public String getStatus() {
18        return status;
19    }
20    public String getMessage() {
21        return message;

```

```

22     public List<Kegiatan> getData() {
23         return data;
24     }
25 }

```

```

1  package com.divakrishnam.actspotmahasiswa.model;
2  import com.google.gson.annotations.SerializedName;
3  public class ResponseLogin {
4      @SerializedName("status")
5      private String status;
6      @SerializedName("message")
7      private String message;
8      @SerializedName("data")
9      private Login data;
10     public ResponseLogin(String status, String message, Login data) {
11         this.status = status;
12         this.message = message;
13         this.data = data;
14     }
15     public String getStatus() {
16         return status;
17     }
18     public String getMessage() {
19         return message;
20     }
21     public Login getData() {
22         return data;
23     }
24 }

```

```

1  package com.divakrishnam.actspotmahasiswa.model;
2  import com.google.gson.annotations.SerializedName;
3  import java.util.List;
4  public class ResponseNotification {
5      @SerializedName("status")
6      private String status;
7      @SerializedName("message")
8      private String message;
9      @SerializedName("data")
10     private List<Notification> data;
11     public ResponseNotification(String status, String message, List<
        Notification> data) {
12         this.status = status;
13         this.message = message;
14         this.data = data;
15     }
16     public String getStatus() {
17         return status;
18     }
19     public String getMessage() {
20         return message;
21     }
22     public List<Notification> getData() {
23         return data;
24     }
25 }

```

```

1 package com.divakrishnam.actspotmahasiswa.model;
2 import com.google.gson.annotations.SerializedName;
3 import java.util.List;
4 public class ResponsePembimbing {
5     @SerializedName("status")
6     private String status;
7     @SerializedName("message")
8     private String message;
9     @SerializedName("data")
10    private List<Pembimbing> data;
11    public ResponsePembimbing(String status, String message, List<
12    Pembimbing> data) {
13        this.status = status;
14        this.message = message;
15        this.data = data;
16    }
17    public String getStatus() {
18        return status;
19    }
20    public String getMessage() {
21        return message;
22    }
23    public List<Pembimbing> getData() {
24        return data;
25    }
26 }

```

```

1 package com.divakrishnam.actspotmahasiswa.model;
2 import com.google.gson.annotations.SerializedName;
3 import java.util.List;
4 public class ResponseProgress {
5     @SerializedName("status")
6     private String status;
7     @SerializedName("message")
8     private String message;
9     @SerializedName("data")
10    private List<Progress> data;
11    public ResponseProgress(String status, String message, List<
12    Progress> data) {
13        this.status = status;
14        this.message = message;
15        this.data = data;
16    }
17    public String getStatus() {
18        return status;
19    }
20    public String getMessage() {
21        return message;
22    }
23    public List<Progress> getData() {
24        return data;
25    }
26 }

```

```

1 package com.divakrishnam.actspotmahasiswa.model;
2 import com.google.gson.annotations.SerializedName;

```



```

3 import java.util.List;
4 public class ResponseProgressPerDay {
5     @SerializedName("status")
6     private String status;
7     @SerializedName("message")
8     private String message;
9     @SerializedName("data")
10    private List<ProgressPerDay> data;
11    public ResponseProgressPerDay(String status, String message, List
12    <ProgressPerDay> data) {
13        this.status = status;
14        this.message = message;
15        this.data = data;
16    }
17    public String getStatus() {
18        return status;
19    }
20    public String getMessage() {
21        return message;
22    }
23    public List<ProgressPerDay> getData() {
24        return data;
25    }
26 }

```

```

1 package com.divakrishnam.actspotmahasiswa.util;
2 import androidx.core.content.FileProvider;
3 public class MahasiswaFileProvider extends FileProvider{
4 }

```

```

1 package com.divakrishnam.actspotmahasiswa.util;
2 import android.content.Context;
3 import com.divakrishnam.actspotmahasiswa.model.Login;
4 public class SharedPrefManager {
5     private android.content.SharedPreferences pref;
6     private android.content.SharedPreferences.Editor editor;
7     private static SharedPrefManager mInstance;
8     private static Context mContext;
9     private static final String SHARED_PREF_NAME = "actspotmahasiswa"
10    ;
11    private static final String KEY_IDMAHASISWA = "keyidmahasiswa";
12    private static final String KEY_USERNAME = "keyusername";
13    private static final String KEY_PASSWORD = "keypassword";
14    private static final String KEY_NAMAMAHASISWA = "keynamamahasiswa"
15    ;
16    private static final String KEY_KELASMAHASISWA = "
17    keykelasmahasiswa";
18    private static final String KEY_ANGKATANMAHASISWA = "
19    keyangkatanmahasiswa";
20    private static final String KEY_FOTOMAHASISWA = "keyfotomahasiswa"
21    ;
22    private static final String KEY_NAMAPRODI = "keynamaprodi";
23    private static final String KEY_IDINTERN = "keyidintern";
24    private static final String KEY_IDDOSEN = "keyiddosen";
25    private static final String KEY_IDPEMBIMBING = "keyidpembimbing";
26    private static final String KEY_NAMADOSEN = "keynamadosen";

```

```

22 private static final String KEY_NAMAPERUSAHAAN = "
keynamaperusahaan";
23 private static final String KEY_NAMAPEMBIMBING = "
keynamapembimbing";
24 private static final String KEY_KONTAKMAHASISWA = "
keykontakmahasiswa";
25 private static final String KEY_SORT = "keysort";
26 private SharedPrefManager(Context context) {
27     mContext = context;
28     pref = context.getSharedPreferences(SHARED_PREF_NAME, Context
.MODE.PRIVATE);
29     editor = pref.edit();
30 }
31 public static synchronized SharedPrefManager getInstance(Context
context) {
32     if (mInstance == null) {
33         mInstance = new SharedPrefManager(context);
34     }
35     return mInstance;
36 }
37 public void mahasiswaLogin(Login login) {
38     editor.putString(KEY_IDMAHASISWA, login.getIdMahasiswa());
39     editor.putString(KEY_USERNAME, login.getUsername());
40     editor.putString(KEY_PASSWORD, login.getPassword());
41     editor.putString(KEY_NAMAMAHASISWA, login.getNamaMahasiswa());
42 ;
43     editor.putString(KEY_KELASMAHASISWA, login.getKelasMahasiswa
());
44     editor.putString(KEY_ANGKATANMAHASISWA, login.
getAngkatanMahasiswa());
45     editor.putString(KEY_FOTOMAHASISWA, login.getFotoMahasiswa());
46 ;
47     editor.putString(KEY_NAMAPRODI, login.getNamaProdi());
48     editor.putString(KEY_IDINTERN, login.getIdIntern());
49     editor.putString(KEY_IDDOSEN, login.getIdDosen());
50     editor.putString(KEY_IDPEMBIMBING, login.getIdPembimbing());
51     editor.putString(KEY_NAMADOSEN, login.getNamaDosen());
52     editor.putString(KEY_NAMAPEMBIMBING, login.getNamaPembimbing
());
53     editor.putString(KEY_NAMAPERUSAHAAN, login.getNamaPerusahaan
());
54     editor.putString(KEY_KONTAKMAHASISWA, login.
getKontakMahasiswa());
55     editor.apply();
56 }
57 public void setSort(String sort){
58     editor.putString(KEY_SORT, sort);
59     editor.apply();
60 }
61 public String getSort(){
62     return pref.getString(KEY_SORT, null);
63 }
64 public Login getMahasiswaLogin() {
65     return new Login(
        pref.getString(KEY_IDMAHASISWA, null),
        pref.getString(KEY_USERNAME, null),

```

```

66         pref.getString(KEY.PASSWORD, null),
67         pref.getString(KEY.NAMAMAHASISWA, null),
68         pref.getString(KEY.KELASMAHASISWA, null),
69         pref.getString(KEY.ANGKATANMAHASISWA, null),
70         pref.getString(KEY.FOTOMAHASISWA, null),
71         pref.getString(KEY.NAMAPRODI, null),
72         pref.getString(KEY.IDINTERN, null),
73         pref.getString(KEY.IDDOSEN, null),
74         pref.getString(KEY.NAMADOSEN, null),
75         pref.getString(KEY.NAMAPEMBIMBING, null),
76         pref.getString(KEY.IDPEMBIMBING, null),
77         pref.getString(KEY.NAMAPERUSAHAAN, null),
78         pref.getString(KEY.KONTAKMAHASISWA, null)
79     );
80 }
81 public void registrasiPerusahaan(Login login) {
82     editor.putString(KEY.IDINTERN, login.getIdIntern());
83     editor.putString(KEY.IDMAHASISWA, login.getIdMahasiswa());
84     editor.putString(KEY.IDDOSEN, login.getIdDosen());
85     editor.apply();
86 }
87 public boolean isLoggedIn() {
88     return pref.getString(KEY.IDMAHASISWA, null) != null && pref.
89     getString(KEY.NAMAPERUSAHAAN, null) != null;
90 }
91 public Login getRegistrasiPerusahaan() {
92     return new Login(
93         pref.getString(KEY.IDINTERN, null),
94         pref.getString(KEY.IDMAHASISWA, null),
95         pref.getString(KEY.IDDOSEN, null)
96     );
97 }
98 public void logout() {
99     editor.clear();
100     editor.apply();
101 }

```

```

1 package com.divakrishnam.actspotmahasiswa.util;
2 public class Urls {
3     public static final String API_URL = "http://actspot.
4     himatifpolpos.my.id/";
5     public static final String IMAGE_URL = "http://actspot.
6     himatifpolpos.my.id/images/";
7 }

```

```

1 package com.divakrishnam.actspotmahasiswa.api;
2 import com.divakrishnam.actspotmahasiswa.util.Urls;
3 import retrofit2.Retrofit;
4 import retrofit2.converter.gson.GsonConverterFactory;
5 public class APIClient {
6     private static Retrofit retrofit = null;
7     public static Retrofit getClient() {
8         if (retrofit==null) {
9             retrofit = new Retrofit.Builder()
10                 .baseUrl(Urls.API_URL)

```

```

11         .addConverterFactory ( GsonConverterFactory . create
12         () )
13         . build () ;
14     }
15     return retrofit ;
16 }

```

```

1 package com.divakrishnam.actspotmahasiswa.api;
2 import com.divakrishnam.actspotmahasiswa.model.ResponseInfo;
3 import com.divakrishnam.actspotmahasiswa.model.ResponseKegiatan;
4 import com.divakrishnam.actspotmahasiswa.model.ResponseLogin;
5 import com.divakrishnam.actspotmahasiswa.model.ResponseNotification;
6 import com.divakrishnam.actspotmahasiswa.model.ResponsePembimbing;
7 import com.divakrishnam.actspotmahasiswa.model.ResponseProgress;
8 import com.divakrishnam.actspotmahasiswa.model.ResponseProgressPerDay
9 ;
10 import okhttp3.MultipartBody;
11 import okhttp3.RequestBody;
12 import retrofit2.Call;
13 import retrofit2.http.Field;
14 import retrofit2.http.FormUrlEncoded;
15 import retrofit2.http.GET;
16 import retrofit2.http.Multipart;
17 import retrofit2.http.POST;
18 import retrofit2.http.Part;
19 public interface APIService {
20     @FormUrlEncoded
21     @POST("mahasiswa/mahasiswa_registrasi.php")
22     Call<ResponseInfo> mahasiswaRegistrasi(
23         @Field("kode_otp") String kode_otp
24     );
25     @FormUrlEncoded
26     @POST("mahasiswa/mahasiswa_login.php")
27     Call<ResponseLogin> mahasiswaLogin(
28         @Field("username") String username,
29         @Field("password") String password
30     );
31     @GET("mahasiswa/mahasiswa_pembimbing.php")
32     Call<ResponsePembimbing> getPembimbing();
33     @GET("mahasiswa/mahasiswa_kegiatan.php")
34     Call<ResponseKegiatan> getKegiatan();
35     @Multipart
36     @POST("mahasiswa/mahasiswa_perusahaan.php")
37     Call<ResponseInfo> registrasiPerusahaan(
38         @Part("id_dosen") RequestBody id_dosen,
39         @Part("id_intern") RequestBody id_intern,
40         @Part("id_mahasiswa") RequestBody id_mahasiswa,
41         @Part("nama_perusahaan") RequestBody nama_perusahaan,
42         @Part("id_pembimbing") RequestBody id_pembimbing,
43         @Part("latitude_perusahaan") RequestBody
44         latitude_perusahaan,
45         @Part("longitude_perusahaan") RequestBody
46         longitude_perusahaan,
47         @Part MultipartBody.Part foto_perusahaan
48     );

```

```

46 @Multipart
47 @POST("mahasiswa/mahasiswa_absensi.php")
48 Call<ResponseInfo> takeAbsence(
49     @Part("id_intern") RequestBody id_intern ,
50     @Part("id_mahasiswa") RequestBody id_mahasiswa ,
51     @Part("id_dosen") RequestBody id_dosen ,
52     @Part("latitude_absensi") RequestBody latitude_absensi ,
53     @Part("longitude_absensi") RequestBody longitude_absensi ,
54     @Part("imei_perangkat") RequestBody imei_perangkat ,
55     @Part("id_kegiatan") RequestBody id_kegiatan ,
56     @Part("tgl_waktu") RequestBody tgl_waktu ,
57     @Part("id_pembimbing") RequestBody id_pembimbing ,
58     @Part MultipartBody.Part foto_absensi
59 );
60 @FormUrlEncoded
61 @POST("mahasiswa/mahasiswa_progress.php")
62 Call<ResponseProgress> progressMahasiswa(
63     @Field("id_intern") String idIntern ,
64     @Field("id_mahasiswa") String idMahasiswa ,
65     @Field("sort") String sort
66 );
67 @FormUrlEncoded
68 @POST("mahasiswa/mahasiswa_progress_harian.php")
69 Call<ResponseProgressPerDay> progressPerDayMahasiswa(
70     @Field("id_intern") String idIntern ,
71     @Field("id_mahasiswa") String idMahasiswa ,
72     @Field("tgl") String tgl
73 );
74 @FormUrlEncoded
75 @POST("mahasiswa/mahasiswa_notifikasi.php")
76 Call<ResponseNotification> notificationMahasiswa(
77     @Field("id_intern") String idIntern ,
78     @Field("id_mahasiswa") String idMahasiswa
79 );
80 @FormUrlEncoded
81 @POST("mahasiswa/mahasiswa_ubah.php")
82 Call<ResponseInfo> mahasiswaUbahUsername(
83     @Field("id_mahasiswa") String idMahasiswa ,
84     @Field("username") String username
85 );
86 @FormUrlEncoded
87 @POST("mahasiswa/mahasiswa_ubah.php")
88 Call<ResponseInfo> mahasiswaUbahPassword(
89     @Field("id_mahasiswa") String idMahasiswa ,
90     @Field("password") String password
91 );
92 @FormUrlEncoded
93 @POST("mahasiswa/mahasiswa_ubah.php")
94 Call<ResponseInfo> mahasiswaUbahNama(
95     @Field("id_mahasiswa") String idMahasiswa ,
96     @Field("nama") String nama
97 );
98 @FormUrlEncoded
99 @POST("mahasiswa/mahasiswa_ubah.php")
100 Call<ResponseInfo> mahasiswaUbahKontak(
101     @Field("id_mahasiswa") String idMahasiswa ,

```

```

102         @Field("kontak") String kontak
103     );
104     @FormUrlEncoded
105     @POST("mahasiswa/mahasiswa_ubah.php")
106     Call<ResponseInfo> mahasiswaUbahKelas(
107         @Field("id_mahasiswa") String idMahasiswa,
108         @Field("kelas") String kelas
109     );
110     @FormUrlEncoded
111     @POST("mahasiswa/mahasiswa_ubah.php")
112     Call<ResponseInfo> mahasiswaUbahAngkatan(
113         @Field("id_mahasiswa") String idMahasiswa,
114         @Field("angkatan") String angkatan
115     );
116     @Multipart
117     @POST("mahasiswa/mahasiswa_ubah.php")
118     Call<ResponseInfo> mahasiswaUbahFoto(
119         @Part("id_mahasiswa") RequestBody id_mahasiswa,
120         @Part MultipartBody.Part foto
121     );
122 }

```

```

1 <?xml version="1.0" encoding="utf-8"?>
2 <shape xmlns:android="http://schemas.android.com/apk/res/android"
3     android:shape="rectangle">
4     <solid android:color="#FFFFFF" />
5     <stroke
6         android:width="1dp"
7         android:color="#c0c0c0" />
8 </shape>

```

```

1 <?xml version="1.0" encoding="utf-8"?>
2 <selector xmlns:android="http://schemas.android.com/apk/res/android">
3     <item android:color="@color/colorPrimaryDark"
4         android:state_checked="true"/>
5     <item android:color="@android:color/darker_gray"/>
6 </selector>

```

```

1 <?xml version="1.0" encoding="utf-8"?>
2 <menu xmlns:android="http://schemas.android.com/apk/res/android">
3     <item
4         android:id="@+id/menu_progress"
5         android:title="Progress"
6         android:icon="@drawable/ic_date_range_white"/>
7     <item
8         android:id="@+id/menu_absence"
9         android:title="Absensi"
10        android:icon="@drawable/ic_portrait_white"/>
11    <item
12        android:id="@+id/menu_notification"
13        android:title="Notifikasi"
14        android:icon="@drawable/ic_notifications_white"/>
15    <item
16        android:id="@+id/menu_profile"
17        android:title="Profil"
18        android:icon="@drawable/ic_person_white"/>
19 </menu>

```

```

1 <?xml version="1.0" encoding="utf-8"?>
2 <menu xmlns:android="http://schemas.android.com/apk/res/android"
3     xmlns:app="http://schemas.android.com/apk/res-auto">
4     <item android:id="@+id/menu_sort_progress"
5         android:title="Sort Progress"
6         app:showAsAction="never"/>
7 </menu>

```

```

1 <ScrollView xmlns:android="http://schemas.android.com/apk/res/android"
2     xmlns:app="http://schemas.android.com/apk/res-auto"
3     xmlns:tools="http://schemas.android.com/tools"
4     android:layout_width="match_parent"
5     android:layout_height="match_parent"
6     android:fillViewport="true"
7     tools:context=".activity.">
8     <LinearLayout
9         android:layout_width="match_parent"
10        android:layout_height="wrap_content"
11        android:orientation="vertical">
12        <ImageView
13            android:id="@+id/img_perusahaan"
14            android:layout_width="match_parent"
15            android:layout_height="340dp"
16            android:scaleType="centerCrop"
17            android:src="@drawable/profile"/>
18        <LinearLayout
19            android:id="@+id/linearLayout"
20            android:layout_width="match_parent"
21            android:layout_height="wrap_content"
22            android:background="@android:color/white"
23            android:orientation="vertical"
24            android:layout_marginBottom="18dp"
25            android:layout_marginHorizontal="12dp">
26            <ImageView
27                android:layout_width="40dp"
28                android:layout_height="40dp"
29                android:src="@drawable/ic_info_outline_black"
30                android:layout_gravity="center"
31                android:layout_marginTop="20dp"/>
32            <TextView
33                android:layout_width="match_parent"
34                android:layout_height="wrap_content"
35                android:text="Anda belum melakukan pendaftaran
36                perusahaan internship. Segera isi form berikut ini dan pastikan
37                Anda melakukan pendaftaran ketika berada di perusahaan internship
38                agar lebih mudah melakukan validasi."
39                android:gravity="center"
40                android:textSize="16sp"
41                android:layout_margin="10dp"/>
42            <TextView
43                android:layout_width="match_parent"
44                android:layout_height="wrap_content"
45                android:text="Nama Perusahaan"
46                android:layout_marginTop="20dp"/>
47            <Spinner

```

```

45         android:id="@+id/sp_perusahaan"
46         android:layout_width="match_parent"
47         android:layout_height="42dp"
48         android:layout_marginVertical="8dp"/>
49     <TextView
50         android:layout_width="match_parent"
51         android:layout_height="wrap_content"
52         android:text="Nama Pembimbing"
53         android:layout_marginTop="20dp"/>
54     <Spinner
55         android:id="@+id/sp_pembimbing"
56         android:layout_width="match_parent"
57         android:layout_height="42dp"
58         android:layout_marginVertical="8dp"/>
59     <Button
60         android:id="@+id/btn_simpan"
61         android:layout_width="match_parent"
62         android:layout_height="wrap_content"
63         android:text="Simpan"
64         android:textColor="@android:color/white"
65         android:background="@color/colorPrimaryDark"/>
66     </LinearLayout>
67 </LinearLayout>
68 </ScrollView>

```

```

1 package com.divakrishnam.actspotmahasiswa.activity;
2 import androidx.appcompat.app.AppCompatActivity;
3 import androidx.core.app.ActivityCompat;
4 import androidx.core.content.ContextCompat;
5 import androidx.core.content.FileProvider;
6 import android.Manifest;
7 import android.app.ProgressDialog;
8 import android.content.Context;
9 import android.content.Intent;
10 import android.content.pm.PackageManager;
11 import android.graphics.Color;
12 import android.location.Location;
13 import android.location.LocationListener;
14 import android.location.LocationManager;
15 import android.net.Uri;
16 import android.os.Bundle;
17 import android.os.Environment;
18 import android.provider.MediaStore;
19 import android.util.Log;
20 import android.view.View;
21 import android.view.ViewGroup;
22 import android.widget.AdapterView;
23 import android.widget.Button;
24 import android.widget.ImageView;
25 import android.widget.Spinner;
26 import android.widget.TextView;
27 import android.widget.Toast;
28 import com.bumptech.glide.Glide;
29 import com.divakrishnam.actspotmahasiswa.R;
30 import com.divakrishnam.actspotmahasiswa.api.APIClient;
31 import com.divakrishnam.actspotmahasiswa.api.APIService;

```



```

32 import com.divakrishnam.actspotmahasiswa.model.Pembimbing;
33 import com.divakrishnam.actspotmahasiswa.model.ResponseInfo;
34 import com.divakrishnam.actspotmahasiswa.model.ResponsePembimbing;
35 import com.divakrishnam.actspotmahasiswa.util.SharedPrefManager;
36 import java.io.File;
37 import java.io.IOException;
38 import java.text.SimpleDateFormat;
39 import java.util.Date;
40 import java.util.HashMap;
41 import java.util.List;
42 import java.util.Locale;
43 import id.zelory.compressor.Compressor;
44 import okhttp3.MediaType;
45 import okhttp3.MultipartBody;
46 import okhttp3.RequestBody;
47 import retrofit2.Call;
48 import retrofit2.Callback;
49 import retrofit2.Response;
50 public class CompanyActivity extends AppCompatActivity implements
    View.OnClickListener, LocationListener {
51     private ApiService mApiInterface;
52     private List<Pembimbing> pembimbings;
53     private SharedPrefManager pref;
54     private String[] keys;
55     private String[] values;
56     private ImageView ivPerusahaan;
57     private Spinner spPerusahaan;
58     private Spinner spPembimbing;
59     private Button btnSimpan;
60     private String latitude = "";
61     private String longitude = "";
62     private LocationManager locationManager;
63     private String imageFilePath = "";
64     public static final int REQUEST_IMAGE = 200;
65     public static final int PERMISSION_ALL = 100;
66     private String[] PERMISSIONS = {
67         android.Manifest.permission.ACCESS_FINE_LOCATION,
68         android.Manifest.permission.WRITE_EXTERNAL_STORAGE,
69         android.Manifest.permission.READ_PHONE_STATE,
70         android.Manifest.permission.CAMERA
71     };
72     @Override
73     protected void onCreate(Bundle savedInstanceState) {
74         super.onCreate(savedInstanceState);
75         setContentView(R.layout.activity_company);
76         if (!hasPermissions(this, PERMISSIONS)) {
77             ActivityCompat.requestPermissions(this, PERMISSIONS,
78                 PERMISSION_ALL);
79         }
80         getSupportActionBar().setTitle("Register Perusahaan");
81         ivPerusahaan = findViewById(R.id.img_perusahaan);
82         spPerusahaan = findViewById(R.id.sp_perusahaan);
83         spPembimbing = findViewById(R.id.sp_pembimbing);
84         btnSimpan = findViewById(R.id.btn_simpan);
85         pref = SharedPrefManager.getInstance(getApplicationContext());
86     }

```

```

85     mApiInterface = APIClient.getClient().create(APIService.class
86 );
87     getLocation();
88     loadPembimbing();
89     btnSimpan.setOnClickListener(this);
90     ivPerusahaan.setOnClickListener(this);
91 }
92 public static boolean hasPermissions(Context context, String...
93 permissions) {
94     if (context != null && permissions != null) {
95         for (String permission : permissions) {
96             if (ActivityCompat.checkSelfPermission(context,
97                 permission) != PackageManager.PERMISSION_GRANTED) {
98                 return false;
99             }
100         }
101     }
102     return true;
103 }
104 public void simpanPerusahaan(){
105     final ProgressDialog progressDialog = new ProgressDialog(this
106 );
107     progressDialog.setMessage("Menyimpan data...");
108     progressDialog.setCancelable(false);
109     progressDialog.show();
110     int idPer = (int) spPerusahaan.getSelectedItemId();
111     int idPem = (int) spPembimbing.getSelectedItemId();
112     String idPembimbing = keys[idPem];
113     String namaPerusahaan = values[idPer];
114     String idIntern = pref.getRegistrasiPerusahaan().getIdIntern
115 ();
116     String idMahasiswa = pref.getRegistrasiPerusahaan().
117 getIdMahasiswa();
118     String idDosen = pref.getRegistrasiPerusahaan().getIdDosen();
119     File image = new File(imageFilePath);
120     File file = null;
121     try {
122         file = new Compressor(getApplicationContext()).
123 compressToFile(image);
124     } catch (IOException e) {
125         e.printStackTrace();
126     }
127     if (idIntern != null && idMahasiswa != null && !
128 namaPerusahaan.isEmpty() && !idPembimbing.isEmpty() && !latitude.
129 isEmpty() && !longitude.isEmpty() && file != null){
130         RequestBody mIdDosen = RequestBody.create(MediaType.parse
131 ("text/plain"), idDosen);
132         RequestBody mIdIntern = RequestBody.create(MediaType.
133 parse("text/plain"), idIntern);
134         RequestBody mIdMahasiswa = RequestBody.create(MediaType.
135 parse("text/plain"), idMahasiswa);
136         RequestBody mNamePerusahaan = RequestBody.create(
137 MediaType.parse("text/plain"), namaPerusahaan);
138         RequestBody mIdPembimbing = RequestBody.create(MediaType.
139 parse("text/plain"), idPembimbing);

```

```

126         requestBody mLatitudePerusahaan = RequestBody.create(
127             MediaType.parse("text/plain"), latitude);
128         requestBody mLongitudePerusahaan = RequestBody.create(
129             MediaType.parse("text/plain"), longitude);
130         requestBody requestFile = RequestBody.create(MediaType.
131             parse("multipart/form-data"), file);
132         MultipartBody.Part mFotoPerusahaan = MultipartBody.Part.
133             createFormData("foto-perusahaan", file.getName(), requestFile);
134         Call<ResponseInfo> call = mApiInterface.
135             registrasiPerusahaan(mIdDosen, mIdIntern, mIdMahasiswa,
136             mNamaPerusahaan, mIdPembimbing, mLatitudePerusahaan,
137             mLongitudePerusahaan, mFotoPerusahaan);
138         call.enqueue(new Callback<ResponseInfo>() {
139             @Override
140             public void onResponse(Call<ResponseInfo> call,
141                 Response<ResponseInfo> response) {
142                 progressDialog.dismiss();
143                 Toast.makeText(getApplicationContext(), response.
144                 body().getMessage(), Toast.LENGTHLONG).show();
145                 if(response.body().getStatus().equals("200")){
146                     startActivity(new Intent(
147                     getApplicationContext(), LoginActivity.class));
148                     finish();
149                 }
150             }
151         }
152         @Override
153         public void onFailure(Call<ResponseInfo> call,
154             Throwable t) {
155             progressDialog.dismiss();
156             Toast.makeText(getApplicationContext(), "Error :
157             "+t.getMessage(), Toast.LENGTHLONG).show();
158         }
159     });
160 } else {
161     progressDialog.dismiss();
162     Toast.makeText(getApplicationContext(), "Something empty"
163     , Toast.LENGTHLONG).show();
164 }
165 }
166 public void loadPembimbing(){
167     Call<ResponsePembimbing> call = mApiInterface.getPembimbing()
168     ;
169     call.enqueue(new Callback<ResponsePembimbing>() {
170         @Override
171         public void onResponse(Call<ResponsePembimbing> call,
172             Response<ResponsePembimbing> response) {
173             pembimbings = response.body().getData();
174             spinnerPerusahaan(pembimbings);
175             spinnerPembimbing(pembimbings);
176         }
177     }
178     @Override
179     public void onFailure(Call<ResponsePembimbing> call,
180         Throwable t) {
181         Toast.makeText(getApplicationContext(), "Error : "+t.
182         getMessage(), Toast.LENGTHLONG).show();
183     }
184 }

```

```

165     });
166 }
167 private void capturePhoto() {
168     Intent pictureIntent = new Intent(MediaStore.
ACTION_IMAGE_CAPTURE);
169     if (pictureIntent.resolveActivity(getPackageManager()) !=
null) {
170         File photoFile;
171         try {
172             photoFile = createImageFile();
173
174         } catch (IOException e) {
175             e.printStackTrace();
176             return;
177         }
178         Uri photoUri = FileProvider.getUriForFile(this,
getPackageName() + ".provider", photoFile);
179         pictureIntent.putExtra(MediaStore.EXTRA_OUTPUT, photoUri)
;
180         startActivityForResult(pictureIntent, REQUEST_IMAGE);
181     }
182 }
183 private File createImageFile() throws IOException {
184     String timeStamp = new SimpleDateFormat("yyyyMMddHHmmss",
Locale.getDefault()).format(new Date());
185     String imageFileName = "IMG_" + timeStamp + "_";
186     File storageDir = getExternalFilesDir(Environment.
DIRECTORY_PICTURES);
187     File image = File.createTempFile(imageFileName, ".jpg",
storageDir);
188     imageFilePath = image.getAbsolutePath();
189     return image;
190 }
191 private void getLocation() {
192     try {
193         locationManager = (LocationManager) getSystemService(
Context.LOCATION_SERVICE);
194         locationManager.requestLocationUpdates(LocationManager.
NETWORK_PROVIDER, 5000, 5, this);
195     } catch (SecurityException e) {
196         e.printStackTrace();
197     }
198 }
199 public void spinnerPembimbing(List<Pembimbing> pembimbings) {
200     int size = pembimbings.size()+1;
201     String[] values = new String[size];
202     keys = new String[size];
203     HashMap<String, String> map;
204     int i = 0;
205     map = new HashMap<>();
206     values[i] = "Pilih Pembimbing";
207     keys[i] = "0";
208     map.put(keys[i], values[i]);
209     i++;
210     for (Pembimbing pembimbing : pembimbings) {
211         values[i] = pembimbing.getNamaPembimbing();

```

```

212         keys[i] = pembimbing.getIdPembimbing();
213         map.put(keys[i], values[i]);
214         i++;
215     }
216     ArrayAdapter<String> adapter = new ArrayAdapter<String>(this,
217         android.R.layout.simple_spinner_item, values) {
218         @Override
219         public boolean isEnabled(int position) {
220             return position != 0;
221         }
222         @Override
223         public View getDropDownView(int position, View
224             convertView, ViewGroup parent) {
225             View view = super.getDropDownView(position,
226                 convertView, parent);
227             TextView tv = (TextView) view;
228             if (position == 0) {
229                 tv.setTextColor(Color.GRAY);
230             } else {
231                 tv.setTextColor(Color.BLACK);
232             }
233             return view;
234         }
235     };
236     adapter.setDropDownViewResource(android.R.layout.
237         simple_spinner_dropdown_item);
238     spPembimbing.setAdapter(adapter);
239 }
240 public void spinnerPerusahaan(List<Pembimbing> pembimbings) {
241     int size = pembimbings.size()+1;
242     values = new String[size];
243     int i = 0;
244     values[i] = "Pilih Perusahaan";
245     i++;
246     for (Pembimbing pembimbing : pembimbings) {
247         values[i] = pembimbing.getNamaPerusahaan();
248         i++;
249     }
250     ArrayAdapter<String> adapter = new ArrayAdapter<String>(this,
251         android.R.layout.simple_spinner_item, values) {
252         @Override
253         public boolean isEnabled(int position) {
254             return position != 0;
255         }
256         @Override
257         public View getDropDownView(int position, View
258             convertView, ViewGroup parent) {
259             View view = super.getDropDownView(position,
260                 convertView, parent);
261             TextView tv = (TextView) view;
262             if (position == 0) {
263                 tv.setTextColor(Color.GRAY);
264             } else {
265                 tv.setTextColor(Color.BLACK);
266             }
267             return view;

```

```

261     }
262     };
263     adapter . setDropDownViewResource( android . R . layout .
simple_spinner_dropdown_item );
264     spPerusahaan . setAdapter ( adapter );
265 }
266 @Override
267 public void onClick ( View view ) {
268     if ( view == btnSimpan ) {
269         simpanPerusahaan ();
270     } else if ( view == ivPerusahaan ) {
271         capturePhoto ();
272     }
273 }
274 @Override
275 public void onLocationChanged ( Location location ) {
276     latitude = String . valueOf ( location . getLatitude () );
277     longitude = String . valueOf ( location . getLongitude () );
278 }
279 @Override
280 public void onStatusChanged ( String s , int i , Bundle bundle ) {
281 }
282 @Override
283 public void onProviderEnabled ( String s ) {
284 }
285 @Override
286 public void onProviderDisabled ( String s ) {
287     Toast . makeText ( this , "Please Enable GPS and Internet" , Toast .
LENGTH_SHORT ) . show () ;
288 }
289 @Override
290 public void onRequestPermissionsResult ( int requestCode , String []
permissions , int [] grantResults ) {
291     super . onRequestPermissionsResult ( requestCode , permissions ,
grantResults );
292     if ( requestCode == PERMISSION_ALL && grantResults . length > 0 )
293     {
294         if ( grantResults [ 0 ] == PackageManager . PERMISSION_GRANTED )
295         {
296             Toast . makeText ( this , "Thanks for granting Permission"
, Toast . LENGTH_SHORT ) . show () ;
297         }
298     }
299 }
300 @Override
301 protected void onActivityResult ( int requestCode , int resultCode ,
Intent data ) {
302     super . onActivityResult ( requestCode , resultCode , data );
303     if ( requestCode == REQUEST_IMAGE ) {
304         if ( resultCode == RESULT_OK ) {
305             Glide . with ( this ) . load ( imagePath ) . into (
ivPerusahaan );
306         } else if ( resultCode == RESULT_CANCELED ) {
307             imagePath = "";
308             Toast . makeText ( this , "You cancelled the operation" ,
Toast . LENGTH_SHORT ) . show () ;

```

```

307     }
308 }
309 }
310 }

1 <RelativeLayout xmlns:android="http://schemas.android.com/apk/res/
  android"
2   xmlns:tools="http://schemas.android.com/tools"
3   android:layout_width="match_parent"
4   android:layout_height="match_parent"
5   tools:context=".activity.DetailProgressActivity">
6   <ProgressBar
7       android:id="@+id/pb_progress"
8       style="?android:attr/progressBarStyle"
9       android:layout_width="wrap_content"
10      android:layout_height="wrap_content"
11      android:layout_centerHorizontal="true"
12      android:layout_centerVertical="true"
13      android:maxWidth="30dp"
14      android:maxHeight="30dp"
15      android:minWidth="30dp"
16      android:minHeight="30dp"
17      android:visibility="gone" />
18   <TextView
19       android:id="@+id/tv_error"
20       android:layout_width="wrap_content"
21       android:layout_height="wrap_content"
22       android:layout_centerHorizontal="true"
23       android:layout_centerVertical="true"
24       android:text="Gagal memuat data"
25       android:visibility="gone" />
26   <ScrollView
27       android:layout_width="match_parent"
28       android:layout_height="wrap_content"
29       android:layout_centerHorizontal="true">
30       <LinearLayout
31           android:layout_width="match_parent"
32           android:layout_height="wrap_content"
33           android:orientation="vertical"
34           android:paddingBottom="60dp">
35           <androidx.recyclerview.widget.RecyclerView
36               android:id="@+id/rv_progress"
37               android:layout_width="match_parent"
38               android:layout_height="match_parent"
39               android:scrollbars="vertical" />
40       </LinearLayout>
41   </ScrollView>
42 </RelativeLayout>

```

```

1 package com.divakrishnam.actspotmahasiswa.activity;
2 import androidx.appcompat.app.AppCompatActivity;
3 import androidx.recyclerview.widget.LinearLayoutManager;
4 import androidx.recyclerview.widget.RecyclerView;
5 import android.os.Bundle;
6 import android.util.Log;
7 import android.view.View;

```

```

8  import android.widget.ProgressBar;
9  import android.widget.TextView;
10 import com.divakrishnam.actspotmahasiswa.R;
11 import com.divakrishnam.actspotmahasiswa.adapter.
    DetailProgressAdapter;
12 import com.divakrishnam.actspotmahasiswa.api.APIClient;
13 import com.divakrishnam.actspotmahasiswa.api.APIService;
14 import com.divakrishnam.actspotmahasiswa.model.ResponseProgressPerDay
    ;
15 import com.divakrishnam.actspotmahasiswa.util.SharedPreferences;
16 import retrofit2.Call;
17 import retrofit2.Callback;
18 import retrofit2.Response;
19 public class DetailProgressActivity extends AppCompatActivity {
20     public static final String EXTRA_DAY = "extra_day";
21     private RecyclerView rvProgress;
22     private APIService mApiInterface;
23     private SharedPreferences pref;
24     private ProgressBar pbProgress;
25     private TextView tvError;
26     private String tglWaktu;
27     @Override
28     protected void onCreate(Bundle savedInstanceState) {
29         super.onCreate(savedInstanceState);
30         setContentView(R.layout.activity_detail_progress);
31         getSupportActionBar().setTitle("Detail Progress");
32         pbProgress = findViewById(R.id.pb-progress);
33         rvProgress = findViewById(R.id.rv-progress);
34         tvError = findViewById(R.id.tv_error);
35         pref = SharedPreferences.getInstance(getApplicationContext());
36
37         mApiInterface = APIClient.getClient().create(APIService.class);
38     };
39     tglWaktu = getIntent().getStringExtra(EXTRA_DAY);
40     showDetailProgress();
41 }
42 private void showDetailProgress() {
43     showLoading(true);
44     String idMahasiswa = pref.getMahasiswaLogin().getIdMahasiswa();
45     String idIntern = pref.getMahasiswaLogin().getIdIntern();
46     rvProgress.setLayoutManager(new LinearLayoutManager(
47         getApplicationContext()));
48     Call<ResponseProgressPerDay> call = mApiInterface.
49     progressPerDayMahasiswa(idIntern, idMahasiswa, tglWaktu);
50     call.enqueue(new Callback<ResponseProgressPerDay>() {
51         @Override
52         public void onResponse(Call<ResponseProgressPerDay> call,
53             Response<ResponseProgressPerDay> response) {
54             showLoading(false);
55             if (response.body().getStatus().equals("200")) {
56                 DetailProgressAdapter detailProgressAdapter = new
57                 DetailProgressAdapter(getApplicationContext(), response.body().
58                 getData());
59                 rvProgress.setAdapter(detailProgressAdapter);
60             } else {

```



```

54         showMessage(true, response.body().getMessage());
55     }
56 }
57 @Override
58 public void onFailure(Call<ResponseProgressPerDay> call,
59     Throwable t) {
60     showLoading(false);
61     showMessage(true, t.getMessage());
62 }
63 });
64 }
65 private void showLoading(Boolean state) {
66     if (state) {
67         pbProgress.setVisibility(View.VISIBLE);
68     } else {
69         pbProgress.setVisibility(View.GONE);
70     }
71 }
72 private void showMessage(Boolean state, String message) {
73     if (state) {
74         tvError.setText(message);
75         tvError.setVisibility(View.VISIBLE);
76     } else {
77         tvError.setVisibility(View.GONE);
78     }
79 }

```

```

1 <?xml version="1.0" encoding="utf-8"?>
2 <LinearLayout xmlns:android="http://schemas.android.com/apk/res/
3     android"
4     xmlns:tools="http://schemas.android.com/tools"
5     android:layout_width="match_parent"
6     android:layout_height="match_parent"
7     android:orientation="vertical"
8     android:layout_marginHorizontal="12dp"
9     tools:context=".activity.LoginActivity">
10     <TextView
11         android:layout_width="match_parent"
12         android:layout_height="wrap_content"
13         android:text="Username"
14         android:layout_marginTop="10dp"/>
15     <EditText
16         android:id="@+id/et_username"
17         android:layout_width="match_parent"
18         android:layout_height="wrap_content"
19         android:layout_marginVertical="8dp"
20         android:paddingHorizontal="10dp"
21         android:paddingVertical="10dp"
22         android:background="@drawable/custom_edittext"/>
23     <TextView
24         android:layout_width="match_parent"
25         android:layout_height="wrap_content"
26         android:text="Password"
27         android:layout_marginTop="10dp"/>
28     <EditText

```

```

28         android:id="@+id/et_password"
29         android:layout_width="match_parent"
30         android:layout_height="wrap_content"
31         android:layout_marginVertical="8dp"
32         android:paddingHorizontal="10dp"
33         android:paddingVertical="10dp"
34         android:inputType="textPassword"
35         android:background="@drawable/custom_edittext"/>
36     <Button
37         android:id="@+id/btn_login"
38         android:layout_width="match_parent"
39         android:layout_height="wrap_content"
40         android:text="Login"
41         android:layout_marginVertical="12dp"
42         android:textColor="@android:color/white"
43         android:background="@color/colorPrimaryDark"/>
44     <Button
45         android:id="@+id/btn_registrasi"
46         android:layout_width="match_parent"
47         android:layout_height="wrap_content"
48         android:text="Registrasi"
49         android:layout_marginVertical="6dp"
50         android:textColor="@android:color/white"
51         android:background="@color/colorPrimaryDark"/>
52 </LinearLayout>

```

```

1 package com.divakrishnam.actspotmahasiswa.activity;
2 import androidx.appcompat.app.AppCompatActivity;
3 import android.app.ProgressDialog;
4 import android.content.Intent;
5 import android.os.Bundle;
6 import android.view.View;
7 import android.widget.Button;
8 import android.widget.EditText;
9 import android.widget.Toast;
10 import com.divakrishnam.actspotmahasiswa.R;
11 import com.divakrishnam.actspotmahasiswa.api.APIClient;
12 import com.divakrishnam.actspotmahasiswa.api.APIService;
13 import com.divakrishnam.actspotmahasiswa.model.ResponseLogin;
14 import com.divakrishnam.actspotmahasiswa.util.SharedPrefManager;
15 import retrofit2.Call;
16 import retrofit2.Callback;
17 import retrofit2.Response;
18 import retrofit2.Retrofit;
19 import retrofit2.converter.gson.GsonConverterFactory;
20 public class LoginActivity extends AppCompatActivity implements View.
    OnClickListener{
21     private EditText etUsername, etPassword;
22     private Button btnLogin, btnRegistrasi;
23     private APIService mApiInterface;
24     @Override
25     protected void onCreate(Bundle savedInstanceState) {
26         super.onCreate(savedInstanceState);
27         setContentView(R.layout.activity_login);
28         getSupportActionBar().setTitle("Login");
29         etUsername = findViewById(R.id.et_username);

```

```

30         etPassword = findViewById(R.id.et_password);
31         btnLogin = findViewById(R.id.btn_login);
32         btnRegistrasi = findViewById(R.id.btn_registrasi);
33         btnLogin.setOnClickListener(this);
34         btnRegistrasi.setOnClickListener(this);
35         mApiInterface = APIClient.getClient().create(APIService.class);
36     };
37     }
38     @Override
39     public void onClick(View view) {
40         if (view == btnLogin){
41             mahasiswaLogin();
42         } else if (view == btnRegistrasi){
43             startActivity(new Intent(getApplicationContext(),
44                 RegisterActivity.class));
45         }
46     }
47     private void mahasiswaLogin() {
48         final ProgressDialog progressDialog = new ProgressDialog(this);
49         progressDialog.setMessage("Log In...");
50         progressDialog.setCancelable(false);
51         progressDialog.show();
52         String username = etUsername.getText().toString();
53         String password = etPassword.getText().toString();
54         if (!username.isEmpty() && !password.isEmpty()){
55             Call<ResponseLogin> call = mApiInterface.mahasiswaLogin(
56                 username, password);
57             call.enqueue(new Callback<ResponseLogin>() {
58                 @Override
59                 public void onResponse(Call<ResponseLogin> call,
60                     Response<ResponseLogin> response) {
61                     progressDialog.dismiss();
62                     Toast.makeText(getApplicationContext(), response.
63                         body().getMessage(), Toast.LENGTH_LONG).show();
64                     switch (response.body().getStatus()) {
65                         case "202":
66                             SharedPreferences.getInstance(
67                                 getApplicationContext()).registrasiPerusahaan(response.body().
68                                 getData());
69                             startActivity(new Intent(
70                                 getApplicationContext(), CompanyActivity.class));
71                             finish();
72                             break;
73                         case "203":
74                             startActivity(new Intent(
75                                 getApplicationContext(), NoticeActivity.class));
76                             finish();
77                             break;
78                         case "201":
79                             SharedPreferences.getInstance(
80                                 getApplicationContext()).mahasiswaLogin(response.body().getData()
81                                 );
82                             startActivity(new Intent(
83                                 getApplicationContext(), MainActivity.class));
84                             finish();

```

```

73         break;
74     }
75 }
76 @Override
77 public void onFailure(Call<ResponseLogin> call,
78     Throwable t) {
79     progressDialog.dismiss();
80     Toast.makeText(getApplicationContext(), "Error :
81     "+t.getMessage(), Toast.LENGTH_LONG).show();
82 }
83 }else{
84     progressDialog.dismiss();
85     Toast.makeText(getApplicationContext(), "Field tidak
86     boleh kosong", Toast.LENGTH_LONG).show();
87 }
88 }
89 }

```

```

1 <?xml version="1.0" encoding="utf-8"?>
2 <RelativeLayout xmlns:android="http://schemas.android.com/apk/res/
3     android"
4     xmlns:app="http://schemas.android.com/apk/res-auto"
5     xmlns:tools="http://schemas.android.com/tools"
6     android:layout_width="match_parent"
7     android:layout_height="match_parent"
8     tools:context=".activity.MainActivity">
9     <FrameLayout
10         android:id="@+id/fl_container"
11         android:layout_width="match_parent"
12         android:layout_height="match_parent"
13         app:layout_behavior="@string/appbar_scrolling_view_behavior"
14     />
15     <com.google.android.material.bottomnavigation.
16     BottomNavigationView
17         android:id="@+id/bn_main"
18         android:layout_width="match_parent"
19         android:layout_height="wrap_content"
20         android:layout_alignParentBottom="true"
21         android:background="@android:color/white"
22         app:itemIconTint="@drawable/state_bottom_navigation"
23         app:itemTextColor="@drawable/state_bottom_navigation"
24         app:menu="@menu/menu_bottom_nav"
25         app:labelVisibilityMode="labeled"/>
26 </RelativeLayout>

```

```

1 package com.divakrishnam.actspotmahasiswa.activity;
2 import androidx.annotation.NonNull;
3 import androidx.appcompat.app.ActionBar;
4 import androidx.appcompat.app.AppCompatActivity;
5 import androidx.core.app.ActivityCompat;
6 import androidx.core.content.ContextCompat;
7 import androidx.fragment.app.Fragment;
8 import android.Manifest;
9 import android.content.Context;
10 import android.content.Intent;

```

```

11 import android.content.pm.PackageManager;
12 import android.os.Bundle;
13 import android.view.MenuItem;
14 import android.widget.Toast;
15 import com.divakrishnam.actspotmahasiswa.R;
16 import com.divakrishnam.actspotmahasiswa.fragment.AbsenceFragment;
17 import com.divakrishnam.actspotmahasiswa.fragment.
    NotificationFragment;
18 import com.divakrishnam.actspotmahasiswa.fragment.ProfileFragment;
19 import com.divakrishnam.actspotmahasiswa.fragment.ProgressFragment;
20 import com.divakrishnam.actspotmahasiswa.util.SharedPrefManager;
21 import com.google.android.material.bottomnavigation.
    BottomNavigationView;
22 public class MainActivity extends AppCompatActivity implements
    BottomNavigationView.OnNavigationItemSelectedListener{
23     private static final int PERMISSION_ALL = 100;
24     private String[] PERMISSIONS = {
25         android.Manifest.permission.ACCESS_FINE_LOCATION,
26         android.Manifest.permission.WRITE_EXTERNAL_STORAGE,
27         android.Manifest.permission.READ_PHONE_STATE
28     };
29     @Override
30     protected void onCreate(Bundle savedInstanceState) {
31         super.onCreate(savedInstanceState);
32         setContentView(R.layout.activity_main);
33         if (!SharedPrefManager.getInstance(this).isLoggedIn()) {
34             finish();
35             startActivity(new Intent(getApplicationContext(),
    LoginActivity.class));
36         }else{
37             if (!hasPermissions(this, PERMISSIONS)) {
38                 ActivityCompat.requestPermissions(this, PERMISSIONS,
    PERMISSION_ALL);
39             }
40         }
41         loadFragment(new ProgressFragment());
42         BottomNavigationView bottomNavigationView = findViewById(R.id
    .bn_main);
43         bottomNavigationView.setOnNavigationItemSelectedListener(this
    );
44     }
45     private boolean loadFragment(Fragment fragment){
46         if (fragment != null) {
47             getSupportFragmentManager().beginTransaction()
48                 .replace(R.id.fl_container, fragment)
49                 .commit();
50             return true;
51         }
52         return false;
53     }
54     public void setActionBarTitle(String title) {
55         getSupportActionBar().setTitle(title);
56     }
57     @Override
58     public boolean onNavigationItemSelectedListener(@NonNull MenuItem item) {
59         Fragment fragment = null;

```

```

60         switch (item.getItemId()) {
61             case R.id.menu_progress:
62                 fragment = new ProgressFragment();
63                 break;
64             case R.id.menu_absence:
65                 fragment = new AbsenceFragment();
66                 break;
67             case R.id.menu_notification:
68                 fragment = new NotificationFragment();
69                 break;
70             case R.id.menu_profile:
71                 fragment = new ProfileFragment();
72                 break;
73         }
74         return loadFragment(fragment);
75     }
76     @Override
77     public void onRequestPermissionsResult(int requestCode, String[]
78     permissions, int[] grantResults) {
79         super.onRequestPermissionsResult(requestCode, permissions,
80         grantResults);
81         if (requestCode == PERMISSION_ALL && grantResults.length > 0)
82         {
83             if (grantResults[0] == PackageManager.PERMISSION_GRANTED)
84             {
85                 Toast.makeText(this, "Thanks for granting Permission"
86                 , Toast.LENGTH_SHORT).show();
87             }
88         }
89     }
90     public static boolean hasPermissions(Context context, String...
91     permissions) {
92         if (context != null && permissions != null) {
93             for (String permission : permissions) {
94                 if (ActivityCompat.checkSelfPermission(context,
95                 permission) != PackageManager.PERMISSION_GRANTED) {
96                     return false;
97                 }
98             }
99         }
100         return true;
101     }
102 }

```

```

1 <?xml version="1.0" encoding="utf-8"?>
2 <LinearLayout xmlns:android="http://schemas.android.com/apk/res/
3     android"
4     xmlns:app="http://schemas.android.com/apk/res-auto"
5     xmlns:tools="http://schemas.android.com/tools"
6     android:layout_width="match_parent"
7     android:layout_height="match_parent"
8     android:orientation="vertical"
9     android:gravity="center"
10    android:layout_marginBottom="50dp"
11    tools:context=".activity.NoticeActivity">
12    <ImageView

```

```

12         android:layout_width="100dp"
13         android:layout_height="100dp"
14         android:src="@drawable/ic_info_outline_black"/>
15     <TextView
16         android:layout_width="wrap_content"
17         android:layout_height="wrap_content"
18         android:text="Tunggu konfirmasi dari admin ActSpot untuk bisa
19         masuk aplikasi."
20         android:textSize="18sp"
21         android:gravity="center"
22         android:layout_margin="20dp"/>
23 </LinearLayout>

```

```

1 package com.divakrishnam.actspotmahasiswa.activity;
2 import androidx.appcompat.app.AppCompatActivity;
3 import android.os.Bundle;
4 import com.divakrishnam.actspotmahasiswa.R;
5 public class NoticeActivity extends AppCompatActivity {
6     @Override
7     protected void onCreate(Bundle savedInstanceState) {
8         super.onCreate(savedInstanceState);
9         setContentView(R.layout.activity_notice);
10
11         getSupportActionBar().setTitle("Notice");
12     }
13 }

```

```

1 <?xml version="1.0" encoding="utf-8"?>
2 <LinearLayout xmlns:android="http://schemas.android.com/apk/res/
3     android"
4     xmlns:app="http://schemas.android.com/apk/res-auto"
5     xmlns:tools="http://schemas.android.com/tools"
6     android:layout_width="match_parent"
7     android:layout_height="match_parent"
8     android:orientation="vertical"
9     android:layout_marginHorizontal="12dp"
10     tools:context=".activity.PasswordActivity">
11     <TextView
12         android:layout_width="match_parent"
13         android:layout_height="wrap_content"
14         android:text="Sandi Lama"
15         android:layout_marginTop="10dp"/>
16     <EditText
17         android:id="@+id/et_oldpass"
18         android:layout_width="match_parent"
19         android:layout_height="wrap_content"
20         android:layout_marginVertical="8dp"
21         android:paddingHorizontal="10dp"
22         android:paddingVertical="10dp"
23         android:inputType="textPassword"
24         android:background="@drawable/custom_edittext"/>
25     <TextView
26         android:layout_width="match_parent"
27         android:layout_height="wrap_content"
28         android:text="Sandi Baru"
29         android:layout_marginTop="10dp"/>

```

```

29 <EditText
30     android:id="@+id/et_newpass"
31     android:layout_width="match_parent"
32     android:layout_height="wrap_content"
33     android:layout_marginVertical="8dp"
34     android:paddingHorizontal="10dp"
35     android:paddingVertical="10dp"
36     android:inputType="textPassword"
37     android:background="@drawable/custom_edittext"/>
38 <TextView
39     android:layout_width="match_parent"
40     android:layout_height="wrap_content"
41     android:text="Konfirmasi Sandi Baru"
42     android:layout_marginTop="10dp"/>
43 <EditText
44     android:id="@+id/et_cnewpass"
45     android:layout_width="match_parent"
46     android:layout_height="wrap_content"
47     android:layout_marginVertical="8dp"
48     android:paddingHorizontal="10dp"
49     android:paddingVertical="10dp"
50     android:inputType="textPassword"
51     android:background="@drawable/custom_edittext"/>
52 <Button
53     android:id="@+id/btn_savepass"
54     android:layout_width="match_parent"
55     android:layout_height="wrap_content"
56     android:text="Simpan"
57     android:layout_marginVertical="12dp"/>
58 </LinearLayout>

```

```

1 package com.divakrishnam.actspotmahasiswa.activity;
2 import androidx.appcompat.app.AppCompatActivity;
3 import android.app.ProgressDialog;
4 import android.content.Intent;
5 import android.os.Bundle;
6 import android.view.View;
7 import android.widget.Button;
8 import android.widget.EditText;
9 import android.widget.Toast;
10 import com.divakrishnam.actspotmahasiswa.R;
11 import com.divakrishnam.actspotmahasiswa.api.APIClient;
12 import com.divakrishnam.actspotmahasiswa.api.APIService;
13 import com.divakrishnam.actspotmahasiswa.model.ResponseInfo;
14 import com.divakrishnam.actspotmahasiswa.util.SharedPreferences;
15 import retrofit2.Call;
16 import retrofit2.Callback;
17 import retrofit2.Response;
18 public class PasswordActivity extends AppCompatActivity implements
    View.OnClickListener {
19     private EditText etOldPass, etNewPass, etCNewPass;
20     private Button btnSave;
21     private SharedPreferences pref;
22     private APIService mApiInterface;
23     @Override
24     protected void onCreate(Bundle savedInstanceState) {

```



```

25         super.onCreate(savedInstanceState);
26         setContentView(R.layout.activity_password);
27         getSupportActionBar().setTitle("Change Password");
28         etOldPass = findViewById(R.id.et_oldpass);
29         etNewPass = findViewById(R.id.et_newpass);
30         etCNewPass = findViewById(R.id.et_cnewpass);
31         btnSave = findViewById(R.id.btn_savepass);
32         pref = SharedPreferences.getInstance(getApplicationContext());
33
34         mApiInterface = APIClient.getClient().create(APIService.class);
35     }
36     @Override
37     public void onClick(View view) {
38         if (view == btnSave){
39             savePassword();
40         }
41     }
42     private void savePassword() {
43         final ProgressDialog progressDialog = new ProgressDialog(this);
44         progressDialog.setMessage("Menyimpan data...");
45         progressDialog.setCancelable(false);
46         progressDialog.show();
47         String oldPass = etOldPass.getText().toString();
48         String newPass = etNewPass.getText().toString();
49         String cNewPass = etCNewPass.getText().toString();
50         String idMahasiswa = pref.getMahasiswaLogin().getIdMahasiswa();
51         if (!oldPass.isEmpty() && !newPass.isEmpty() && !cNewPass.isEmpty() && oldPass.equals(pref.getMahasiswaLogin().getPassword()) && newPass.equals(cNewPass)){
52             Call<ResponseInfo> call = mApiInterface.mahasiswaUbahPassword(idMahasiswa, newPass);
53             call.enqueue(new Callback<ResponseInfo>() {
54                 @Override
55                 public void onResponse(Call<ResponseInfo> call, Response<ResponseInfo> response) {
56                     progressDialog.dismiss();
57                     Toast.makeText(getApplicationContext(), response.body().getMessage(), Toast.LENGTH_LONG).show();
58                     if (response.body().getStatus().equals("200")) {
59                         finish();
60                     }
61                 }
62                 @Override
63                 public void onFailure(Call<ResponseInfo> call, Throwable t) {
64                     progressDialog.dismiss();
65                     Toast.makeText(getApplicationContext(), "Error : "+t.getMessage(), Toast.LENGTH_LONG).show();
66                 }
67             });
68         } else {

```

```

69         if (!oldPass.isEmpty() && !newPass.isEmpty() && !cNewPass
.isEmpty()){
70             if (oldPass.equals(pref.getMahasiswaLogin().
getPassword())){
71                 Toast.makeText(getApplicationContext(), "Password
baru tidak sama dengan password lama.", Toast.LENGTH.SHORT).show
();
72             }else if (newPass.equals(cNewPass)){
73                 Toast.makeText(getApplicationContext(), "Password
tidak sama", Toast.LENGTH.SHORT).show();
74             }
75             }else{
76                 Toast.makeText(getApplicationContext(), "Field kosong
", Toast.LENGTH.SHORT).show();
77             }
78             progressDialog.dismiss();
79         }
80     }
81 }

```

```

1 <?xml version="1.0" encoding="utf-8"?>
2 <ScrollView xmlns:android="http://schemas.android.com/apk/res/android
"
3     xmlns:app="http://schemas.android.com/apk/res-auto"
4     xmlns:tools="http://schemas.android.com/tools"
5     android:layout_width="match_parent"
6     android:layout_height="match_parent"
7     tools:context=".activity.ProfileActivity">
8     <LinearLayout
9         android:layout_width="match_parent"
10        android:layout_height="wrap_content"
11        android:orientation="vertical"
12        android:gravity="center_horizontal"
13        android:padding="14dp">
14        <androidx.constraintlayout.widget.ConstraintLayout
15            android:layout_width="match_parent"
16            android:layout_height="wrap_content">
17            <de.hdodenhof.circleimageview.CircleImageView
18                android:id="@+id/img_profile"
19                android:layout_width="180dp"
20                android:layout_height="180dp"
21                android:layout_margin="20dp"
22                android:src="@drawable/profile"
23                app:layout_constraintBottom_toBottomOf="parent"
24                app:layout_constraintEnd_toEndOf="parent"
25                app:layout_constraintStart_toStartOf="parent"
26                app:layout_constraintTop_toTopOf="parent" />
27            <ImageView
28                android:layout_width="30dp"
29                android:layout_height="30dp"
30                android:layout_alignEnd="@id/img_profile"
31                android:layout_alignParentEnd="true"
32                android:layout_marginBottom="16dp"
33                android:background="@drawable/ic_add_circle_gray"
34                app:layout_constraintBottom_toBottomOf="parent"
35                app:layout_constraintEnd_toEndOf="parent"

```

```

36         app:layout_constraintHorizontal_bias="0.655"
37         app:layout_constraintStart_toStartOf="parent" />
38     </androidx.constraintlayout.widget.ConstraintLayout>
39     <TextView
40         android:layout_width="match_parent"
41         android:layout_height="wrap_content"
42         android:text="Nama"
43         android:layout_marginTop="8dp" />
44     <LinearLayout
45         android:layout_width="match_parent"
46         android:layout_height="wrap_content"
47         android:orientation="horizontal"
48         android:layout_marginVertical="8dp">
49         <TextView
50             android:id="@+id/tv_nama"
51             android:layout_width="match_parent"
52             android:layout_height="wrap_content"
53             android:layout_weight="1"
54             android:text="Kadek Diva Krishna Murti" />
55         <TextView
56             android:id="@+id/tv_edit_nama"
57             android:layout_width="match_parent"
58             android:layout_height="wrap_content"
59             android:layout_weight="9"
60             android:text="Ubah"
61             android:textColor="@android:color/darker_gray" />
62     </LinearLayout>
63     <TextView
64         android:layout_width="match_parent"
65         android:layout_height="wrap_content"
66         android:text="Kelas"
67         android:layout_marginTop="8dp" />
68     <LinearLayout
69         android:layout_width="match_parent"
70         android:layout_height="wrap_content"
71         android:orientation="horizontal"
72         android:layout_marginVertical="8dp">
73         <TextView
74             android:id="@+id/tv_kelas"
75             android:layout_width="match_parent"
76             android:layout_height="wrap_content"
77             android:layout_weight="1"
78             android:text="3A" />
79         <TextView
80             android:id="@+id/tv_edit_kelas"
81             android:layout_width="match_parent"
82             android:layout_height="wrap_content"
83             android:layout_weight="9"
84             android:text="Ubah"
85             android:textColor="@android:color/darker_gray" />
86     </LinearLayout>
87     <TextView
88         android:layout_width="match_parent"
89         android:layout_height="wrap_content"
90         android:text="Angkatan"
91         android:layout_marginTop="8dp" />

```

```

92 <LinearLayout
93     android:layout_width="match_parent"
94     android:layout_height="wrap_content"
95     android:orientation="horizontal"
96     android:layout_marginVertical="8dp">
97     <TextView
98         android:id="@+id/tv_angkatan"
99         android:layout_width="match_parent"
100        android:layout_height="wrap_content"
101        android:layout_weight="1"
102        android:text="2017" />
103     <TextView
104         android:id="@+id/tv_edit_angkatan"
105         android:layout_width="match_parent"
106         android:layout_height="wrap_content"
107         android:layout_weight="9"
108         android:text="Ubah"
109         android:textColor="@android:color/darker_gray" />
110 </LinearLayout>
111 <TextView
112     android:layout_width="match_parent"
113     android:layout_height="wrap_content"
114     android:text="Kontak"
115     android:layout_marginTop="8dp" />
116 <LinearLayout
117     android:layout_width="match_parent"
118     android:layout_height="wrap_content"
119     android:orientation="horizontal"
120     android:layout_marginVertical="8dp">
121     <TextView
122         android:id="@+id/tv_kontak"
123         android:layout_width="match_parent"
124         android:layout_height="wrap_content"
125         android:layout_weight="1"
126         android:text="2017" />
127     <TextView
128         android:id="@+id/tv_edit_kontak"
129         android:layout_width="match_parent"
130         android:layout_height="wrap_content"
131         android:layout_weight="9"
132         android:text="Ubah"
133         android:textColor="@android:color/darker_gray" />
134 </LinearLayout>
135 <TextView
136     android:layout_width="match_parent"
137     android:layout_height="wrap_content"
138     android:text="Program Studi"
139     android:layout_marginTop="8dp" />
140 <LinearLayout
141     android:layout_width="match_parent"
142     android:layout_height="wrap_content"
143     android:orientation="horizontal"
144     android:layout_marginVertical="8dp">
145     <TextView
146         android:id="@+id/tv_prodi"
147         android:layout_width="match_parent"

```

```

148         android:layout_height="wrap_content"
149         android:layout_weight="1"
150         android:text="D4 Teknik Informatika" />
151     </LinearLayout>
152     <TextView
153         android:layout_width="match_parent"
154         android:layout_height="wrap_content"
155         android:text="Pembimbing Internal"
156         android:layout_marginTop="8dp"/>
157     <LinearLayout
158         android:layout_width="match_parent"
159         android:layout_height="wrap_content"
160         android:orientation="horizontal"
161         android:layout_marginVertical="8dp">
162         <TextView
163             android:id="@+id/tv_dosen"
164             android:layout_width="match_parent"
165             android:layout_height="wrap_content"
166             android:layout_weight="1"
167             android:text="Kadek Diva Krishna Murti" />
168     </LinearLayout>
169     <TextView
170         android:layout_width="match_parent"
171         android:layout_height="wrap_content"
172         android:text="Pembimbing Eksternal"
173         android:layout_marginTop="8dp"/>
174     <LinearLayout
175         android:layout_width="match_parent"
176         android:layout_height="wrap_content"
177         android:orientation="horizontal"
178         android:layout_marginVertical="8dp">
179         <TextView
180             android:id="@+id/tv_pembimbing"
181             android:layout_width="match_parent"
182             android:layout_height="wrap_content"
183             android:layout_weight="1"
184             android:text="Kadek Diva Krishna Murti" />
185     </LinearLayout>
186     <TextView
187         android:layout_width="match_parent"
188         android:layout_height="wrap_content"
189         android:text="Perusahaan"
190         android:layout_marginTop="8dp"/>
191     <LinearLayout
192         android:layout_width="match_parent"
193         android:layout_height="wrap_content"
194         android:orientation="horizontal"
195         android:layout_marginVertical="8dp">
196         <TextView
197             android:id="@+id/tv_perusahaan"
198             android:layout_width="match_parent"
199             android:layout_height="wrap_content"
200             android:layout_weight="1"
201             android:text="Kadek Diva Krishna Murti" />
202     </LinearLayout>
203     <TextView

```

```

204         android:layout_width="match_parent"
205         android:layout_height="wrap_content"
206         android:text="Username"
207         android:layout_marginTop="8dp"/>
208     <LinearLayout
209         android:layout_width="match_parent"
210         android:layout_height="wrap_content"
211         android:orientation="horizontal"
212         android:layout_marginVertical="8dp">
213         <TextView
214             android:id="@+id/tv_username"
215             android:layout_width="match_parent"
216             android:layout_height="wrap_content"
217             android:layout_weight="1"
218             android:text="Politeknik Pos Indonesia" />
219         <TextView
220             android:id="@+id/tv_edit_username"
221             android:layout_width="match_parent"
222             android:layout_height="wrap_content"
223             android:layout_weight="9"
224             android:text="Ubah"
225             android:textColor="@android:color/darker_gray" />
226     </LinearLayout>
227 </LinearLayout>
228 </ScrollView>

```

```

1 package com.divakrishnam.actspotmahasiswa.activity;
2 import androidx.appcompat.app.AlertDialog;
3 import androidx.appcompat.app.AppCompatActivity;
4 import android.app.ProgressDialog;
5 import android.content.Intent;
6 import android.net.Uri;
7 import android.os.Bundle;
8 import android.view.View;
9 import android.widget.ImageView;
10 import android.widget.TextView;
11 import android.widget.Toast;
12 import com.bumptech.glide.Glide;
13 import com.divakrishnam.actspotmahasiswa.R;
14 import com.divakrishnam.actspotmahasiswa.api.APIClient;
15 import com.divakrishnam.actspotmahasiswa.api.APIService;
16 import com.divakrishnam.actspotmahasiswa.model.Login;
17 import com.divakrishnam.actspotmahasiswa.model.ResponseInfo;
18 import com.divakrishnam.actspotmahasiswa.util.SharedPrefManager;
19 import com.divakrishnam.actspotmahasiswa.util.Url;
20 import com.theartofdev.edmodo.cropper.CropImage;
21 import com.theartofdev.edmodo.cropper.CropImageView;
22 import java.io.File;
23 import java.io.IOException;
24 import id.zelory.compressor.Compressor;
25 import okhttp3.MediaType;
26 import okhttp3.MultipartBody;
27 import okhttp3.RequestBody;
28 import pl.aprilapps.easyphotopicker.DefaultCallback;
29 import pl.aprilapps.easyphotopicker.EasyImage;
30 import retrofit2.Call;

```

```

31 import retrofit2.Callback;
32 import retrofit2.Response;
33 public class ProfileActivity extends AppCompatActivity implements
    View.OnClickListener {
34     private ImageView ivProfil;
35     private TextView tvNama, tvEditNama, tvKelas, tvEditKelas,
        tvAngkatan, tvEditAngkatan, tvKontak, tvEditKontak, tvProdi,
        tvDosen, tvPembimbing, tvPerusahaan, tvUsername, tvEditUsername;
36     private SharedPreferences pref;
37     private ApiService mApiInterface;
38     private static final int REQUEST_IMAGE = 200;
39     private static final int REQUEST_PHOTO = 300;
40     @Override
41     protected void onCreate(Bundle savedInstanceState) {
42         super.onCreate(savedInstanceState);
43         setContentView(R.layout.activity_profile);
44         ivProfil = findViewById(R.id.img_profile);
45         tvNama = findViewById(R.id.tv_nama);
46         tvEditNama = findViewById(R.id.tv_edit_nama);
47         tvKelas = findViewById(R.id.tv_kelas);
48         tvEditKelas = findViewById(R.id.tv_edit_kelas);
49         tvAngkatan = findViewById(R.id.tv_angkatan);
50         tvEditAngkatan = findViewById(R.id.tv_edit_angkatan);
51         tvKontak = findViewById(R.id.tv_kontak);
52         tvEditKontak = findViewById(R.id.tv_edit_kontak);
53         tvProdi = findViewById(R.id.tv_prodi);
54         tvDosen = findViewById(R.id.tv_dosen);
55         tvPembimbing = findViewById(R.id.tv_pembimbing);
56         tvPerusahaan = findViewById(R.id.tv_perusahaan);
57         tvUsername = findViewById(R.id.tv_username);
58         tvEditUsername = findViewById(R.id.tv_edit_username);
59         pref = SharedPreferences.getInstance(getApplicationContext());
60
61         mApiInterface = APIClient.getClient().create(ApiService.class);
62
63         ivProfil.setOnClickListener(this);
64         tvEditUsername.setOnClickListener(this);
65         tvEditAngkatan.setOnClickListener(this);
66         tvEditKontak.setOnClickListener(this);
67         tvEditKelas.setOnClickListener(this);
68         tvEditNama.setOnClickListener(this);
69     }
70     @Override
71     protected void onResume() {
72         super.onResume();
73         Login mahasiswa = pref.getMahasiswaLogin();
74         if (mahasiswa != null){
75             getSupportActionBar().setTitle(mahasiswa.getNamaMahasiswa());
76
77             tvNama.setText(mahasiswa.getNamaMahasiswa());
78             tvKelas.setText(mahasiswa.getKelasMahasiswa());
79             tvAngkatan.setText(mahasiswa.getAngkatanMahasiswa());
80             tvProdi.setText(mahasiswa.getNamaProdi());
81             tvDosen.setText(mahasiswa.getNamaDosen());
82             tvPembimbing.setText(mahasiswa.getNamaPembimbing());
83             tvPerusahaan.setText(mahasiswa.getNamaPerusahaan());

```

```

81         tvUsername.setText(mahasiswa.getUsername());
82         tvKontak.setText(mahasiswa.getKontakMahasiswa());
83         Glide.with(this).load(Urls.IMAGE_URL+"mahasiswa/"+pref.
getMahasiswaLogin().getFotoMahasiswa()).error(R.drawable.profile)
        .into(ivProfil);
84     }
85 }
86 @Override
87 public void onClick(View view) {
88     if (view == ivProfil){
89         menuDialog();
90     }else if (view == tvEditUsername){
91         Intent text = new Intent(getApplicationContext(),
TextActivity.class);
92         text.putExtra(TextActivity.EXTRA_USER, pref.
getMahasiswaLogin().getUsername());
93         startActivity(text);
94     }else if (view == tvEditAngkatan){
95         Intent text = new Intent(getApplicationContext(),
SpinnerActivity.class);
96         text.putExtra(SpinnerActivity.EXTRA_TEXT, pref.
getMahasiswaLogin().getAngkatanMahasiswa());
97         startActivity(text);
98     }else if (view == tvEditKontak){
99         Intent text = new Intent(getApplicationContext(),
TextActivity.class);
100        text.putExtra(TextActivity.EXTRA_KONTAK, pref.
getMahasiswaLogin().getKontakMahasiswa());
101        startActivity(text);
102    }else if (view == tvEditKelas){
103        Intent text = new Intent(getApplicationContext(),
SpinnerActivity.class);
104        text.putExtra(SpinnerActivity.EXTRA_TEXT, pref.
getMahasiswaLogin().getKelasMahasiswa());
105        startActivity(text);
106    }else if (view == tvEditNama){
107        Intent text = new Intent(getApplicationContext(),
TextActivity.class);
108        text.putExtra(TextActivity.EXTRA_NAMA, pref.
getMahasiswaLogin().getNamaMahasiswa());
109        startActivity(text);
110    }
111 }
112 private void menuDialog(){
113     CharSequence[] menu = {"Camera", "Select Photo"};
114     AlertDialog.Builder dialog = new AlertDialog.Builder(this)
115         .setItems(menu, (dialogInterface, i) -> {
116         switch (i){
117             case 0:
118                 EasyImage.openCamera(this, REQUEST_IMAGE)
119                 ;
120             break;
121             case 1:
122                 EasyImage.openChooserWithGallery(this, "
Choose Picture",REQUEST_PHOTO);
123             break;

```



```

123         }
124     });
125     dialog.create();
126     dialog.show();
127 }
128 @Override
129 public void onActivityResult(int requestCode, int resultCode,
Intent data) {
130     super.onActivityResult(requestCode, resultCode, data);
131     EasyImage.handleActivityResult(requestCode, resultCode, data,
this, new DefaultCallback() {
132         @Override
133         public void onImagePicked(File imageFile, EasyImage.
ImageSource source, int type) {
134             CropImage.activity(Uri.fromFile(imageFile))
135                 .setGuidelines(CropImageView.Guidelines.ON)
136                 .setCropShape(CropImageView.CropShape.OVAL)
137                 .setFixAspectRatio(true)
138                 .start(ProfileActivity.this);
139         }
140         @Override
141         public void onImagePickerError(Exception e, EasyImage.
ImageSource source, int type) {
142             super.onImagePickerError(e, source, type);
143             Toast.makeText(ProfileActivity.this, e.getMessage(),
Toast.LENGTH_SHORT).show();
144         }
145         @Override
146         public void onCancel(EasyImage.ImageSource source, int
type) {
147             super.onCanceled(source, type);
148         }
149     });
150     if (requestCode == CropImage.CROP_IMAGE_ACTIVITY_REQUEST_CODE
) {
151         CropImage.ActivityResult result = CropImage.
getActivityResult(data);
152         if (resultCode == RESULT_OK) {
153             Uri resultUri = result.getUri();
154             simpanFoto(resultUri);
155         } else if (resultCode == CropImage.
CROP_IMAGE_ACTIVITY_RESULT_ERROR_CODE) {
156             Exception error = result.getError();
157             Toast.makeText(this, error.toString(), Toast.
LENGTH_SHORT).show();
158         }
159     }
160 }
161 public void simpanFoto(Uri resultUri){
162     final ProgressDialog progressDialog = new ProgressDialog(this
);
163     progressDialog.setMessage("Menyimpan data...");
164     progressDialog.setCancelable(false);
165     progressDialog.show();
166     File image = new File(resultUri.getPath());
167     File file = null;

```

```

168         try {
169             file = new Compressor(getApplicationContext()).
compressToFile(image);
170         } catch (IOException e) {
171             e.printStackTrace();
172         }
173         String idMahasiswa = pref.getMahasiswaLogin().getIdMahasiswa
();
174         String namaFile = file.getName();
175         if (!idMahasiswa.isEmpty() && !namaFile.isEmpty()){
176             RequestBody mIdDosen = RequestBody.create(MediaType.parse
("text/plain"), idMahasiswa);
177             RequestBody requestFile = RequestBody.create(MediaType.
parse("multipart/form-data"), file);
178             MultipartBody.Part mFotoMahasiswa = MultipartBody.Part.
createFormData("foto", file.getName(), requestFile);
179             Call<ResponseInfo> call = mApiInterface.mahasiswaUbahFoto
(mIdDosen, mFotoMahasiswa);
180             call.enqueue(new Callback<ResponseInfo>() {
181                 @Override
182                 public void onResponse(Call<ResponseInfo> call,
Response<ResponseInfo> response) {
183                     progressDialog.dismiss();
184                     Toast.makeText(getApplicationContext(), response.
body().getMessage(), Toast.LENGTH_LONG).show();
185                     if (response.body().getStatus().equals("200")) {
186                         Login login = pref.getMahasiswaLogin();
187                         login.setFotoMahasiswa(namaFile);
188                         pref.mahasiswaLogin(login);
189                         recreate();
190                     }
191                 }
192                 @Override
193                 public void onFailure(Call<ResponseInfo> call,
Throwable t) {
194                     progressDialog.dismiss();
195                     Toast.makeText(getApplicationContext(), "Error :
"+t.getMessage(), Toast.LENGTH_LONG).show();
196                 }
197             });
198         } else {
199             progressDialog.dismiss();
200             Toast.makeText(getApplicationContext(), "Something empty"
, Toast.LENGTH_LONG).show();
201         }
202     }
203 }

```

```

1 <?xml version="1.0" encoding="utf-8"?>
2 <androidx.constraintlayout.widget.ConstraintLayout xmlns:android="
http://schemas.android.com/apk/res/android"
3     xmlns:app="http://schemas.android.com/apk/res-auto"
4     xmlns:tools="http://schemas.android.com/tools"
5     android:layout_width="match_parent"
6     android:layout_height="match_parent"
7     tools:context=".activity.RegisterActivity">

```

```

8      <RelativeLayout
9          android:layout_width="match_parent"
10         android:layout_height="0dp"
11         app:layout_constraintBottom_toTopOf="@+id/linearLayout"
12         app:layout_constraintEnd_toEndOf="parent"
13         app:layout_constraintStart_toStartOf="parent"
14         app:layout_constraintTop_toTopOf="parent">
15         <FrameLayout
16             android:id="@+id/fl_camera"
17             android:layout_width="match_parent"
18             android:layout_height="match_parent"/>
19     </RelativeLayout>
20     <LinearLayout
21         android:id="@+id/linearLayout"
22         android:layout_width="match_parent"
23         android:layout_height="0dp"
24         android:background="@android:color/white"
25         android:gravity="center"
26         android:orientation="vertical"
27         app:layout_constraintBottom_toBottomOf="parent"
28         app:layout_constraintEnd_toEndOf="parent"
29         app:layout_constraintStart_toStartOf="parent"
30         app:layout_constraintHeight_percent="0.25">
31         <TextView
32             android:id="@+id/tv_result"
33             android:layout_width="match_parent"
34             android:layout_height="wrap_content"
35             android:gravity="center"
36             android:text="Scan QR Code" />
37     </LinearLayout>
38 </androidx.constraintlayout.widget.ConstraintLayout>

```

```

1 package com.divakrishnam.actspotmahasiswa.activity;
2 import androidx.annotation.NonNull;
3 import androidx.appcompat.app.AppCompatActivity;
4 import android.Manifest;
5 import android.app.ProgressDialog;
6 import android.content.Intent;
7 import android.content.pm.PackageManager;
8 import android.os.Build;
9 import android.os.Bundle;
10 import android.widget.FrameLayout;
11 import android.widget.TextView;
12 import android.widget.Toast;
13 import com.divakrishnam.actspotmahasiswa.R;
14 import com.divakrishnam.actspotmahasiswa.api.APIClient;
15 import com.divakrishnam.actspotmahasiswa.api.APIService;
16 import com.divakrishnam.actspotmahasiswa.model.ResponseInfo;
17 import com.google.zxing.Result;
18 import me.dm7.barcodescanner.zxing.ZXingScannerView;
19 import retrofit2.Call;
20 import retrofit2.Callback;
21 import retrofit2.Response;
22 public class RegisterActivity extends AppCompatActivity implements
23     ZXingScannerView.ResultHandler {
24     private ZXingScannerView mScannerView;

```

```

24 private FrameLayout flCamera;
25 private ApiService mApiInterface;
26 @Override
27 protected void onCreate(Bundle savedInstanceState) {
28     super.onCreate(savedInstanceState);
29     setContentView(R.layout.activity_register);
30     getSupportActionBar().setTitle("Register");
31     flCamera = findViewById(R.id.fl_camera);
32     mApiInterface = APIClient.getClient().create(ApiService.class
33 );
34     initView();
35 }
36 private void initView(){
37     mScannerView = new ZXingScannerView(this);
38     mScannerView.setAutoFocus(true);
39     mScannerView.setResultHandler(this);
40     flCamera.addView(mScannerView);
41 }
42 @Override
43 protected void onStart() {
44     doRequestPermission();
45     mScannerView.startCamera();
46     super.onStart();
47 }
48 @Override
49 protected void onPause() {
50     mScannerView.stopCamera();
51     super.onPause();
52 }
53 private void doRequestPermission() {
54     if (Build.VERSION.SDK_INT >= Build.VERSION_CODES.M) {
55         if (checkSelfPermission(Manifest.permission.CAMERA) !=
56             PackageManager.PERMISSION_GRANTED) {
57             requestPermissions(new String[]{Manifest.permission.
58 CAMERA}, 100);
59         }
60     }
61 }
62 @Override
63 public void handleResult(Result result) {
64     mahasiswaRegister(result.getText());
65     mScannerView.resumeCameraPreview(this);
66 }
67 private void mahasiswaRegister(String register) {
68     final ProgressDialog progressDialog = new ProgressDialog(this
69 );
70     progressDialog.setMessage("Verification...");
71     progressDialog.setCancelable(false);
72     progressDialog.show();
73     if (!register.isEmpty() && register != null){
74         Call<ResponseInfo> call = mApiInterface.
75 mahasiswaRegistrasi(register);
76         call.enqueue(new Callback<ResponseInfo>() {
77             @Override
78             public void onResponse(Call<ResponseInfo> call ,
79 Response<ResponseInfo> response) {

```

```

74         progressDialog.dismiss();
75         Toast.makeText(getApplicationContext(), response.
body().getMessage(), Toast.LENGTHLONG).show();
76         if(response.body().getStatus().equals("200")) {
77             finish();
78         }
79     }
80     @Override
81     public void onFailure(Call<ResponseInfo> call,
Throwable t) {
82         progressDialog.dismiss();
83         Toast.makeText(getApplicationContext(), "Error :
"+t.getMessage(), Toast.LENGTHLONG).show();
84     }
85     });
86 }
87 }
88 @Override
89 public void onRequestPermissionsResult(int requestCode, @NonNull
String[] permissions, @NonNull int[] grantResults) {
90     super.onRequestPermissionsResult(requestCode, permissions,
grantResults);
91     if (requestCode == 100) {
92         if (grantResults[0] == PackageManager.PERMISSION_GRANTED)
93         {
94             Toast.makeText(getApplicationContext(), "Camera
permission granted", Toast.LENGTHLONG).show();
95         } else {
96             Toast.makeText(getApplicationContext(), "Camera
permission denied", Toast.LENGTHLONG).show();
97         }
98     }
99 }

```

```

1 <?xml version="1.0" encoding="utf-8"?>
2 <LinearLayout xmlns:android="http://schemas.android.com/apk/res /
android"
3     xmlns:app="http://schemas.android.com/apk/res-auto"
4     xmlns:tools="http://schemas.android.com/tools"
5     android:layout_width="match_parent"
6     android:layout_height="match_parent"
7     android:orientation="vertical"
8     android:layout_marginHorizontal="12dp"
9     tools:context=".activity.SpinnerActivity">
10 <TextView
11     android:id="@+id/tv_text"
12     android:layout_width="match_parent"
13     android:layout_height="wrap_content"
14     android:text="Teks"
15     android:layout_marginTop="10dp"/>
16 <Spinner
17     android:id="@+id/sp_text"
18     android:layout_width="match_parent"
19     android:layout_height="wrap_content"
20     android:layout_marginVertical="8dp"

```

```

21         android:paddingHorizontal="10dp"
22         android:paddingVertical="20dp"
23         android:background="@drawable/custom_edittext"/>
24     <Button
25         android:id="@+id/btn_savetext"
26         android:layout_width="match_parent"
27         android:layout_height="wrap_content"
28         android:text="Simpan"/>
29 </LinearLayout>

```

```

1 package com.divakrishnam.actspotmahasiswa.activity;
2 import androidx.appcompat.app.AppCompatActivity;
3 import android.app.ProgressDialog;
4 import android.graphics.Color;
5 import android.os.Bundle;
6 import android.util.Log;
7 import android.view.View;
8 import android.view.ViewGroup;
9 import android.widget.ArrayAdapter;
10 import android.widget.Button;
11 import android.widget.Spinner;
12 import android.widget.TextView;
13 import android.widget.Toast;
14 import com.divakrishnam.actspotmahasiswa.R;
15 import com.divakrishnam.actspotmahasiswa.api.APIClient;
16 import com.divakrishnam.actspotmahasiswa.api.APIService;
17 import com.divakrishnam.actspotmahasiswa.model.Login;
18 import com.divakrishnam.actspotmahasiswa.model.ResponseInfo;
19 import com.divakrishnam.actspotmahasiswa.util.SharedPrefManager;
20 import java.util.ArrayList;
21 import java.util.Calendar;
22 import java.util.HashMap;
23 import java.util.List;
24 import retrofit2.Call;
25 import retrofit2.Callback;
26 import retrofit2.Response;
27 public class SpinnerActivity extends AppCompatActivity implements
    View.OnClickListener {
28     public static final String EXTRA_TEXT = "extra_text";
29     private TextView tvText;
30     private Spinner spText;
31     private Button btnSave;
32     private String text;
33     private SharedPrefManager pref;
34     private APIService mApiInterface;
35     @Override
36     protected void onCreate(Bundle savedInstanceState) {
37         super.onCreate(savedInstanceState);
38         setContentView(R.layout.activity_spinner);
39         tvText = findViewById(R.id.tv_text);
40         spText = findViewById(R.id.sp_text);
41         btnSave = findViewById(R.id.btn_savetext);
42         pref = SharedPrefManager.getInstance(getApplicationContext());
43         mApiInterface = APIClient.getClient().create(APIService.class
    );

```

```

44         text = getIntent().getStringExtra(EXTRA_TEXT);
45         if (text != null){
46             if (text.length() == 2){
47                 getSupportActionBar().setTitle("Change Kelas");
48                 tvText.setText("Kelas");
49                 spinnerKelas();
50             }else {
51                 getSupportActionBar().setTitle("Change Angkatan");
52                 tvText.setText("Angkatan");
53                 spinnerAngkatan();
54             }
55         }
56         btnSave.setOnClickListener(this);
57     }
58     @Override
59     public void onClick(View view) {
60         if (view == btnSave){
61             if (text.length() == 2){
62                 saveKelas();
63             }else {
64                 saveAngkatan();
65             }
66         }
67     }
68     private void saveKelas() {
69         final ProgressDialog progressDialog = new ProgressDialog(this);
70         progressDialog.setMessage("Menyimpan data...");
71         progressDialog.setCancelable(false);
72         progressDialog.show();
73         String text = spText.getSelectedItem().toString();
74         String idMahasiswa = pref.getMahasiswaLogin().getIdMahasiswa();
75         if (!text.isEmpty()){
76             Call<ResponseInfo> call = mApiInterface.
mahasiswaUbahKelas(idMahasiswa, text);
77             call.enqueue(new Callback<ResponseInfo>() {
78                 @Override
79                 public void onResponse(Call<ResponseInfo> call,
Response<ResponseInfo> response) {
80                     progressDialog.dismiss();
81                     Toast.makeText(getApplicationContext(), response.
body().getMessage(), Toast.LENGTH_LONG).show();
82                     if(response.body().getStatus().equals("200")) {
83                         Login login = pref.getMahasiswaLogin();
84                         login.setKelasMahasiswa(text);
85                         pref.mahasiswaLogin(login);
86                         finish();
87                     }
88                 }
89             }
90             @Override
91             public void onFailure(Call<ResponseInfo> call,
Throwable t) {
92                 progressDialog.dismiss();
93                 Toast.makeText(getApplicationContext(), "Error :
"+t.getMessage(), Toast.LENGTH_LONG).show();

```

```

93         }
94     });
95     } else {
96         Toast.makeText(getApplicationContext(), "Field kosong",
97         Toast.LENGTH_SHORT).show();
98         progressDialog.dismiss();
99     }
100 }
101 private void saveAngkatan() {
102     final ProgressDialog progressDialog = new ProgressDialog(this)
103 );
104     progressDialog.setMessage("Menyimpan data...");
105     progressDialog.setCancelable(false);
106     progressDialog.show();
107     String text = spText.getSelectedItem().toString();
108     String idMahasiswa = pref.getMahasiswaLogin().getIdMahasiswa
109 ();
110     if (!text.isEmpty()) {
111         Call<ResponseInfo> call = mApiInterface.
112 mahasiswaUbahAngkatan(idMahasiswa, text);
113         call.enqueue(new Callback<ResponseInfo>() {
114             @Override
115             public void onResponse(Call<ResponseInfo> call,
116             Response<ResponseInfo> response) {
117                 progressDialog.dismiss();
118                 Toast.makeText(getApplicationContext(), response.
119                 body().getMessage(), Toast.LENGTH_LONG).show();
120                 if (response.body().getStatus().equals("200")) {
121                     Login login = pref.getMahasiswaLogin();
122                     login.setAngkatanMahasiswa(text);
123                     pref.mahasiswaLogin(login);
124                     finish();
125                 }
126             }
127         })
128         @Override
129         public void onFailure(Call<ResponseInfo> call,
130         Throwable t) {
131             progressDialog.dismiss();
132             Toast.makeText(getApplicationContext(), "Error :
133             "+t.getMessage(), Toast.LENGTH_LONG).show();
134         }
135     });
136     } else {
137         Toast.makeText(getApplicationContext(), "Field kosong",
138         Toast.LENGTH_SHORT).show();
139         progressDialog.dismiss();
140     }
141 }
142 public void spinnerKelas() {
143     List<String> list = new ArrayList<>();
144     list.add("Pilih Kelas");
145     list.add("4A");
146     list.add("4B");
147     list.add("4C");
148     list.add("3A");
149     list.add("3B");

```



```

140         list.add("3C");
141         ArrayAdapter<String> adapter = new ArrayAdapter<String>(this,
142             android.R.layout.simple_spinner_item, list) {
143             @Override
144             public boolean isEnabled(int position) {
145                 return position != 0;
146             }
147             @Override
148             public View getDropDownView(int position, View
149             convertView, ViewGroup parent) {
150                 View view = super.getDropDownView(position,
151                 convertView, parent);
152                 TextView tv = (TextView) view;
153                 if (position == 0) {
154                     tv.setTextColor(Color.GRAY);
155                 } else {
156                     tv.setTextColor(Color.BLACK);
157                 }
158                 return view;
159             }
160         };
161         adapter.setDropDownViewResource(android.R.layout.
162         simple_spinner_dropdown_item);
163         spText.setAdapter(adapter);
164         if(text != null){
165             spText.setSelection(adapter.getPosition(text));
166         }
167     }
168     public void spinnerAngkatan() {
169         List<String> list = new ArrayList<>();
170         int year = Calendar.getInstance().get(Calendar.YEAR)-3;
171         list.add("Pilih Angkatan");
172         for (int i = 0; i < 6; i++){
173             list.add(String.valueOf(year));
174             year--;
175         }
176         ArrayAdapter<String> adapter = new ArrayAdapter<String>(this,
177             android.R.layout.simple_spinner_item, list) {
178             @Override
179             public boolean isEnabled(int position) {
180                 return position != 0;
181             }
182             @Override
183             public View getDropDownView(int position, View
184             convertView, ViewGroup parent) {
185                 View view = super.getDropDownView(position,
186                 convertView, parent);
187                 TextView tv = (TextView) view;
188                 if (position == 0) {
189                     tv.setTextColor(Color.GRAY);
190                 } else {
191                     tv.setTextColor(Color.BLACK);
192                 }
193                 return view;
194             }
195         };

```

```

189         adapter.setDropDownViewResource(android.R.layout.
simple_spinner_dropdown_item);
190         spText.setAdapter(adapter);
191         if(text != null){
192             spText.setSelection(adapter.getPosition(text));
193         }
194     }
195 }

```

```

1 <?xml version="1.0" encoding="utf-8"?>
2 <LinearLayout xmlns:android="http://schemas.android.com/apk/res/
android"
3     xmlns:app="http://schemas.android.com/apk/res-auto"
4     xmlns:tools="http://schemas.android.com/tools"
5     android:layout_width="match_parent"
6     android:layout_height="match_parent"
7     android:orientation="vertical"
8     android:layout_marginHorizontal="12dp"
9     tools:context=".activity.TextActivity">
10 <TextView
11     android:id="@+id/tv_text"
12     android:layout_width="match_parent"
13     android:layout_height="wrap_content"
14     android:text="Teks"
15     android:layout_marginTop="10dp"/>
16 <EditText
17     android:id="@+id/et_text"
18     android:layout_width="match_parent"
19     android:layout_height="wrap_content"
20     android:layout_marginVertical="8dp"
21     android:paddingHorizontal="10dp"
22     android:paddingVertical="10dp"
23     android:background="@drawable/custom_edittext"/>
24 <Button
25     android:id="@+id/btn_savetext"
26     android:layout_width="match_parent"
27     android:layout_height="wrap_content"
28     android:text="Simpan"/>
29 </LinearLayout>

```

```

1 package com.divakrishnam.actspotmahasiswa.activity;
2 import androidx.appcompat.app.AppCompatActivity;
3 import android.app.ProgressDialog;
4 import android.content.Intent;
5 import android.os.Bundle;
6 import android.view.View;
7 import android.widget.Button;
8 import android.widget.EditText;
9 import android.widget.TextView;
10 import android.widget.Toast;
11 import com.divakrishnam.actspotmahasiswa.R;
12 import com.divakrishnam.actspotmahasiswa.api.APIClient;
13 import com.divakrishnam.actspotmahasiswa.api.APIService;
14 import com.divakrishnam.actspotmahasiswa.model.Login;
15 import com.divakrishnam.actspotmahasiswa.model.ResponseInfo;
16 import com.divakrishnam.actspotmahasiswa.util.SharedPrefManager;

```

```

17 import retrofit2.Call;
18 import retrofit2.Callback;
19 import retrofit2.Response;
20 public class TextActivity extends AppCompatActivity implements View.
    OnClickListener {
21     public static final String EXTRA_USER = "extra_user";
22     public static final String EXTRA_NAMA = "extra_nama";
23     public static final String EXTRA_KONTAK = "extra_kontak";
24     private TextView tvText;
25     private EditText etText;
26     private Button btnSave;
27     private String user, nama, kontak;
28     private SharedPreferences pref;
29     private ApiService mApiInterface;
30     @Override
31     protected void onCreate(Bundle savedInstanceState) {
32         super.onCreate(savedInstanceState);
33         setContentView(R.layout.activity_text);
34         tvText = findViewById(R.id.tv_text);
35         etText = findViewById(R.id.et_text);
36         btnSave = findViewById(R.id.btn_savetext);
37         pref = SharedPreferences.getInstance(getApplicationContext());
38
39         mApiInterface = APIClient.getClient().create(ApiService.class);
40     };
41     user = getIntent().getStringExtra(EXTRA_USER);
42     nama = getIntent().getStringExtra(EXTRA_NAMA);
43     kontak = getIntent().getStringExtra(EXTRA_KONTAK);
44     if (user!=null){
45         getSupportActionBar().setTitle("Change Username");
46         tvText.setText("Username");
47         etText.setText(user);
48         etText.setSelection(user.length());
49     }else if (nama!=null){
50         getSupportActionBar().setTitle("Change Name");
51         tvText.setText("Nama");
52         etText.setText(nama);
53         etText.setSelection(nama.length());
54     }else if (kontak!=null){
55         getSupportActionBar().setTitle("Change Contact");
56         tvText.setText("Kontak");
57         etText.setText(kontak);
58         etText.setSelection(kontak.length());
59     }
60     btnSave.setOnClickListener(this);
61 }
62 @Override
63 public void onClick(View view) {
64     if (view == btnSave){
65         if (user!=null){
66             saveUsername();
67         }else if (nama!=null){
68             saveNama();
69         }else if (kontak!=null){
70             saveKontak();
71         }
72     }
73 }

```

```

70     }
71 }
72 private void saveUsername() {
73     final ProgressDialog progressDialog = new ProgressDialog(this
74 );
75     progressDialog.setMessage("Menyimpan data...");
76     progressDialog.setCancelable(false);
77     progressDialog.show();
78     String text = editText.getText().toString();
79     String idMahasiswa = pref.getMahasiswaLogin().getIdMahasiswa
80 ();
81     if (!text.isEmpty()) {
82         Call<ResponseInfo> call = mApiInterface.
mahasiswaUbahUsername(idMahasiswa, text);
83         call.enqueue(new Callback<ResponseInfo>() {
84             @Override
85             public void onResponse(Call<ResponseInfo> call,
Response<ResponseInfo> response) {
86                 progressDialog.dismiss();
87                 Toast.makeText(getApplicationContext(), response.
body().getMessage(), Toast.LENGTH_LONG).show();
88                 if (response.body().getStatus().equals("200")) {
89                     Login login = pref.getMahasiswaLogin();
90                     login.setUsername(text);
91                     pref.mahasiswaLogin(login);
92                     finish();
93                 }
94             }
95             @Override
96             public void onFailure(Call<ResponseInfo> call,
Throwable t) {
97                 progressDialog.dismiss();
98                 Toast.makeText(getApplicationContext(), "Error :
"+t.getMessage(), Toast.LENGTH_LONG).show();
99             }
100         });
101     } else {
102         Toast.makeText(getApplicationContext(), "Field kosong",
Toast.LENGTH_SHORT).show();
103         progressDialog.dismiss();
104     }
105 }
106 private void saveNama() {
107     final ProgressDialog progressDialog = new ProgressDialog(this
108 );
109     progressDialog.setMessage("Menyimpan data...");
110     progressDialog.setCancelable(false);
111     progressDialog.show();
112     String text = editText.getText().toString();
113     String idMahasiswa = pref.getMahasiswaLogin().getIdMahasiswa
114 ();
115     if (!text.isEmpty()) {
116         Call<ResponseInfo> call = mApiInterface.mahasiswaUbahNama
(idMahasiswa, text);
117         call.enqueue(new Callback<ResponseInfo>() {
118             @Override

```

```

115         public void onResponse(Call<ResponseInfo> call ,
Response<ResponseInfo> response) {
116             progressDialog.dismiss();
117             Toast.makeText(getApplicationContext(), response.
body().getMessage(), Toast.LENGTHLONG).show();
118             if(response.body().getStatus().equals("200")) {
119                 Login login = pref.getMahasiswaLogin();
120                 login.setNamaMahasiswa(text);
121                 pref.mahasiswaLogin(login);
122                 finish();
123             }
124         }
125         @Override
126         public void onFailure(Call<ResponseInfo> call ,
Throwable t) {
127             progressDialog.dismiss();
128             Toast.makeText(getApplicationContext(), "Error :
"+t.getMessage(), Toast.LENGTHLONG).show();
129         }
130     });
131     } else {
132         Toast.makeText(getApplicationContext(), "Field kosong",
Toast.LENGTH.SHORT).show();
133         progressDialog.dismiss();
134     }
135 }
136 private void saveKontak() {
137     final ProgressDialog progressDialog = new ProgressDialog(this
);
138     progressDialog.setMessage("Menyimpan data...");
139     progressDialog.setCancelable(false);
140     progressDialog.show();
141     String text = editText.getText().toString();
142     String idMahasiswa = pref.getMahasiswaLogin().getIdMahasiswa
();
143     if (!text.isEmpty()) {
144         Call<ResponseInfo> call = mApiInterface.
mahasiswaUbahKontak(idMahasiswa, text);
145         call.enqueue(new Callback<ResponseInfo>() {
146             @Override
147             public void onResponse(Call<ResponseInfo> call ,
Response<ResponseInfo> response) {
148                 progressDialog.dismiss();
149                 Toast.makeText(getApplicationContext(), response.
body().getMessage(), Toast.LENGTHLONG).show();
150                 if(response.body().getStatus().equals("200")) {
151                     Login login = pref.getMahasiswaLogin();
152                     login.setKontakMahasiswa(text);
153                     pref.mahasiswaLogin(login);
154                     finish();
155                 }
156             }
157             @Override
158             public void onFailure(Call<ResponseInfo> call ,
Throwable t) {
159                 progressDialog.dismiss();

```

```

160         Toast.makeText(getApplicationContext(), "Error :
        "+t.getMessage(), Toast.LENGTH_LONG).show();
161     }
162     });
163     } else {
164         Toast.makeText(getApplicationContext(), "Field kosong",
        Toast.LENGTH_SHORT).show();
165         progressDialog.dismiss();
166     }
167 }
168 }

```

```

1 <?xml version="1.0" encoding="utf-8"?>
2 <androidx.cardview.widget.CardView xmlns:android="http://schemas.
    android.com/apk/res/android"
3     android:orientation="vertical" android:layout_width="match_parent
    "
4     android:layout_height="wrap_content"
5     android:layout_marginVertical="5dp"
6     android:layout_marginHorizontal="10dp">
7     <LinearLayout
8         android:layout_width="match_parent"
9         android:layout_height="wrap_content"
10        android:orientation="horizontal"
11        android:padding="10dp">
12        <de.hdodenhof.circleimageview.CircleImageView
13            android:id="@+id/iv_progress"
14            android:layout_width="80dp"
15            android:layout_height="80dp"
16            android:src="@drawable/profile"
17            android:layout_gravity="center_vertical"/>
18        <LinearLayout
19            android:layout_width="match_parent"
20            android:layout_height="wrap_content"
21            android:orientation="vertical"
22            android:layout_marginLeft="16dp"
23            android:layout_marginVertical="4dp">
24            <TextView
25                android:layout_width="match_parent"
26                android:layout_height="wrap_content"
27                android:textStyle="bold"
28                android:text="Tanggal & Waktu "/>
29            <TextView
30                android:id="@+id/tv_tgl_waktu"
31                android:layout_width="match_parent"
32                android:layout_height="wrap_content"
33                android:text="Tanggal Waktu"/>
34            <TextView
35                android:layout_width="match_parent"
36                android:layout_height="wrap_content"
37                android:textStyle="bold"
38                android:layout_marginTop="2dp"
39                android:text="Kegiatan "/>
40            <TextView
41                android:id="@+id/tv_kegiatan"
42                android:layout_width="match_parent"

```

```

43         android:layout_height="wrap_content"
44         android:text="Kegiatan" />
45     </LinearLayout>
46 </LinearLayout>
47 </androidx.cardview.widget.CardView>

```

```

1 package com.divakrishnam.actspotmahasiswa.adapter;
2 import android.content.Context;
3 import android.view.LayoutInflater;
4 import android.view.View;
5 import android.view.ViewGroup;
6 import android.widget.ImageView;
7 import android.widget.TextView;
8 import androidx.annotation.NonNull;
9 import androidx.recyclerview.widget.RecyclerView;
10 import com.bumptech.glide.Glide;
11 import com.divakrishnam.actspotmahasiswa.R;
12 import com.divakrishnam.actspotmahasiswa.model.ProgressPerDay;
13 import com.divakrishnam.actspotmahasiswa.util.Url;
14 import java.util.List;
15 public class DetailProgressAdapter extends RecyclerView.Adapter<
    DetailProgressAdapter.DetailProgressViewHolder> {
16     private List<ProgressPerDay> mList;
17     private Context mContext;
18     public DetailProgressAdapter(Context context, List<ProgressPerDay>
19 > list){
20         mContext = context;
21         mList = list;
22     }
23     @NonNull
24     @Override
25     public DetailProgressViewHolder onCreateViewHolder(@NonNull
26 ViewGroup parent, int viewType) {
27         View mView = LayoutInflater.from(parent.getContext()).inflate
28 (R.layout.item_detail_progress, parent, false);
29         DetailProgressViewHolder mViewHolder = new
30 DetailProgressViewHolder(mView);
31         return mViewHolder;
32     }
33     @Override
34     public void onBindViewHolder(@NonNull DetailProgressViewHolder
35 holder, int position) {
36         ProgressPerDay progressPerDay = mList.get(position);
37         holder.tvKegiatan.setText(progressPerDay.getKegiatan());
38         holder.tvTglWaktu.setText(progressPerDay.getTglWaktu());
39         Glide.with(mContext).load(Url.IMAGE_URL+"absensi/"+
40 progressPerDay.getFotoAbsensi()).error(R.drawable.profile).into(
41 holder.ivProgress);
42     }
43     @Override
44     public int getItemCount() {
45         return mList.size();
46     }
47     public class DetailProgressViewHolder extends RecyclerView.
48 ViewHolder {
49         ImageView ivProgress;

```

```

42     TextView tvTglWaktu , tvKegiatan ;
43     public DetailProgressViewHolder (@NonNull View itemView) {
44         super(itemView);
45         ivProgress = itemView.findViewById(R.id.iv_progress);
46         tvTglWaktu = itemView.findViewById(R.id.tv_tgl_waktu);
47         tvKegiatan = itemView.findViewById(R.id.tv_kegiatan);
48     }
49 }
50 }

```

```

1 <?xml version="1.0" encoding="utf-8"?>
2 <androidx.cardview.widget.CardView xmlns:android="http://schemas.
   android.com/apk/res/android"
3     android:orientation="vertical"
4     android:layout_width="match_parent"
5     android:layout_height="wrap_content"
6     android:layout_marginHorizontal="10dp"
7     android:layout_marginVertical="5dp">
8     <LinearLayout
9         android:layout_width="match_parent"
10        android:layout_height="wrap_content"
11        android:orientation="vertical"
12        android:layout_margin="12dp">
13        <TextView
14            android:id="@+id/tv_message"
15            android:layout_width="match_parent"
16            android:layout_height="wrap_content"
17            android:text="Pesanan."/>
18        <TextView
19            android:id="@+id/tv_time"
20            android:layout_width="match_parent"
21            android:layout_height="wrap_content"
22            android:textStyle="bold"
23            android:textSize="12sp"
24            android:layout_marginTop="4dp"
25            android:text="2019-12-12 18:00:00"/>
26    </LinearLayout>
27 </androidx.cardview.widget.CardView>

```

```

1 package com.divakrishnam.actspotmahasiswa.adapter;
2 import android.content.Context;
3 import android.view.LayoutInflater;
4 import android.view.View;
5 import android.view.ViewGroup;
6 import android.widget.TextView;
7 import androidx.annotation.NonNull;
8 import androidx.recyclerview.widget.RecyclerView;
9 import com.divakrishnam.actspotmahasiswa.R;
10 import com.divakrishnam.actspotmahasiswa.model.Notification;
11 import java.util.List;
12 public class NotificationAdapter extends RecyclerView.Adapter<
   NotificationAdapter.NotificationViewHolder> {
13     private List<Notification> mList;
14     private Context mContext;
15     public NotificationAdapter(Context context , List<Notification>
   list){

```



```

16         mContext = context;
17         mList = list;
18     }
19     @NonNull
20     @Override
21     public NotificationViewHolder onCreateViewHolder(@NonNull
22     ViewGroup parent, int viewType) {
23         View mView = LayoutInflater.from(parent.getContext()).inflate
24         (R.layout.item_notification, parent, false);
25         NotificationViewHolder mViewHolder = new
26         NotificationViewHolder(mView);
27         return mViewHolder;
28     }
29     @Override
30     public void onBindViewHolder(@NonNull NotificationViewHolder
31     holder, int position) {
32         final Notification notification = mList.get(position);
33         holder.tvTime.setText(notification.getTglWaktu());
34         holder.tvMessage.setText(notification.getPesan());
35     }
36     @Override
37     public int getItemCount() {
38         return mList.size();
39     }
40 }
41 public class NotificationViewHolder extends RecyclerView.
42 ViewHolder {
43     TextView tvTime, tvMessage;
44     public NotificationViewHolder(@NonNull View itemView) {
45         super(itemView);
46
47         tvTime = itemView.findViewById(R.id.tv_time);
48         tvMessage = itemView.findViewById(R.id.tv_message);
49     }
50 }

```

```

1 <?xml version="1.0" encoding="utf-8"?>
2 <androidx.cardview.widget.CardView xmlns:android="http://schemas.
3     android.com/apk/res/android"
4     android:orientation="vertical" android:layout_width="match_parent
5     "
6     android:layout_height="wrap_content"
7     android:layout_marginVertical="5dp"
8     android:layout_marginHorizontal="10dp">
9     <LinearLayout
10         android:layout_width="match_parent"
11         android:layout_height="wrap_content"
12         android:orientation="vertical">
13         <TextView
14             android:id="@+id/tv_sort"
15             android:layout_width="match_parent"
16             android:layout_height="wrap_content"
17             android:gravity="center"
18             android:paddingVertical="10dp"
19             android:textStyle="bold"
20             android:textSize="18sp"

```

```

19         android:background="@color/colorPrimaryDark"
20         android:textColor="@android:color/white"
21         android:text="Sort"/>
22     <com.github.mikephil.charting.charts.PieChart
23         android:id="@+id/piechart"
24         android:layout_width="match_parent"
25         android:layout_height="180dp"
26         android:layout_gravity="center"
27         android:layout_margin="8dp"/>
28     </LinearLayout>
29 </androidx.cardview.widget.CardView>

```

```

1 package com.divakrishnam.actspotmahasiswa.adapter;
2 import android.app.Activity;
3 import android.content.Context;
4 import android.content.Intent;
5 import android.graphics.Color;
6 import android.view.LayoutInflater;
7 import android.view.View;
8 import android.view.ViewGroup;
9 import android.widget.TextView;
10 import android.widget.Toast;
11 import androidx.annotation.NonNull;
12 import androidx.fragment.app.FragmentActivity;
13 import androidx.fragment.app.FragmentManager;
14 import androidx.recyclerview.widget.RecyclerView;
15 import com.divakrishnam.actspotmahasiswa.R;
16 import com.divakrishnam.actspotmahasiswa.activity.
    DetailProgressActivity;
17 import com.divakrishnam.actspotmahasiswa.activity.LoginActivity;
18 import com.divakrishnam.actspotmahasiswa.model.Progress;
19 import com.github.mikephil.charting.charts.PieChart;
20 import com.github.mikephil.charting.components.Legend;
21 import com.github.mikephil.charting.data.Entry;
22 import com.github.mikephil.charting.data.PieData;
23 import com.github.mikephil.charting.data.PieDataSet;
24 import com.github.mikephil.charting.data.PieEntry;
25 import com.github.mikephil.charting.formatter.PercentFormatter;
26 import com.github.mikephil.charting.utils.ColorTemplate;
27 import java.util.ArrayList;
28 import java.util.List;
29 public class ProgressAdapter extends RecyclerView.Adapter<
    ProgressAdapter.ProgressViewHolder> {
30     private List<Progress> mList;
31     private Context mContext;
32     private ProgressListener mListener;
33     public ProgressAdapter(Context context, List<Progress> list,
        ProgressListener listener) {
34         mContext = context;
35         mList = list;
36         mListener = listener;
37     }
38     @NonNull
39     @Override
40     public ProgressViewHolder onCreateViewHolder(@NonNull ViewGroup
        parent, int viewType) {

```

```

41     View mView = LayoutInflater.from(parent.getContext()).inflate
(R.layout.item_progress, parent, false);
42     ProgressViewHolder mViewHolder = new ProgressViewHolder(mView
);
43     return mViewHolder;
44 }
45 @Override
46 public void onBindViewHolder(@NonNull ProgressViewHolder holder,
int position) {
47     final Progress progress = mList.get(position);
48     holder.tvSort.setText(progress.getSort());
49     int pot = position+1;
50     if (progress.getSort().equals("Hari ke-" + pot)) {
51         holder.tvSort.setOnClickListener(view -> {
52             Intent day = new Intent(mContext,
DetailProgressActivity.class);
53             day.putExtra(DetailProgressActivity.EXTRA_DAY,
progress.getTglWaktu());
54             mContext.startActivity(day);
55         });
56     } else if (progress.getSort().equals("Minggu ke-" + pot)) {
57         holder.tvSort.setOnClickListener(view -> mListener.
onWeekClickProgress());
58     } else if (progress.getSort().equals("Bulan ke-" + pot)) {
59         holder.tvSort.setOnClickListener(view -> mListener.
onMonthClickProgress());
60     }
61     holder.pcProgress.setDrawHoleEnabled(true);
62     holder.pcProgress.setHoleRadius(0);
63     holder.pcProgress.setTransparentCircleRadius(0);
64     holder.pcProgress.setRotationAngle(0);
65     holder.pcProgress.setRotationEnabled(true);
66     PieDataSet pieDataSet = new PieDataSet(getData(progress.
getPersen()), null);
67     pieDataSet.setColors(ColorTemplate.COLORFUL_COLORS);
68     pieDataSet.setSliceSpace(3);
69     pieDataSet.setSelectionShift(5);
70     PieData pieData = new PieData(pieDataSet);
71     pieData.setValueFormatter(new PercentFormatter(holder.
pcProgress));
72     holder.pcProgress.setUsePercentValues(true);
73     pieData.setValueTextSize(12f);
74     pieData.setValueTextColor(Color.WHITE);
75     holder.pcProgress.setDrawSliceText(false);
76     holder.pcProgress.setData(pieData);
77     holder.pcProgress.animateXY(100, 100);
78     holder.pcProgress.invalidate();
79     holder.pcProgress.getDescription().setEnabled(false);
80 }
81 @Override
82 public int getItemCount() {
83     return mList.size();
84 }
85 public class ProgressViewHolder extends RecyclerView.ViewHolder {
86     PieChart pcProgress;
87     TextView tvSort;

```

```

88     public ProgressViewHolder(@NonNull View itemView) {
89         super(itemView);
90         pcProgress = itemView.findViewById(R.id.piechart);
91         tvSort = itemView.findViewById(R.id.tv_sort);
92     }
93 }
94 private ArrayList getData(String persen) {
95     float full = Float.valueOf(persen);
96     float unfull = 100f - Float.valueOf(persen);
97     ArrayList<PieEntry> entries = new ArrayList<>();
98     entries.add(new PieEntry(full, "Terpenuhi"));
99     entries.add(new PieEntry(unfull, "Tidak terpenuhi"));
100    return entries;
101 }
102 public interface ProgressListener {
103     void onMonthClickProgress();
104     void onWeekClickProgress();
105 }
106 }

```

```

1 <androidx.constraintlayout.widget.ConstraintLayout xmlns:android="
2     http://schemas.android.com/apk/res/android"
3     xmlns:app="http://schemas.android.com/apk/res-auto"
4     xmlns:tools="http://schemas.android.com/tools"
5     android:layout_width="match_parent"
6     android:layout_height="match_parent"
7     tools:context=".activity.">
8     <ImageView
9         android:id="@+id/iv_absence"
10        android:layout_width="match_parent"
11        android:layout_height="0dp"
12        android:scaleType="centerCrop"
13        app:layout_constraintBottom_toTopOf="@+id/linearLayout"
14        app:layout_constraintEnd_toEndOf="parent"
15        app:layout_constraintStart_toStartOf="parent"
16        app:layout_constraintTop_toTopOf="parent"
17        android:src="@drawable/profile"/>
18    <LinearLayout
19        android:id="@+id/linearLayout"
20        android:layout_width="match_parent"
21        android:layout_height="0dp"
22        android:background="@android:color/white"
23        android:orientation="vertical"
24        android:layout_marginHorizontal="12dp"
25        app:layout_constraintBottom_toBottomOf="parent"
26        app:layout_constraintEnd_toEndOf="parent"
27        app:layout_constraintStart_toStartOf="parent"
28        app:layout_constraintHeight_percent="0.35">
29        <TextView
30            android:id="@+id/tv_text"
31            android:layout_width="match_parent"
32            android:layout_height="wrap_content"
33            android:text="Kegiatan"
34            android:layout_marginTop="10dp"/>
35        <Spinner
36            android:id="@+id/sp_kegiatan"

```

```

36         android:layout_width="match_parent"
37         android:layout_height="42dp"
38         android:layout_marginVertical="18dp"/>
39     <Button
40         android:id="@+id/btn_absence"
41         android:layout_width="match_parent"
42         android:layout_height="wrap_content"
43         android:text="Absensi"
44         android:textColor="@android:color/white"
45         android:background="@color/colorPrimaryDark"/>
46     </LinearLayout>
47 </androidx.constraintlayout.widget.ConstraintLayout>

```

```

1 package com.divakrishnam.actspotmahasiswa.fragment;
2 import android.app.ProgressDialog;
3 import android.content.Context;
4 import android.content.Intent;
5 import android.content.pm.PackageManager;
6 import android.graphics.Color;
7 import android.location.Location;
8 import android.location.LocationListener;
9 import android.location.LocationManager;
10 import android.net.Uri;
11 import android.os.Bundle;
12 import androidx.annotation.NonNull;
13 import androidx.annotation.Nullable;
14 import androidx.core.content.FileProvider;
15 import androidx.fragment.app.Fragment;
16 import android.os.Environment;
17 import android.provider.MediaStore;
18 import android.telephony.TelephonyManager;
19 import android.util.Log;
20 import android.view.LayoutInflater;
21 import android.view.View;
22 import android.view.ViewGroup;
23 import android.widget.AdapterView;
24 import android.widget.Button;
25 import android.widget.ImageView;
26 import android.widget.Spinner;
27 import android.widget.TextView;
28 import android.widget.Toast;
29 import com.bumptech.glide.Glide;
30 import com.divakrishnam.actspotmahasiswa.R;
31 import com.divakrishnam.actspotmahasiswa.activity.MainActivity;
32 import com.divakrishnam.actspotmahasiswa.api.APIClient;
33 import com.divakrishnam.actspotmahasiswa.api.APIService;
34 import com.divakrishnam.actspotmahasiswa.model.Kegiatan;
35 import com.divakrishnam.actspotmahasiswa.model.ResponseInfo;
36 import com.divakrishnam.actspotmahasiswa.model.ResponseKegiatan;
37 import com.divakrishnam.actspotmahasiswa.util.SharedPreferences;
38 import java.io.File;
39 import java.io.IOException;
40 import java.text.SimpleDateFormat;
41 import java.util.Calendar;
42 import java.util.Date;
43 import java.util.HashMap;

```

```

44 import java.util.List;
45 import java.util.Locale;
46 import id.zelory.compressor.Compressor;
47 import okhttp3.MediaType;
48 import okhttp3.MultipartBody;
49 import okhttp3.RequestBody;
50 import retrofit2.Call;
51 import retrofit2.Callback;
52 import retrofit2.Response;
53 import static android.app.Activity.RESULT_CANCELED;
54 import static android.app.Activity.RESULT_OK;
55 public class AbsenceFragment extends Fragment implements View.
    OnClickListener, LocationListener {
56     private ImageView ivMahasiswa;
57     private Spinner spKegiatan;
58     private Button btnAbsence;
59     private ApiService mApiInterface;
60     private List<Kegiatan> kegiatans;
61     private SharedPreferences pref;
62     private String[] keys;
63     private String[] values;
64     private String latitude = "";
65     private String longitude = "";
66     private LocationManager locationManager;
67     private String imageFilePath = "";
68     private String deviceid = "";
69     private TelephonyManager mTelephonyManager;
70     public static final int REQUEST_IMAGE = 400;
71     public AbsenceFragment() {
72     }
73     @Override
74     public View onCreateView(LayoutInflater inflater, ViewGroup
        container, Bundle savedInstanceState) {
75         ((MainActivity) getActivity()).setActionBarTitle("Absence");
76         return inflater.inflate(R.layout.fragment_absence, container,
            false);
77     }
78     @Override
79     public void onViewCreated(@NonNull View view, @Nullable Bundle
        savedInstanceState) {
80         super.onViewCreated(view, savedInstanceState);
81         ivMahasiswa = view.findViewById(R.id.iv_absence);
82         spKegiatan = view.findViewById(R.id.sp_kegiatan);
83         btnAbsence = view.findViewById(R.id.btn_absence);
84         pref = SharedPreferences.getInstance(getContext());
85         mApiInterface = APIClient.getClient().create(ApiService.class
        );
86         getLocation();
87         getDeviceImei();
88         loadKegiatan();
89         ivMahasiswa.setOnClickListener(this);
90         btnAbsence.setOnClickListener(this);
91     }
92     public void simpanAbsensi(){
93         final ProgressDialog progressDialog = new ProgressDialog(
            getContext());

```

```

94     progressDialog.setMessage("Menyimpan data...");
95     progressDialog.setCancelable(false);
96     progressDialog.show();
97     int idKeg = (int) spKegiatan.getSelectedItemId();
98     String idKegiatan = keys[idKeg];
99     String idIntern = pref.getMahasiswaLogin().getIdIntern();
100    String idMahasiswa = pref.getMahasiswaLogin().getIdMahasiswa
101    ();
102    String idDosen = pref.getMahasiswaLogin().getIdDosen();
103    String idPembimbing = pref.getMahasiswaLogin().
104    getIdPembimbing();
105    Calendar calendar = Calendar.getInstance();
106    SimpleDateFormat simpleDateFormat = new SimpleDateFormat("
107    yyyy-MM-dd HH:mm:ss");
108    String time = simpleDateFormat.format(calendar.getTime());
109    File image = new File(imageFilePath);
110    File file = null;
111    try {
112        file = new Compressor(getContext()).compressToFile(image)
113    ;
114    } catch (IOException e) {
115        e.printStackTrace();
116    }
117    if (idIntern != null && idMahasiswa != null && idDosen !=
118    null && !latitude.isEmpty() && !longitude.isEmpty() && !deviceid
119    .isEmpty() && !idKegiatan.isEmpty() && file != null && !time.
120    isEmpty()){
121        RequestBody mIdIntern = RequestBody.create(MediaType.
122        parse("text/plain"), idIntern);
123        RequestBody mIdMahasiswa = RequestBody.create(MediaType.
124        parse("text/plain"), idMahasiswa);
125        RequestBody mIdDosen = RequestBody.create(MediaType.parse
126        ("text/plain"), idDosen);
127        RequestBody mLatitude = RequestBody.create(MediaType.
128        parse("text/plain"), latitude);
129        RequestBody mLongitude = RequestBody.create(MediaType.
130        parse("text/plain"), longitude);
131        RequestBody mImei = RequestBody.create(MediaType.parse("
132        text/plain"), deviceid);
133        RequestBody mIdKegiatan = RequestBody.create(MediaType.
134        parse("text/plain"), idKegiatan);
135        RequestBody mWaktu = RequestBody.create(MediaType.parse("
136        text/plain"), time);
137        RequestBody mIdPembimbing = RequestBody.create(MediaType.
138        parse("text/plain"), idPembimbing);
139        RequestBody requestFile = RequestBody.create(MediaType.
140        parse("multipart/form-data"), file);
141        MultipartBody.Part mFotoAbsensi = MultipartBody.Part.
142        createFormData("foto-absensi", file.getName(), requestFile);
143        Call<ResponseInfo> call = mApiInterface.takeAbsence(
144        mIdIntern, mIdMahasiswa, mIdDosen, mLatitude, mLongitude, mImei,
145        mIdKegiatan, mWaktu, mIdPembimbing, mFotoAbsensi);
146        call.enqueue(new Callback<ResponseInfo>() {
147            @Override
148            public void onResponse(Call<ResponseInfo> call,
149            Response<ResponseInfo> response) {

```

```

129         progressDialog.dismiss();
130         Toast.makeText(getApplicationContext(), response.body().
getMessage(), Toast.LENGTH_LONG).show();
131         Glide.with(getApplicationContext()).load(R.drawable.profile)
.into(ivMahasiswa);
132         spKegiatan.setSelection(0);
133     }
134     @Override
135     public void onFailure(Call<ResponseInfo> call,
Throwable t) {
136         progressDialog.dismiss();
137         Toast.makeText(getApplicationContext(), "Error : "+t.
getMessage(), Toast.LENGTH_LONG).show();
138     }
139     });
140 } else {
141     progressDialog.dismiss();
142     Toast.makeText(getApplicationContext(), "Something empty", Toast.
LENGTH_LONG).show();
143 }
144 }
145 private void getDeviceImei() {
146     try {
147         mTelephonyManager = (TelephonyManager) getApplicationContext().
getSystemService(Context.TELEPHONY_SERVICE);
148         deviceId = mTelephonyManager.getDeviceId();
149     } catch (SecurityException e) {
150         e.printStackTrace();
151     }
152 }
153 public void loadKegiatan() {
154     Call<ResponseKegiatan> call = mApiInterface.getKegiatan();
155     call.enqueue(new Callback<ResponseKegiatan>() {
156         @Override
157         public void onResponse(Call<ResponseKegiatan> call,
Response<ResponseKegiatan> response) {
158             kegiatans = response.body().getData();
159             if (kegiatans != null) {
160                 spinnerKegiatan(kegiatans);
161             }
162         }
163         @Override
164         public void onFailure(Call<ResponseKegiatan> call,
Throwable t) {
165             Toast.makeText(getApplicationContext(), "Error : "+t.getMessage
(), Toast.LENGTH_LONG).show();
166         }
167     });
168 }
169 private void capturePhoto() {
170     Intent pictureIntent = new Intent(MediaStore.
ACTION_IMAGE_CAPTURE);
171     if (pictureIntent.resolveActivity(getPackageManager()) != null) {
172         File photoFile;
173         try {

```



```

174         photoFile = createImageFile();
175
176     } catch (IOException e) {
177         e.printStackTrace();
178         return;
179     }
180     Uri photoUri = FileProvider.getUriForFile(getContext(),
181     getActivity().getPackageName() + ".provider", photoFile);
182     pictureIntent.putExtra(MediaStore.EXTRA_OUTPUT, photoUri)
183 ;
184     startActivityResultForResult(pictureIntent, REQUEST_IMAGE);
185 }
186
187 private File createImageFile() throws IOException {
188     String timeStamp = new SimpleDateFormat("yyyyMMddHHmmss",
189     Locale.getDefault()).format(new Date());
190     String imageFileName = "IMG_" + timeStamp + "_";
191     File storageDir = getActivity().getExternalFilesDir(
192     Environment.DIRECTORY_PICTURES);
193     File image = File.createTempFile(imageFileName, ".jpg",
194     storageDir);
195     imageFilePath = image.getAbsolutePath();
196
197     return image;
198 }
199 private void getLocation() {
200     try {
201         locationManager = (LocationManager) getActivity().
202         getSystemService(Context.LOCATION_SERVICE);
203         locationManager.requestLocationUpdates(LocationManager.
204         NETWORK_PROVIDER, 5000, 5, this);
205     } catch (SecurityException e) {
206         e.printStackTrace();
207     }
208 }
209
210 public void spinnerKegiatan(List<Kegiatan> kegiatans) {
211     int size = kegiatans.size()+1;
212     String[] values = new String[size];
213     keys = new String[size];
214     HashMap<String, String> map;
215     int i = 0;
216     map = new HashMap<>();
217     values[i] = "Pilih Kegiatan";
218     keys[i] = "0";
219     map.put(keys[i], values[i]);
220     i++;
221     for (Kegiatan kegiatan : kegiatans) {
222         values[i] = kegiatan.getNamaKegiatan();
223         keys[i] = kegiatan.getIdKegiatan();
224         map.put(keys[i], values[i]);
225         i++;
226     }
227     ArrayAdapter<String> adapter = new ArrayAdapter<String>(
228     getContext(), android.R.layout.simple_spinner_item, values) {
229         @Override
230         public boolean isEnabled(int position) {

```

```

222         return position != 0;
223     }
224     @Override
225     public View getDropDownView(int position, View
convertView, ViewGroup parent) {
226         View view = super.getDropDownView(position,
convertView, parent);
227         TextView tv = (TextView) view;
228         if (position == 0) {
229             tv.setTextColor(Color.GRAY);
230         } else {
231             tv.setTextColor(Color.BLACK);
232         }
233         return view;
234     }
235 };
236 adapter.setDropDownViewResource(android.R.layout.
simple_spinner_dropdown_item);
237 spKegiatan.setAdapter(adapter);
238 }
239 @Override
240 public void onLocationChanged(Location location) {
241     latitude = String.valueOf(location.getLatitude());
242     longitude = String.valueOf(location.getLongitude());
243 }
244 @Override
245 public void onStatusChanged(String s, int i, Bundle bundle) {
246 }
247 @Override
248 public void onProviderEnabled(String s) {
249 }
250 @Override
251 public void onProviderDisabled(String s) {
252     Toast.makeText(getApplicationContext(), "Please Enable GPS and Internet"
, Toast.LENGTH_SHORT).show();
253 }
254 @Override
255 public void onClick(View view) {
256     if (view == ivMahasiswa){
257         capturePhoto();
258     } else if (view == btnAbsence){
259         simpanAbsensi();
260     }
261 }
262 @Override
263 public void onActivityResult(int requestCode, int resultCode,
Intent data) {
264     super.onActivityResult(requestCode, resultCode, data);
265     if (requestCode == REQUEST_IMAGE) {
266         if (resultCode == RESULT_OK) {
267             Glide.with(this).load(imageFilePath).into(ivMahasiswa
);
268         } else if (resultCode == RESULT_CANCELED) {
269             imageFilePath = "";
270             Toast.makeText(getApplicationContext(), "You cancelled the
operation", Toast.LENGTH_SHORT).show();

```

```

271     }
272 }
273 }
274 }

```

```

1 <RelativeLayout xmlns:android="http://schemas.android.com/apk/res/
  android"
2   xmlns:tools="http://schemas.android.com/tools"
3   android:layout_width="match_parent"
4   android:layout_height="match_parent"
5   tools:context=".fragment.">
6   <ProgressBar
7       android:id="@+id/pb_progress"
8       style="?android:attr/progressBarStyle"
9       android:layout_width="wrap_content"
10      android:layout_height="wrap_content"
11      android:layout_centerHorizontal="true"
12      android:layout_centerVertical="true"
13      android:maxWidth="30dp"
14      android:maxHeight="30dp"
15      android:minWidth="30dp"
16      android:minHeight="30dp"
17      android:visibility="gone" />
18   <TextView
19       android:id="@+id/tv_error"
20       android:layout_width="wrap_content"
21       android:layout_height="wrap_content"
22       android:layout_centerHorizontal="true"
23       android:layout_centerVertical="true"
24       android:text="Gagal memuat data"
25       android:visibility="gone" />
26   <ScrollView
27       android:layout_width="match_parent"
28       android:layout_height="wrap_content"
29       android:layout_centerHorizontal="true">
30       <LinearLayout
31           android:layout_width="match_parent"
32           android:layout_height="wrap_content"
33           android:layout_marginBottom="80dp"
34           android:orientation="vertical">
35           <androidx.recyclerview.widget.RecyclerView
36               android:id="@+id/rv_notification"
37               android:layout_width="match_parent"
38               android:layout_height="match_parent"
39               android:scrollbars="vertical" />
40       </LinearLayout>
41   </ScrollView>
42 </RelativeLayout>

```

```

1 package com.divakrishnam.actspotmahasiswa.fragment;
2 import android.os.Bundle;
3 import androidx.annotation.NonNull;
4 import androidx.annotation.Nullable;
5 import androidx.fragment.app.Fragment;
6 import androidx.recyclerview.widget.LinearLayoutManager;
7 import androidx.recyclerview.widget.RecyclerView;

```

```

8 import android.view.LayoutInflater;
9 import android.view.View;
10 import android.view.ViewGroup;
11 import android.widget.ProgressBar;
12 import android.widget.TextView;
13 import com.divakrishnam.actspotmahasiswa.R;
14 import com.divakrishnam.actspotmahasiswa.activity.MainActivity;
15 import com.divakrishnam.actspotmahasiswa.adapter.NotificationAdapter;
16 import com.divakrishnam.actspotmahasiswa.api.APIClient;
17 import com.divakrishnam.actspotmahasiswa.api.APIService;
18 import com.divakrishnam.actspotmahasiswa.model.ResponseNotification;
19 import com.divakrishnam.actspotmahasiswa.util.SharedPreferences;
20 import retrofit2.Call;
21 import retrofit2.Callback;
22 import retrofit2.Response;
23 public class NotificationFragment extends Fragment {
24     private RecyclerView rvNotification;
25     private APIService mApiInterface;
26     private SharedPreferences pref;
27     private ProgressBar pbProgress;
28     private TextView tvError;
29     public NotificationFragment() {
30     }
31     @Override
32     public View onCreateView(LayoutInflater inflater, ViewGroup
33     container, Bundle savedInstanceState) {
34         ((MainActivity) getActivity()).setActionBarTitle("
35         Notification");
36         return inflater.inflate(R.layout.fragment_notification,
37         container, false);
38     }
39     @Override
40     public void onViewCreated(@NonNull View view, @Nullable Bundle
41     savedInstanceState) {
42         super.onViewCreated(view, savedInstanceState);
43         pbProgress = view.findViewById(R.id.pb_progress);
44         rvNotification = view.findViewById(R.id.rv_notification);
45         tvError = view.findViewById(R.id.tv_error);
46         pref = SharedPreferences.getInstance(getContext());
47         mApiInterface = APIClient.getClient().create(APIService.class
48         );
49         showNotification();
50     }
51     private void showNotification() {
52         showLoading(true);
53         String idMahasiswa = pref.getMahasiswaLogin().getIdMahasiswa
54         ();
55         String idIntern = pref.getMahasiswaLogin().getIdIntern();
56         rvNotification.setLayoutManager(new LinearLayoutManager(
57         getContext()));
58         Call<ResponseNotification> call = mApiInterface.
59         notificationMahasiswa(idIntern, idMahasiswa);
60         call.enqueue(new Callback<ResponseNotification>() {
61             @Override
62             public void onResponse(Call<ResponseNotification> call,
63             Response<ResponseNotification> response) {

```

```

55         showLoading( false );
56         if ( response.body().getStatus().equals("200")) {
57             NotificationAdapter notificationAdapter = new
NotificationAdapter( getContext(), response.body().getData());
58             rvNotification.setAdapter( notificationAdapter);
59         } else {
60             showMessage( true , response.body().getMessage());
61         }
62     }
63     @Override
64     public void onFailure( Call<ResponseNotification> call ,
Throwable t ) {
65         showLoading( false );
66         showMessage( true , t.getMessage());
67     }
68 }
69 }
70 private void showLoading( Boolean state ) {
71     if ( state ) {
72         pbProgress.setVisibility( View.VISIBLE);
73     } else {
74         pbProgress.setVisibility( View.GONE);
75     }
76 }
77 private void showMessage( Boolean state , String message ) {
78     if ( state ) {
79         tvError.setText( message);
80         tvError.setVisibility( View.VISIBLE);
81     } else {
82         tvError.setVisibility( View.GONE);
83     }
84 }
85 }

```

```

1 <?xml version="1.0" encoding="utf-8"?>
2 <LinearLayout xmlns:android="http://schemas.android.com/apk/res /
android"
3     xmlns:tools="http://schemas.android.com/tools"
4     android:layout_width="match_parent"
5     android:layout_height="wrap_content"
6     android:orientation="vertical"
7     tools:context=".fragment.ProfileFragment">
8     <LinearLayout
9         android:layout_width="match_parent"
10        android:layout_height="wrap_content"
11        android:orientation="horizontal"
12        android:layout_marginHorizontal="10dp"
13        android:layout_marginVertical="30dp">
14        <de.hdodenhof.circleimageview.CircleImageView
15            android:id="@+id/img_profile"
16            android:layout_width="120dp"
17            android:layout_height="120dp"
18            android:src="@drawable/profile"/>
19        <TextView
20            android:id="@+id/tv_nama"
21            android:layout_width="match_parent"

```

```

22         android:layout_height="120dp"
23         android:text="Kadek Diva Krishna Murti"
24         android:textStyle="bold"
25         android:textSize="18sp"
26         android:layout_marginLeft="15dp"
27         android:gravity="center_vertical" />
28     </LinearLayout>
29     <LinearLayout
30         android:layout_width="match_parent"
31         android:layout_height="wrap_content"
32         android:orientation="vertical"
33         android:layout_marginLeft="14dp">
34         <View
35             android:layout_width="match_parent"
36             android:layout_height="0.2dp"
37             android:background="#c0c0c0" />
38         <TextView
39             android:id="@+id / tv_profile "
40             android:layout_width="match_parent"
41             android:layout_height="wrap_content"
42             android:text="Ubah Profile "
43             android:paddingVertical="18dp" />
44         <View
45             android:layout_width="match_parent"
46             android:layout_height="0.2dp"
47             android:background="#c0c0c0" />
48         <TextView
49             android:id="@+id / tv_password "
50             android:layout_width="match_parent"
51             android:layout_height="wrap_content"
52             android:text="Ubah Password "
53             android:paddingVertical="18dp" />
54         <View
55             android:layout_width="match_parent"
56             android:layout_height="0.2dp"
57             android:background="#c0c0c0" />
58         <TextView
59             android:id="@+id / tv_keluar "
60             android:layout_width="match_parent"
61             android:layout_height="wrap_content"
62             android:text="Keluar "
63             android:paddingVertical="18dp" />
64         <View
65             android:layout_width="match_parent"
66             android:layout_height="0.2dp"
67             android:background="#c0c0c0" />
68     </LinearLayout>
69 </LinearLayout>

```

```

1 package com.divakrishnam.actspotmahasiswa.fragment;
2 import android.content.DialogInterface;
3 import android.content.Intent;
4 import android.os.Bundle;
5 import androidx.annotation.NonNull;
6 import androidx.annotation.Nullable;
7 import androidx.appcompat.app.AlertDialog;

```

```

8 import androidx.fragment.app.Fragment;
9 import android.view.LayoutInflater;
10 import android.view.View;
11 import android.view.ViewGroup;
12 import android.widget.ImageView;
13 import android.widget.LinearLayout;
14 import android.widget.TextView;
15 import android.widget.Toast;
16 import com.bumptech.glide.Glide;
17 import com.divakrishnam.actspotmahasiswa.R;
18 import com.divakrishnam.actspotmahasiswa.activity.LoginActivity;
19 import com.divakrishnam.actspotmahasiswa.activity.MainActivity;
20 import com.divakrishnam.actspotmahasiswa.activity.PasswordActivity;
21 import com.divakrishnam.actspotmahasiswa.activity.ProfileActivity;
22 import com.divakrishnam.actspotmahasiswa.activity.TextActivity;
23 import com.divakrishnam.actspotmahasiswa.util.SharedPreferences;
24 import com.divakrishnam.actspotmahasiswa.util.Url;
25 public class ProfileFragment extends Fragment implements View.
    OnClickListener {
26     private ImageView ivProfile;
27     private TextView tvProfile, tvPassword, tvNama, tvKeluar;
28     private SharedPreferences pref;
29     public ProfileFragment() {
30     }
31     @Override
32     public View onCreateView(LayoutInflater inflater, ViewGroup
        container, Bundle savedInstanceState) {
33         ((MainActivity) getActivity()).setActionBarTitle("My Profile"
        );
34         return inflater.inflate(R.layout.fragment_profile, container,
            false);
35     }
36     @Override
37     public void onViewCreated(@NonNull View view, @Nullable Bundle
        savedInstanceState) {
38         super.onViewCreated(view, savedInstanceState);
39         ivProfile = view.findViewById(R.id.img_profile);
40         tvNama = view.findViewById(R.id.tv_nama);
41         tvProfile = view.findViewById(R.id.tv_profile);
42         tvPassword = view.findViewById(R.id.tv_password);
43         tvKeluar = view.findViewById(R.id.tv_keluar);
44         pref = SharedPreferences.getInstance(getContext());
45         tvNama.setText(pref.getMahasiswaLogin().getNamaMahasiswa());
46         Glide.with(this).load(Url.IMAGE_URL + "mahasiswa/" + pref.
            getMahasiswaLogin().getFotoMahasiswa()).error(R.drawable.profile)
            .into(ivProfile);
47         tvProfile.setOnClickListener(this);
48         tvPassword.setOnClickListener(this);
49         tvKeluar.setOnClickListener(this);
50     }
51     @Override
52     public void onResume() {
53         super.onResume();
54         tvNama.setText(pref.getMahasiswaLogin().getNamaMahasiswa());

```

```

55     Glide.with(this).load(Urls.IMAGE_URL+"mahasiswa/"+pref.
        getMahasiswaLogin().getFotoMahasiswa()).error(R.drawable.profile)
56         .into(ivProfile);
57     }
58     @Override
59     public void onClick(View view) {
60         if (view == tvProfile){
61             Intent intent = new Intent(getApplicationContext(), ProfileActivity.
        class);
62             startActivity(intent);
63         }else if (view == tvPassword){
64             Intent intent = new Intent(getApplicationContext(), PasswordActivity
        .class);
65             startActivity(intent);
66         }else if (view == tvKeluar) {
67             pref.logout();
68             getActivity().finish();
69             startActivity(new Intent(getApplicationContext(), LoginActivity.
        class));
70         }
71     }

```

```

1 <RelativeLayout xmlns:android="http://schemas.android.com/apk/res /
    android"
2     xmlns:tools="http://schemas.android.com/tools"
3     android:layout_width="match_parent"
4     android:layout_height="match_parent"
5     tools:context=".fragment.ProgressFragment">
6     <ProgressBar
7         android:id="@+id/pb_progress"
8         style="?android:attr/progressBarStyle"
9         android:layout_width="wrap_content"
10        android:layout_height="wrap_content"
11        android:layout_centerHorizontal="true"
12        android:layout_centerVertical="true"
13        android:maxWidth="30dp"
14        android:maxHeight="30dp"
15        android:minWidth="30dp"
16        android:minHeight="30dp"
17        android:visibility="gone" />
18     <TextView
19         android:id="@+id/tv_error"
20         android:layout_width="wrap_content"
21         android:layout_height="wrap_content"
22         android:layout_centerHorizontal="true"
23         android:layout_centerVertical="true"
24         android:text="Gagal memuat data"
25         android:visibility="gone" />
26     <ScrollView
27         android:layout_width="match_parent"
28         android:layout_height="wrap_content"
29         android:layout_centerHorizontal="true">
30         <LinearLayout
31             android:layout_width="match_parent"
32             android:layout_height="wrap_content"

```



```

33         android:orientation="vertical"
34         android:paddingBottom="60dp">
35             <androidx.recyclerview.widget.RecyclerView
36                 android:id="@+id/rv_progress"
37                 android:layout_width="match_parent"
38                 android:layout_height="match_parent"
39                 android:scrollbars="vertical" />
40         </LinearLayout>
41     </ScrollView>
42 </RelativeLayout>

```

```

1 package com.divakrishnam.actspotmahasiswa.fragment;
2 import android.app.ActionBar;
3 import android.app.AlertDialog;
4 import android.content.Intent;
5 import android.os.Bundle;
6 import androidx.annotation.NonNull;
7 import androidx.annotation.Nullable;
8 import androidx.fragment.app.Fragment;
9 import androidx.fragment.app.FragmentActivity;
10 import androidx.recyclerview.widget.GridLayoutManager;
11 import androidx.recyclerview.widget.RecyclerView;
12 import android.util.Log;
13 import android.view.LayoutInflater;
14 import android.view.Menu;
15 import android.view.MenuInflater;
16 import android.view.MenuItem;
17 import android.view.View;
18 import android.view.ViewGroup;
19 import android.widget.ProgressBar;
20 import android.widget.TextView;
21 import android.widget.Toast;
22 import com.divakrishnam.actspotmahasiswa.R;
23 import com.divakrishnam.actspotmahasiswa.activity.MainActivity;
24 import com.divakrishnam.actspotmahasiswa.adapter.ProgressAdapter;
25 import com.divakrishnam.actspotmahasiswa.api.APIClient;
26 import com.divakrishnam.actspotmahasiswa.api.APIService;
27 import com.divakrishnam.actspotmahasiswa.model.Progress;
28 import com.divakrishnam.actspotmahasiswa.model.ResponseProgress;
29 import com.divakrishnam.actspotmahasiswa.util.SharedPrefManager;
30 import java.util.List;
31 import retrofit2.Call;
32 import retrofit2.Callback;
33 import retrofit2.Response;
34 public class ProgressFragment extends Fragment implements
    ProgressAdapter.ProgressListener {
35     private RecyclerView rvProgress;
36     private APIService mApiInterface;
37     private SharedPrefManager pref;
38     private ProgressBar pbProgress;
39     private TextView tvError;
40     public ProgressFragment() {
41     }
42     @Override
43     public View onCreateView(LayoutInflater inflater, ViewGroup
        container, Bundle savedInstanceState) {

```

```

44         setHasOptionsMenu(true);
45         ((MainActivity) getActivity()).setActionBarTitle("My Progress
46     ");
47     return inflater.inflate(R.layout.fragment_progress, container
48     , false);
49 }
50 @Override
51 public void onCreateView(@NonNull View view, @Nullable Bundle
52     savedInstanceState) {
53     super.onViewCreated(view, savedInstanceState);
54     pbProgress = view.findViewById(R.id.pb_progress);
55     rvProgress = view.findViewById(R.id.rv_progress);
56     tvError = view.findViewById(R.id.tv_error);
57     pref = SharedPreferences.getInstance(getApplicationContext());
58     mApiInterface = APIClient.getClient().create(APIService.class
59 );
60 }
61 @Override
62 public void onResume() {
63     super.onResume();
64     if (pref.getSort() == null) {
65         showProgress("bulan");
66         pref.setSort("bulan");
67     } {
68         showProgress(pref.getSort());
69     }
70 }
71 private void showProgress(String sort) {
72     showLoading(true);
73     String idIntern = pref.getRegistrasiPerusahaan().getIdIntern
74 ();
75     String idMahasiswa = pref.getRegistrasiPerusahaan().
76     getIdMahasiswa();
77     rvProgress.setLayoutManager(new GridLayoutManager(getApplicationContext(), 2));
78     Call<ResponseProgress> call = mApiInterface.progressMahasiswa
79     (idIntern, idMahasiswa, sort);
80     call.enqueue(new Callback<ResponseProgress>() {
81         @Override
82         public void onResponse(Call<ResponseProgress> call,
83     Response<ResponseProgress> response) {
84             showLoading(false);
85             if (response.body().getStatus().equals("201") ||
86     response.body().getStatus().equals("202") || response.body().
87     getStatus().equals("203")) {
88                 showProgress(response.body().getData());
89             } else {
90                 showMessage(true, response.body().getMessage());
91             }
92         }
93         @Override
94         public void onFailure(Call<ResponseProgress> call,
95     Throwable t) {
96             showLoading(false);
97             showMessage(true, t.getMessage());
98         }
99     }

```

```

88     });
89 }
90 private void showProgress(List<Progress> data){
91     ProgressAdapter progressAdapter = new ProgressAdapter(
92         getContext(), data, this);
93     rvProgress.setAdapter(progressAdapter);
94 }
95 private void showLoading(Boolean state) {
96     if (state) {
97         pbProgress.setVisibility(View.VISIBLE);
98     } else {
99         pbProgress.setVisibility(View.GONE);
100     }
101 }
102 private void showMessage(Boolean state, String message) {
103     if (state) {
104         tvError.setText(message);
105         tvError.setVisibility(View.VISIBLE);
106     } else {
107         tvError.setVisibility(View.GONE);
108     }
109 }
110 @Override
111 public void onCreateOptionsMenu(@NonNull Menu menu, @NonNull
112     MenuInflater inflater) {
113     inflater.inflate(R.menu.menu_progress, menu);
114     super.onCreateOptionsMenu(menu, inflater);
115 }
116 @Override
117 public boolean onOptionsItemSelected(@NonNull MenuItem menuItem)
118 {
119     if (menuItem.getItemId() == R.id.menu_sort_progress) {
120         sortProgress();
121     }
122     return true;
123 }
124 private void sortProgress() {
125     AlertDialog.Builder builder = new AlertDialog.Builder(
126         getContext());
127     String[] sorts = {"Date", "Week", "Month"};
128     builder.setItems(sorts, (dialog, which) -> {
129         switch (which) {
130             case 0:
131                 showProgress("hari");
132                 pref.setSort("hari");
133                 break;
134             case 1:
135                 showProgress("minggu");
136                 pref.setSort("minggu");
137                 break;
138             case 2:
139                 showProgress("bulan");
140                 pref.setSort("bulan");
141                 break;
142         }
143     });
144 }

```

```

140         AlertDialog dialog = builder.create();
141         dialog.show();
142     }
143     @Override
144     public void onMonthClickProgress() {
145         showProgress("minggu");
146         pref.setSort("minggu");
147     }
148     @Override
149     public void onWeekClickProgress() {
150         showProgress("hari");
151         pref.setSort("hari");
152     }
153 }

```

```

1 <?xml version="1.0" encoding="utf-8"?>
2 <manifest xmlns:android="http://schemas.android.com/apk/res/android"
3     xmlns:dist="http://schemas.android.com/apk/distribution"
4     package="com.divakrishnam.actspotmahasiswa">
5     <uses-feature
6         android:name="android.hardware.camera.any"
7         android:required="true" />
8     <uses-feature
9         android:name="android.hardware.camera.autofocus"
10        android:required="false" />
11     <uses-permission android:name="android.permission.CAMERA" />
12     <dist:module dist:instant="true" />
13     <uses-permission android:name="android.permission.
14         ACCESS_COARSE_LOCATION" />
15     <uses-permission android:name="android.permission.
16         ACCESS_FINE_LOCATION" />
17     <uses-permission android:name="android.permission.INTERNET" />
18     <uses-permission android:name="android.permission.
19         WRITE_EXTERNAL_STORAGE" />
20     <uses-permission android:name="android.permission.
21         READ_EXTERNAL_STORAGE" />
22     <uses-permission android:name="android.permission.
23         READ_PHONE_STATE" />
24     <application
25         android:allowBackup="true"
26         android:icon="@mipmap/ic_launcher"
27         android:label="@string/app_name"
28         android:roundIcon="@mipmap/ic_launcher_round"
29         android:supportRtl="true"
30         android:theme="@style/AppTheme">
31         <activity android:name=".activity.DetailProgressActivity"
32             android:parentActivityName=".activity.MainActivity">
33             <activity android:name=".activity.SpinnerActivity"
34                 android:parentActivityName=".activity.ProfileActivity">
35                 <activity android:name=".activity.NoticeActivity" />
36                 <activity android:name=".activity.TextActivity"
37                     android:parentActivityName=".activity.ProfileActivity">
38                     <activity

```

```

34         android:name=". activity . ProfileActivity"
35         android:parentActivityName=". activity . MainActivity" />
36     <activity android:name=". activity . CompanyActivity" />
37     <activity
38         android:name=". activity . PasswordActivity"
39         android:parentActivityName=". activity . MainActivity" />
40     <activity
41         android:name=". activity . RegisterActivity"
42         android:parentActivityName=". activity . LoginActivity" />
43     <activity android:name=". activity . LoginActivity" />
44     <activity android:name=". activity . MainActivity">
45         <intent-filter>
46             <action android:name="android . intent . action . MAIN" />
47
48             <category android:name="android . intent . category .
49 LAUNCHER" />
50         </intent-filter>
51     </activity>
52     <activity
53         android:name="com . theartofdev . edmodo . cropper .
54 CropImageActivity"
55         android:theme="@style / Base . Theme . AppCompatActivity"/>
56     <provider
57         android:name="com . divakrishnam . actspotmahasiswa . util .
58 MahasiswaFileProvider"
59         android:authorities="${applicationId} . provider"
60         android:exported="false"
61         android:grantUriPermissions="true">
62         <meta-data
63             android:name="android . support . FILE_PROVIDER_PATHS"
64             android:resource="@xml / file_paths" />
65     </provider>
66 </application>
67 </manifest>

```

```

1 // Top-level build file where you can add configuration options
2   common to all sub-projects/modules.
3
4 buildscript {
5     repositories {
6         google()
7         jcenter()
8         maven { url 'https://jitpack.io' }
9     }
10    dependencies {
11        classpath 'com . android . tools . build : gradle : 3.5.2'
12
13        // NOTE: Do not place your application dependencies here;
14        they belong
15        // in the individual module build.gradle files
16    }
17 }
18
19 allprojects {

```

```

19     repositories {
20         google()
21         jcenter()
22         maven { url 'https://jitpack.io' }
23     }
24 }
25 }
26
27 task clean(type: Delete) {
28     delete rootProject.buildDir
29 }

```

```

1  apply plugin: 'com.android.application'
2
3  android {
4      compileSdkVersion 29
5      buildToolsVersion "29.0.2"
6      defaultConfig {
7          applicationId "com.divakrishnam.actspotpembimbinginternal"
8          minSdkVersion 19
9          targetSdkVersion 29
10         versionCode 1
11         versionName "1.0"
12         testInstrumentationRunner "androidx.test.runner.
AndroidJUnitRunner"
13     }
14     buildTypes {
15         release {
16             minifyEnabled false
17             proguardFiles getDefaultProguardFile('proguard-android-
optimize.txt'), 'proguard-rules.pro'
18         }
19     }
20     compileOptions {
21         sourceCompatibility JavaVersion.VERSION_1_8
22         targetCompatibility JavaVersion.VERSION_1_8
23     }
24 }
25
26 dependencies {
27     implementation fileTree(dir: 'libs', include: ['*.jar'])
28     implementation 'androidx.appcompat:appcompat:1.1.0'
29     implementation 'androidx.constraintlayout:constraintlayout:1.1.3'
30     implementation 'me.dm7.barcodescanner:zxing:1.9.8'
31     implementation 'androidx.legacy:legacy-support-v4:1.0.0'
32     implementation 'androidx.recyclerview:recyclerview:1.1.0'
33     implementation 'androidx.cardview:cardview:1.0.0'
34     implementation 'com.squareup.picasso:picasso:2.71828'
35     implementation 'de.hdodenhof:circleimageview:3.0.1'
36     implementation 'com.google.android.material:material:1.2.0-
alpha02'
37     implementation 'com.jakewharton:butterknife:8.4.0'
38     annotationProcessor 'com.jakewharton:butterknife-compiler:8.4.0'
39     implementation 'com.squareup.retrofit2:retrofit:2.4.0'
40     implementation 'com.squareup.retrofit2:converter-gson:2.4.0'
41     implementation 'id.zelory:compressor:2.1.0'

```

```

42 implementation 'com.github.bumptech.glide:glide:4.10.0'
43 annotationProcessor 'com.github.bumptech.glide:compiler:4.10.0'
44 implementation 'com.google.android.gms:play-services-maps:17.0.0'
45 implementation 'com.github.PhilJay:MPAndroidChart:v3.1.0'
46 implementation 'com.theartofdev.edmodo:android-image-cropper
:2.8.0'
47 implementation 'com.github.jkwiecien:EasyImage:1.3.1'
48 testImplementation 'junit:junit:4.12'
49 androidTestImplementation 'androidx.test.ext:junit:1.1.1'
50 androidTestImplementation 'androidx.test.espresso:espresso-core
:3.2.0'
51 }

```

```

1 package com.divakrishnam.actspotpembimbinginternal.model;
2
3 import com.google.gson.annotations.SerializedName;
4
5 public class Login {
6     @SerializedName("username")
7     private String username;
8     @SerializedName("password")
9     private String password;
10    @SerializedName("id_dosen")
11    private String idDosen;
12    @SerializedName("nama_dosen")
13    private String namaDosen;
14    @SerializedName("foto_dosen")
15    private String fotoDosen;
16    // @SerializedName("id_intern")
17    // private String idIntern;
18    @SerializedName("nama_prodi")
19    private String namaProdi;
20    @SerializedName("kontak_dosen")
21    private String kontakDosen;
22
23    public Login(String username, String password, String idDosen,
String namaDosen, String fotoDosen, String namaProdi, String
kontakDosen) {
24        this.username = username;
25        this.password = password;
26        this.idDosen = idDosen;
27        this.namaDosen = namaDosen;
28        this.fotoDosen = fotoDosen;
29        this.namaProdi = namaProdi;
30        this.kontakDosen = kontakDosen;
31    }
32
33    public String getUsername() {
34        return username;
35    }
36
37    public String getPassword() {
38        return password;
39    }
40
41    public String getIdDosen() {

```

```

42         return idDosen;
43     }
44
45     public String getNamaDosen() {
46         return namaDosen;
47     }
48
49     public String getFotoDosen() {
50         return fotoDosen;
51     }
52
53     public String getNamaProdi() {
54         return namaProdi;
55     }
56
57     public String getKontakDosen() {
58         return kontakDosen;
59     }
60
61     public void setUsername(String username) {
62         this.username = username;
63     }
64
65     public void setPassword(String password) {
66         this.password = password;
67     }
68
69     public void setIdDosen(String idDosen) {
70         this.idDosen = idDosen;
71     }
72
73     public void setNamaDosen(String namaDosen) {
74         this.namaDosen = namaDosen;
75     }
76
77     public void setFotoDosen(String fotoDosen) {
78         this.fotoDosen = fotoDosen;
79     }
80
81     public void setNamaProdi(String namaProdi) {
82         this.namaProdi = namaProdi;
83     }
84
85     public void setKontakDosen(String kontakDosen) {
86         this.kontakDosen = kontakDosen;
87     }
88 }

```

```

1 package com.divakrishnam.actspotpembimbinginternal.model;
2
3 import android.os.Parcel;
4 import android.os.Parcelable;
5
6 import com.google.gson.annotations.SerializedName;
7
8 public class Mahasiswa implements Parcelable {

```



```

9      @SerializedName("id_intern")
10     private String idIntern;
11     @SerializedName("id_mahasiswa")
12     private String idMahasiswa;
13     @SerializedName("nama_perusahaan")
14     private String namaPerusahaan;
15     @SerializedName("nama_mahasiswa")
16     private String namaMahasiswa;
17     @SerializedName("foto_mahasiswa")
18     private String fotoMahasiswa;
19     @SerializedName("angkatan_mahasiswa")
20     private String angkatanMahasiswa;
21     @SerializedName("foto_perusahaan")
22     private String fotoPerusahaan;
23     @SerializedName("kelas_mahasiswa")
24     private String kelasMahasiswa;
25     @SerializedName("nama_prodi")
26     private String namaProdi;
27     @SerializedName("nama_pembimbing")
28     private String namaPembimbing;
29     @SerializedName("latitude_perusahaan")
30     private String latitudePerusahaan;
31     @SerializedName("longitude_perusahaan")
32     private String longitudePerusahaan;
33     @SerializedName("presentase_internship")
34     private String presentaseInternship;
35
36     public Mahasiswa(String idIntern, String idMahasiswa, String
namaPerusahaan, String namaMahasiswa, String fotoMahasiswa,
String angkatanMahasiswa, String fotoPerusahaan, String
kelasMahasiswa, String namaProdi, String namaPembimbing, String
latitudePerusahaan, String longitudePerusahaan, String
presentaseInternship) {
37         this.idIntern = idIntern;
38         this.idMahasiswa = idMahasiswa;
39         this.namaPerusahaan = namaPerusahaan;
40         this.namaMahasiswa = namaMahasiswa;
41         this.fotoMahasiswa = fotoMahasiswa;
42         this.angkatanMahasiswa = angkatanMahasiswa;
43         this.fotoPerusahaan = fotoPerusahaan;
44         this.kelasMahasiswa = kelasMahasiswa;
45         this.namaProdi = namaProdi;
46         this.namaPembimbing = namaPembimbing;
47         this.latitudePerusahaan = latitudePerusahaan;
48         this.longitudePerusahaan = longitudePerusahaan;
49         this.presentaseInternship = presentaseInternship;
50     }
51
52     public String getIdMahasiswa() {
53         return idMahasiswa;
54     }
55
56     public String getNamaPerusahaan() {
57         return namaPerusahaan;
58     }
59

```

```
60 public String getNamaMahasiswa() {
61     return namaMahasiswa;
62 }
63
64 public String getFotoMahasiswa() {
65     return fotoMahasiswa;
66 }
67
68 public String getAngkatanMahasiswa() {
69     return angkatanMahasiswa;
70 }
71
72 public String getFotoPerusahaan() {
73     return fotoPerusahaan;
74 }
75
76 public String getKelasMahasiswa() {
77     return kelasMahasiswa;
78 }
79
80 public String getNamaProdi() {
81     return namaProdi;
82 }
83
84 public String getNamaPembimbing() {
85     return namaPembimbing;
86 }
87
88 public String getLatitudePerusahaan() {
89     return latitudePerusahaan;
90 }
91
92 public String getLongitudePerusahaan() {
93     return longitudePerusahaan;
94 }
95
96 public String getIdIntern() {
97     return idIntern;
98 }
99
100 public String getPresentaseInternship() {
101     return presentaseInternship;
102 }
103
104 @Override
105 public int describeContents() {
106     return 0;
107 }
108
109 @Override
110 public void writeToParcel(Parcel dest, int flags) {
111     dest.writeString(this.idIntern);
112     dest.writeString(this.idMahasiswa);
113     dest.writeString(this.namaPerusahaan);
114     dest.writeString(this.namaMahasiswa);
115     dest.writeString(this.fotoMahasiswa);
```

```

116         dest.writeString(this.angkatanMahasiswa);
117         dest.writeString(this.fotoPerusahaan);
118         dest.writeString(this.kelasMahasiswa);
119         dest.writeString(this.namaProdi);
120         dest.writeString(this.namaPembimbing);
121         dest.writeString(this.latitudePerusahaan);
122         dest.writeString(this.longitudePerusahaan);
123     }
124
125     protected Mahasiswa(Parcel in) {
126         this.idIntern = in.readString();
127         this.idMahasiswa = in.readString();
128         this.namaPerusahaan = in.readString();
129         this.namaMahasiswa = in.readString();
130         this.fotoMahasiswa = in.readString();
131         this.angkatanMahasiswa = in.readString();
132         this.fotoPerusahaan = in.readString();
133         this.kelasMahasiswa = in.readString();
134         this.namaProdi = in.readString();
135         this.namaPembimbing = in.readString();
136         this.latitudePerusahaan = in.readString();
137         this.longitudePerusahaan = in.readString();
138     }
139
140     public static final Creator<Mahasiswa> CREATOR = new Creator<
Mahasiswa>() {
141         @Override
142         public Mahasiswa createFromParcel(Parcel source) {
143             return new Mahasiswa(source);
144         }
145
146         @Override
147         public Mahasiswa[] newArray(int size) {
148             return new Mahasiswa[size];
149         }
150     };
151 }

```

```

1 package com.divakrishnam.actspotpembimbinginternal.model;
2
3 import com.google.gson.annotations.SerializedName;
4
5 public class Notification {
6     @SerializedName("id_intern")
7     private String idIntern;
8     @SerializedName("pesan")
9     private String pesan;
10    @SerializedName("tgl_waktu")
11    private String tglWaktu;
12
13    public Notification(String idIntern, String pesan, String
tglWaktu) {
14        this.idIntern = idIntern;
15        this.pesan = pesan;
16        this.tglWaktu = tglWaktu;
17    }

```

```
18
19     public String getIdIntern() {
20         return idIntern;
21     }
22
23     public String getPesan() {
24         return pesan;
25     }
26
27     public String getTglWaktu() {
28         return tglWaktu;
29     }
30 }
```

```
1 package com.divakrishnam.actspotpembimbinginternal.model;
2
3 import com.google.gson.annotations.SerializedName;
4
5 public class Progress {
6     @SerializedName("sort")
7     private String sort;
8     @SerializedName("persen")
9     private String persen;
10    @SerializedName("tgl_waktu")
11    private String tglWaktu;
12    @SerializedName("id_mahasiswa")
13    private String idMahasiswa;
14    @SerializedName("id_intern")
15    private String idIntern;
16
17    public Progress(String sort, String persen, String tglWaktu,
18        String idMahasiswa, String idIntern) {
19        this.sort = sort;
20        this.persen = persen;
21        this.tglWaktu = tglWaktu;
22        this.idMahasiswa = idMahasiswa;
23        this.idIntern = idIntern;
24    }
25
26    public String getSort() {
27        return sort;
28    }
29
30    public String getPersen() {
31        return persen;
32    }
33
34    public String getTglWaktu() {
35        return tglWaktu;
36    }
37
38    public String getIdMahasiswa() {
39        return idMahasiswa;
40    }
41
42    public String getIdIntern() {
```

```

42         return idIntern;
43     }
44 }

```

```

1 package com.divakrishnam.actspotpembimbinginternal.model;
2
3 import com.google.gson.annotations.SerializedName;
4
5 public class ProgressPerDay {
6     @SerializedName("id_absensi")
7     private String idAbsensi;
8     @SerializedName("tgl_waktu")
9     private String tglWaktu;
10    @SerializedName("kegiatan")
11    private String kegiatan;
12    @SerializedName("foto_absensi")
13    private String fotoAbsensi;
14    @SerializedName("pergeseran")
15    private String pergeseran;
16
17    public ProgressPerDay(String idAbsensi, String tglWaktu, String
    kegiatan, String fotoAbsensi, String pergeseran) {
18        this.idAbsensi = idAbsensi;
19        this.tglWaktu = tglWaktu;
20        this.kegiatan = kegiatan;
21        this.fotoAbsensi = fotoAbsensi;
22        this.pergeseran = pergeseran;
23    }
24
25    public String getIdAbsensi() {
26        return idAbsensi;
27    }
28
29    public String getTglWaktu() {
30        return tglWaktu;
31    }
32
33    public String getKegiatan() {
34        return kegiatan;
35    }
36
37    public String getFotoAbsensi() {
38        return fotoAbsensi;
39    }
40
41    public String getPergeseran() {
42        return pergeseran;
43    }
44 }

```

```

1 package com.divakrishnam.actspotpembimbinginternal.model;
2
3 import com.google.gson.annotations.SerializedName;
4
5 public class ResponseInfo {
6     @SerializedName("status")

```

```

7     private String status;
8     @SerializedName("message")
9     private String message;
10
11     public ResponseInfo(String status, String message) {
12         this.status = status;
13         this.message = message;
14     }
15
16     public String getStatus() {
17         return status;
18     }
19
20     public String getMessage() {
21         return message;
22     }
23 }

```

```

1 package com.divakrishnam.actspotpembimbinginternal.model;
2
3 import com.google.gson.annotations.SerializedName;
4
5 public class ResponseLogin {
6     @SerializedName("status")
7     private String status;
8     @SerializedName("message")
9     private String message;
10    @SerializedName("data")
11    private Login data;
12
13    public ResponseLogin(String status, String message, Login data) {
14        this.status = status;
15        this.message = message;
16        this.data = data;
17    }
18
19    public String getStatus() {
20        return status;
21    }
22
23    public String getMessage() {
24        return message;
25    }
26
27    public Login getData() {
28        return data;
29    }
30 }

```

```

1 package com.divakrishnam.actspotpembimbinginternal.model;
2
3 import com.google.gson.annotations.SerializedName;
4
5 import java.util.List;
6
7 public class ResponseNotification {

```

```

8     @SerializedName("status")
9     private String status;
10    @SerializedName("message")
11    private String message;
12    @SerializedName("data")
13    private List<Notification> data;
14
15    public ResponseNotification(String status, String message, List<
16    Notification> data) {
17        this.status = status;
18        this.message = message;
19        this.data = data;
20    }
21
22    public String getStatus() {
23        return status;
24    }
25
26    public String getMessage() {
27        return message;
28    }
29
30    public List<Notification> getData() {
31        return data;
32    }
33 }

```

```

1 package com.divakrishnam.actspotpembimbinginternal.model;
2
3 import com.google.gson.annotations.SerializedName;
4
5 import java.util.List;
6
7 public class ResponseProgress {
8     @SerializedName("status")
9     private String status;
10    @SerializedName("message")
11    private String message;
12    @SerializedName("data")
13    private List<Progress> data;
14
15    public ResponseProgress(String status, String message, List<
16    Progress> data) {
17        this.status = status;
18        this.message = message;
19        this.data = data;
20    }
21
22    public String getStatus() {
23        return status;
24    }
25
26    public String getMessage() {
27        return message;
28    }
29 }

```

```

29     public List<Progress> getData() {
30         return data;
31     }
32 }

```

```

1  package com.divakrishnam.actspotpembimbinginternal.model;
2
3  import com.google.gson.annotations.SerializedName;
4
5  import java.util.List;
6
7  public class ResponseProgressPerDay {
8      @SerializedName("status")
9      private String status;
10     @SerializedName("message")
11     private String message;
12     @SerializedName("data")
13     private List<ProgressPerDay> data;
14
15     public ResponseProgressPerDay(String status, String message, List
16     <ProgressPerDay> data) {
17         this.status = status;
18         this.message = message;
19         this.data = data;
20     }
21
22     public String getStatus() {
23         return status;
24     }
25
26     public String getMessage() {
27         return message;
28     }
29
30     public List<ProgressPerDay> getData() {
31         return data;
32     }
33 }

```

```

1  package com.divakrishnam.actspotpembimbinginternal.util;
2
3  import android.content.Context;
4  import android.content.SharedPreferences;
5
6  import com.divakrishnam.actspotpembimbinginternal.model.Login;
7
8  public class SharedPrefManager {
9
10     private SharedPreferences pref;
11     private SharedPreferences.Editor editor;
12     private static SharedPrefManager mInstance;
13     private static Context mContext;
14
15     private static final String SHARED_PREF_NAME = "
16     actspotpembimbinginternal";

```



```

17 private static final String KEY_USERNAME = "keyusername";
18 private static final String KEY_PASSWORD = "keypassword";
19 private static final String KEY_IDDOSEN = "keyid Dosen";
20 private static final String KEY_NAMADOSEN = "keynamadosen";
21 private static final String KEY_FOTODOSEN = "keyfotodosen";
22 private static final String KEY_IDINTERN = "keyidintern";
23 private static final String KEY_NAMAPRODI = "keynamaprodi";
24 private static final String KEY_KONTAKDOSEN = "keykontakdosen";
25
26 private static final String KEY_SORT = "keysort";
27
28 private SharedPreferencesManager(Context context){
29     mContext = context;
30     pref = context.getSharedPreferences(SHARED_PREF_NAME, Context
31     .MODE_PRIVATE);
32     editor = pref.edit();
33 }
34
35 public static synchronized SharedPreferencesManager getInstance(Context
36 context) {
37     if (mInstance == null) {
38         mInstance = new SharedPreferencesManager(context);
39     }
40     return mInstance;
41 }
42
43 public void dosenLogin(Login login){
44     editor.putString(KEY_USERNAME, login.getUsername());
45     editor.putString(KEY_PASSWORD, login.getPassword());
46     editor.putString(KEY_IDDOSEN, login.getIdDosen());
47     editor.putString(KEY_NAMADOSEN, login.getNamaDosen());
48     editor.putString(KEY_FOTODOSEN, login.getFotoDosen());
49     editor.putString(KEY_NAMAPRODI, login.getNamaProdi());
50     editor.putString(KEY_KONTAKDOSEN, login.getKontakDosen());
51     editor.apply();
52 }
53
54 public boolean isLoggedIn(){
55     return pref.getString(KEY_IDDOSEN, null) != null;
56 }
57
58 public Login getDosen(){
59     return new Login(
60         pref.getString(KEY_USERNAME, null),
61         pref.getString(KEY_PASSWORD, null),
62         pref.getString(KEY_IDDOSEN, null),
63         pref.getString(KEY_NAMADOSEN, null),
64         pref.getString(KEY_FOTODOSEN, null),
65         //pref.getString(KEY_IDINTERN, null),
66         pref.getString(KEY_NAMAPRODI, null),
67         pref.getString(KEY_KONTAKDOSEN, null)
68     );
69 }
70
71 public void setSort(String sort){
72     editor.putString(KEY_SORT, sort);

```

```

71         editor.apply();
72     }
73
74     public String getSort(){
75         return pref.getString(KEY_SORT, null);
76     }
77
78     public void logout(){
79         editor.clear();
80         editor.apply();
81     }
82 }

```

```

1 package com.divakrishnam.actspotpembimbinginternal.util;
2
3 public class Urls {
4     public static final String API_URL = "http://actspot.
5     himatifpolpos.my.id/";
6     public static final String IMAGE_URL = "http://actspot.
7     himatifpolpos.my.id/images/";
8 }

```

```

1 package com.divakrishnam.actspotpembimbinginternal.api;
2
3 import com.divakrishnam.actspotpembimbinginternal.util.Urls;
4
5 import retrofit2.Retrofit;
6 import retrofit2.converter.gson.GsonConverterFactory;
7
8 public class APIClient {
9     private static Retrofit retrofit = null;
10
11     public static Retrofit getClient() {
12         if (retrofit==null) {
13             retrofit = new Retrofit.Builder()
14                 .baseUrl(Urls.API_URL)
15                 .addConverterFactory(GsonConverterFactory.create
16                 ())
17                 .build();
18         }
19         return retrofit;
20     }
21 }

```

```

1 package com.divakrishnam.actspotpembimbinginternal.api;
2
3 import com.divakrishnam.actspotpembimbinginternal.model.ResponseInfo;
4 import com.divakrishnam.actspotpembimbinginternal.model.ResponseLogin
5 ;
6 import com.divakrishnam.actspotpembimbinginternal.model.
7 ResponseMahasiswa;
8 import com.divakrishnam.actspotpembimbinginternal.model.
9 ResponseNotification;
10 import com.divakrishnam.actspotpembimbinginternal.model.
11 ResponseProgress;
12 import com.divakrishnam.actspotpembimbinginternal.model.
13 ResponseProgressPerDay;

```

```

9
10 import okhttp3.MultipartBody;
11 import okhttp3.RequestBody;
12 import retrofit2.Call;
13 import retrofit2.http.Field;
14 import retrofit2.http.FormUrlEncoded;
15 import retrofit2.http.Multipart;
16 import retrofit2.http.POST;
17 import retrofit2.http.Part;
18
19 public interface ApiService {
20     @FormUrlEncoded
21     @POST("dosen/dosen_login.php")
22     Call<ResponseLogin> dosenLogin(
23         @Field("username") String username,
24         @Field("password") String password
25     );
26
27     @FormUrlEncoded
28     @POST("dosen/dosen_mahasiswa.php")
29     Call<ResponseMahasiswa> dosenMahasiswa(
30         @Field("id_dosen") String id_dosen
31     );
32
33     @FormUrlEncoded
34     @POST("dosen/dosen_progress.php")
35     Call<ResponseProgress> progressMahasiswa(
36         @Field("id_intern") String idIntern,
37         @Field("id_mahasiswa") String idMahasiswa,
38         @Field("sort") String sort
39     );
40
41     @FormUrlEncoded
42     @POST("dosen/dosen_progress_harian.php")
43     Call<ResponseProgressPerDay> progressPerDayMahasiswa(
44         @Field("id_intern") String idIntern,
45         @Field("id_mahasiswa") String idMahasiswa,
46         @Field("tgl") String tgl
47     );
48
49     @FormUrlEncoded
50     @POST("dosen/dosen_notifikasi.php")
51     Call<ResponseNotification> dosenNotifikasi(
52         @Field("id_dosen") String id_dosen
53     );
54
55     // Ubah
56
57     @FormUrlEncoded
58     @POST("dosen/dosen_ubah.php")
59     Call<ResponseInfo> dosenUbahUsername(
60         @Field("id_dosen") String id_dosen,
61         @Field("username") String username
62     );
63
64     @FormUrlEncoded

```

```

65     @POST("dosen/dosen_ubah.php")
66     Call<ResponseInfo> dosenUbahPassword(
67         @Field("id_dosen") String id_dosen,
68         @Field("password") String password
69     );
70
71     @FormUrlEncoded
72     @POST("dosen/dosen_ubah.php")
73     Call<ResponseInfo> dosenUbahNama(
74         @Field("id_dosen") String id_dosen,
75         @Field("nama") String nama
76     );
77
78     @FormUrlEncoded
79     @POST("dosen/dosen_ubah.php")
80     Call<ResponseInfo> dosenUbahKontak(
81         @Field("id_dosen") String id_dosen,
82         @Field("kontak") String kontak
83     );
84
85     @Multipart
86     @POST("dosen/dosen_ubah.php")
87     Call<ResponseInfo> dosenUbahFoto(
88         @Part("id_dosen") RequestBody id_dosen,
89         @Part MultipartBody.Part foto
90     );
91 }

```

```

1  <?xml version="1.0" encoding="utf-8"?>
2  <shape xmlns:android="http://schemas.android.com/apk/res/android"
3      android:shape="rectangle">
4
5      <solid android:color="#FFFFFF" />
6
7      <stroke
8          android:width="1dp"
9          android:color="#c0c0c0" />
10 </shape>

```

```

1  <?xml version="1.0" encoding="utf-8"?>
2  <selector xmlns:android="http://schemas.android.com/apk/res/android">
3      <item android:color="@color/colorPrimaryDark"
4          android:state_checked="true" />
5      <item android:color="@android:color/darker_gray" />
6  </selector>

```

```

1  <?xml version="1.0" encoding="utf-8"?>
2  <menu xmlns:android="http://schemas.android.com/apk/res/android">
3      <item
4          android:id="@+id/menu_mahasiswa"
5          android:title="Mahasiswa"
6          android:icon="@drawable/ic_group_white" />
7
8      <item
9          android:id="@+id/menu_notifikasi"
10         android:title="Notifikasi"

```

```

11         android:icon="@drawable/ic_notifications_white" />
12
13     <item
14         android:id="@+id/menu_profile"
15         android:title="Profil"
16         android:icon="@drawable/ic_person_white" />
17 </menu>

```

```

1 <?xml version="1.0" encoding="utf-8"?>
2 <menu xmlns:android="http://schemas.android.com/apk/res/android"
3     xmlns:app="http://schemas.android.com/apk/res-auto">
4
5     <item android:id="@+id/menu_sort_progress"
6         android:title="Sort Progress"
7         app:showAsAction="never" />
8
9 </menu>

```

```

1 <RelativeLayout xmlns:android="http://schemas.android.com/apk/res /
2     android"
3     xmlns:tools="http://schemas.android.com/tools"
4     android:layout_width="match_parent"
5     android:layout_height="match_parent"
6     tools:context=".activity.DetailProgressActivity">
7
8     <ProgressBar
9         android:id="@+id/pb_progress"
10        style="?android:attr/progressBarStyle"
11        android:layout_width="wrap_content"
12        android:layout_height="wrap_content"
13        android:layout_centerHorizontal="true"
14        android:layout_centerVertical="true"
15        android:maxWidth="30dp"
16        android:maxHeight="30dp"
17        android:minWidth="30dp"
18        android:minHeight="30dp"
19        android:visibility="gone" />
20
21     <TextView
22         android:id="@+id/tv_error"
23         android:layout_width="wrap_content"
24         android:layout_height="wrap_content"
25         android:layout_centerHorizontal="true"
26         android:layout_centerVertical="true"
27         android:text="Gagal memuat data"
28         android:visibility="gone" />
29
30     <ScrollView
31         android:layout_width="match_parent"
32         android:layout_height="wrap_content"
33         android:layout_centerHorizontal="true">
34
35         <LinearLayout
36             android:layout_width="match_parent"
37             android:layout_height="wrap_content"
38             android:orientation="vertical"

```

```

38         android:paddingBottom="60dp">
39
40         <androidx.recyclerview.widget.RecyclerView
41             android:id="@+id/rv_progress"
42             android:layout_width="match_parent"
43             android:layout_height="match_parent"
44             android:scrollbars="vertical" />
45
46     </LinearLayout>
47
48 </ScrollView>
49
50 </RelativeLayout>

```

```

1 package com.divakrishnam.actspotpembimbinginternal.activity;
2
3 import androidx.appcompat.app.AppCompatActivity;
4 import androidx.recyclerview.widget.LinearLayoutManager;
5 import androidx.recyclerview.widget.RecyclerView;
6
7 import android.os.Bundle;
8 import android.util.Log;
9 import android.view.View;
10 import android.widget.ProgressBar;
11 import android.widget.TextView;
12
13 import com.divakrishnam.actspotpembimbinginternal.R;
14 import com.divakrishnam.actspotpembimbinginternal.adapter.
    DetailProgressAdapter;
15 import com.divakrishnam.actspotpembimbinginternal.api.APIClient;
16 import com.divakrishnam.actspotpembimbinginternal.api.APIService;
17 import com.divakrishnam.actspotpembimbinginternal.model.
    ResponseProgressPerDay;
18 import com.divakrishnam.actspotpembimbinginternal.util.
    SharedPrefManager;
19
20 import retrofit2.Call;
21 import retrofit2.Callback;
22 import retrofit2.Response;
23
24 public class DetailProgressActivity extends AppCompatActivity {
25
26     public static final String EXTRA_DAY = "extra_day";
27     public static final String EXTRA_ID = "extra_id";
28     public static final String EXTRA_INTERN = "extra_intern";
29
30     private RecyclerView rvProgress;
31
32     private APIService mApiInterface;
33     private SharedPrefManager pref;
34
35     private ProgressBar pbProgress;
36     private TextView tvError;
37
38     private String tglWaktu, idMahasiswa, idIntern;
39

```

```

40
41 @Override
42 protected void onCreate(Bundle savedInstanceState) {
43     super.onCreate(savedInstanceState);
44     setContentView(R.layout.activity_detail_progress);
45
46     getSupportActionBar().setTitle("Detail Progress");
47
48     pbProgress = findViewById(R.id.pb_progress);
49     rvProgress = findViewById(R.id.rv_progress);
50     tvError = findViewById(R.id.tv_error);
51
52     pref = SharedPreferences.getInstance(getApplicationContext());
53
54     mApiInterface = APIClient.getClient().create(APIService.class);
55
56     tglWaktu = getIntent().getStringExtra(EXTRA_DAY);
57     idMahasiswa = getIntent().getStringExtra(EXTRA_ID);
58     idIntern = getIntent().getStringExtra(EXTRA_INTERN);
59
60     showDetailProgress();
61 }
62
63 private void showDetailProgress() {
64     showLoading(true);
65
66     rvProgress.setLayoutManager(new LinearLayoutManager(
67         getApplicationContext()));
68
69     Log.d("lali", idIntern+idMahasiswa+tglWaktu);
70
71     Call<ResponseProgressPerDay> call = mApiInterface.
72     progressPerDayMahasiswa(idIntern, idMahasiswa, tglWaktu);
73     call.enqueue(new Callback<ResponseProgressPerDay>() {
74         @Override
75         public void onResponse(Call<ResponseProgressPerDay> call,
76             Response<ResponseProgressPerDay> response) {
77             showLoading(false);
78             if (response.body().getStatus().equals("200")) {
79                 DetailProgressAdapter detailProgressAdapter = new
80                 DetailProgressAdapter(getApplicationContext(), response.body().
81                 getData());
82                 rvProgress.setAdapter(detailProgressAdapter);
83             } else {
84                 showMessage(true, response.body().getMessage());
85             }
86         }
87     });
88
89     @Override
90     public void onFailure(Call<ResponseProgressPerDay> call,
91         Throwable t) {
92         showLoading(false);
93         showMessage(true, t.getMessage());
94     }
95 }

```

```

88     }
89
90     private void showLoading(Boolean state) {
91         if (state) {
92             pbProgress.setVisibility(View.VISIBLE);
93         } else {
94             pbProgress.setVisibility(View.GONE);
95         }
96     }
97
98     private void showMessage(Boolean state, String message) {
99         if (state) {
100             tvError.setText(message);
101             tvError.setVisibility(View.VISIBLE);
102         } else {
103             tvError.setVisibility(View.GONE);
104         }
105     }
106 }

```

```

1 <?xml version="1.0" encoding="utf-8"?>
2 <LinearLayout xmlns:android="http://schemas.android.com/apk/res/
  android"
3     xmlns:tools="http://schemas.android.com/tools"
4     android:layout_width="match_parent"
5     android:layout_height="match_parent"
6     android:orientation="vertical"
7     android:layout_marginHorizontal="12dp"
8     tools:context=".activity.LoginActivity">
9
10     <TextView
11         android:layout_width="match_parent"
12         android:layout_height="wrap_content"
13         android:text="Username"
14         android:layout_marginTop="10dp"/>
15
16     <EditText
17         android:id="@+id/et_username"
18         android:layout_width="match_parent"
19         android:layout_height="wrap_content"
20         android:layout_marginVertical="8dp"
21         android:paddingHorizontal="10dp"
22         android:paddingVertical="10dp"
23         android:background="@drawable/custom_edittext"/>
24
25     <TextView
26         android:layout_width="match_parent"
27         android:layout_height="wrap_content"
28         android:text="Password"
29         android:layout_marginTop="10dp"/>
30
31     <EditText
32         android:id="@+id/et_password"
33         android:layout_width="match_parent"
34         android:layout_height="wrap_content"
35         android:layout_marginVertical="8dp"

```



```

36         android:paddingHorizontal="10dp"
37         android:paddingVertical="10dp"
38         android:inputType="textPassword"
39         android:background="@drawable/custom_edittext"/>
40
41     <Button
42         android:id="@+id/btn_login"
43         android:layout_width="match_parent"
44         android:layout_height="wrap_content"
45         android:text="Login"
46         android:layout_marginVertical="12dp"
47         android:textColor="@android:color/white"
48         android:background="@color/colorPrimaryDark"/>
49
50 </LinearLayout>

```

```

1 package com.divakrishnam.actspotpembimbinginternal.activity;
2
3 import androidx.appcompat.app.AppCompatActivity;
4
5 import android.app.AlertDialog;
6 import android.content.Intent;
7 import android.os.Bundle;
8 import android.view.View;
9 import android.widget.Button;
10 import android.widget.EditText;
11 import android.widget.Toast;
12
13 import com.divakrishnam.actspotpembimbinginternal.R;
14 import com.divakrishnam.actspotpembimbinginternal.api.APIClient;
15 import com.divakrishnam.actspotpembimbinginternal.api.APIService;
16 import com.divakrishnam.actspotpembimbinginternal.model.ResponseLogin
17     ;
18 import com.divakrishnam.actspotpembimbinginternal.util.
19     SharedPrefManager;
20
21 import retrofit2.Call;
22 import retrofit2.Callback;
23 import retrofit2.Response;
24
25 public class LoginActivity extends AppCompatActivity implements View.
26     OnClickListener {
27
28     private EditText etUsername, etPassword;
29     private Button btnLogin;
30
31     private APIService mApiInterface;
32
33     @Override
34     protected void onCreate(Bundle savedInstanceState) {
35         super.onCreate(savedInstanceState);
36         setContentView(R.layout.activity_login);
37
38         getSupportActionBar().setTitle("Login");
39
40         etUsername = findViewById(R.id.et_username);

```

```

38     etPassword = findViewById(R.id.et_password);
39     btnLogin = findViewById(R.id.btn_login);
40     btnLogin.setOnClickListener(this);
41
42     mApiInterface = APIClient.getClient().create(APIService.class
43 );
44 }
45
46 @Override
47 public void onClick(View view) {
48     if (view == btnLogin){
49         mahasiswaLogin();
50     }
51
52     private void mahasiswaLogin() {
53         final ProgressDialog progressDialog = new ProgressDialog(this
54 );
55         progressDialog.setMessage("Log In...");
56         progressDialog.setCancelable(false);
57         progressDialog.show();
58
59         String username = etUsername.getText().toString();
60         String password = etPassword.getText().toString();
61
62         if (!username.isEmpty() && !password.isEmpty()){
63
64             Call<ResponseLogin> call = mApiInterface.dosenLogin(
65 username, password);
66             call.enqueue(new Callback<ResponseLogin>() {
67                 @Override
68                 public void onResponse(Call<ResponseLogin> call,
69 Response<ResponseLogin> response) {
70                     progressDialog.dismiss();
71                     Toast.makeText(getApplicationContext(), response.
72 body().getMessage(), Toast.LENGTH_LONG).show();
73                     if(response.body().getStatus().equals("200")) {
74                         SharedPreferences.getInstance(
75 getApplicationContext()).dosenLogin(response.body().getData());
76                         finish();
77                         startActivity(new Intent(
78 getApplicationContext(), MainActivity.class));
79                     }
80                 }
81             }
82
83             @Override
84             public void onFailure(Call<ResponseLogin> call,
85 Throwable t) {
86                 progressDialog.dismiss();
87                 Toast.makeText(getApplicationContext(), "Error :
88 "+t.getMessage(), Toast.LENGTH_LONG).show();
89             }
90         }
91     } else {
92         progressDialog.dismiss();
93     }

```

```

85         Toast.makeText(getApplicationContext(), "Field tidak
            boleh kosong", Toast.LENGTH_LONG).show();
86     }
87 }
88 }

```

```

1  <?xml version="1.0" encoding="utf-8"?>
2  <RelativeLayout xmlns:android="http://schemas.android.com/apk/res/
    android"
3      xmlns:app="http://schemas.android.com/apk/res-auto"
4      xmlns:tools="http://schemas.android.com/tools"
5      android:layout_width="match_parent"
6      android:layout_height="match_parent"
7      tools:context=".activity.MainActivity">
8
9      <FrameLayout
10         android:id="@+id/fl_container"
11         android:layout_width="match_parent"
12         android:layout_height="match_parent"
13         app:layout_behavior="@string/appbar_scrolling_view_behavior"
14     />
15
16     <com.google.android.material.bottomnavigation.
        BottomNavigationView
17         android:id="@+id/bn_main"
18         android:layout_width="match_parent"
19         android:layout_height="wrap_content"
20         android:layout_alignParentBottom="true"
21         android:background="@android:color/white"
22         app:itemIconTint="@drawable/state_bottom_navigation"
23         app:itemTextColor="@drawable/state_bottom_navigation"
24         app:menu="@menu/menu_bottom_nav"
25         app:labelVisibilityMode="labeled"/>
26 </RelativeLayout>

```

```

1  package com.divakrishnam.actspotpembimbinginternal.activity;
2
3  import androidx.annotation.NonNull;
4  import androidx.appcompat.app.AppCompatActivity;
5  import androidx.core.app.ActivityCompat;
6  import androidx.fragment.app.Fragment;
7
8  import android.content.Context;
9  import android.content.Intent;
10 import android.content.pm.PackageManager;
11 import android.os.Bundle;
12 import android.view.MenuItem;
13 import android.widget.Toast;
14
15 import com.divakrishnam.actspotpembimbinginternal.R;
16 import com.divakrishnam.actspotpembimbinginternal.fragment.
    MahasiswaFragment;
17 import com.divakrishnam.actspotpembimbinginternal.fragment.
    NotificationFragment;
18 import com.divakrishnam.actspotpembimbinginternal.fragment.
    ProfileFragment;

```

```

19 import com.divakrishnam.actspotpembimbinginternal.util.
    SharedPrefManager;
20 import com.google.android.material.bottomnavigation.
    BottomNavigationView;
21
22 public class MainActivity extends AppCompatActivity implements
    BottomNavigationView.OnNavigationItemSelectedListener{
23
24     private static final int PERMISSION_ALL = 100;
25
26     private String[] PERMISSIONS = {
27         android.Manifest.permission.ACCESS_FINE_LOCATION,
28         android.Manifest.permission.WRITE_EXTERNAL_STORAGE,
29         android.Manifest.permission.READ_PHONE_STATE,
30         android.Manifest.permission.CAMERA
31     };
32
33     @Override
34     protected void onCreate(Bundle savedInstanceState) {
35         super.onCreate(savedInstanceState);
36         setContentView(R.layout.activity_main);
37
38         if (!SharedPrefManager.getInstance(this).isLoggedIn()) {
39             finish();
40             startActivity(new Intent(getApplicationContext(),
    LoginActivity.class));
41         } else {
42             if (!hasPermissions(this, PERMISSIONS)) {
43                 ActivityCompat.requestPermissions(this, PERMISSIONS,
    PERMISSION_ALL);
44             }
45         }
46
47         loadFragment(new MahasiswaFragment());
48         BottomNavigationView bottomNavigationView = findViewById(R.id
    .bn_main);
49         bottomNavigationView.setOnNavigationItemSelectedListener(this
    );
50     }
51
52     private boolean loadFragment(Fragment fragment){
53         if (fragment != null) {
54             getSupportFragmentManager().beginTransaction()
55                 .replace(R.id.fl_container, fragment)
56                 .commit();
57             return true;
58         }
59         return false;
60     }
61
62     public void setActionBarTitle(String title) {
63         getSupportActionBar().setTitle(title);
64     }
65
66     @Override
67     public boolean onNavigationItemSelectedListener(@NonNull MenuItem item) {

```

```

68         Fragment fragment = null;
69         switch (item.getItemId()) {
70             case R.id.menu_mahasiswa:
71                 fragment = new MahasiswaWaFragment();
72                 break;
73             case R.id.menu_notification:
74                 fragment = new NotificationFragment();
75                 break;
76             case R.id.menu_profile:
77                 fragment = new ProfileFragment();
78                 break;
79         }
80         return loadFragment(fragment);
81     }
82
83     @Override
84     public void onRequestPermissionsResult(int requestCode, String[]
85         permissions, int[] grantResults) {
86         super.onRequestPermissionsResult(requestCode, permissions,
87             grantResults);
88
89         if (requestCode == PERMISSION.ALL && grantResults.length > 0)
90         {
91             if (grantResults[0] == PackageManager.PERMISSION_GRANTED)
92             {
93                 Toast.makeText(this, "Thanks for granting Permission"
94                     , Toast.LENGTH.SHORT).show();
95             }
96         }
97     }
98
99     public static boolean hasPermissions(Context context, String...
100     permissions) {
101         if (context != null && permissions != null) {
102             for (String permission : permissions) {
103                 if (ActivityCompat.checkSelfPermission(context,
104                     permission) != PackageManager.PERMISSION_GRANTED) {
105                     return false;
106                 }
107             }
108         }
109         return true;
110     }
111 }

```

```

1 <?xml version="1.0" encoding="utf-8"?>
2 <LinearLayout xmlns:android="http://schemas.android.com/apk/res /
3     android"
4     xmlns:app="http://schemas.android.com/apk/res-auto"
5     xmlns:tools="http://schemas.android.com/tools"
6     android:layout_width="match_parent"
7     android:layout_height="match_parent"
8     android:orientation="vertical"
9     android:layout_marginHorizontal="12dp"
10    tools:context=".activity.PasswordActivity">

```

```
11 <TextView
12     android:layout_width="match_parent"
13     android:layout_height="wrap_content"
14     android:text="Sandi Lama"
15     android:layout_marginTop="10dp" />
16
17
18 <EditText
19     android:id="@+id/et_oldpass"
20     android:layout_width="match_parent"
21     android:layout_height="wrap_content"
22     android:layout_marginVertical="8dp"
23     android:paddingHorizontal="10dp"
24     android:paddingVertical="10dp"
25     android:inputType="textPassword"
26     android:background="@drawable/custom_edittext" />
27
28
29 <TextView
30     android:layout_width="match_parent"
31     android:layout_height="wrap_content"
32     android:text="Sandi Baru"
33     android:layout_marginTop="10dp" />
34
35
36 <EditText
37     android:id="@+id/et_newpass"
38     android:layout_width="match_parent"
39     android:layout_height="wrap_content"
40     android:layout_marginVertical="8dp"
41     android:paddingHorizontal="10dp"
42     android:paddingVertical="10dp"
43     android:inputType="textPassword"
44     android:background="@drawable/custom_edittext" />
45
46
47 <TextView
48     android:layout_width="match_parent"
49     android:layout_height="wrap_content"
50     android:text="Konfirmasi Sandi Baru"
51     android:layout_marginTop="10dp" />
52
53
54 <EditText
55     android:id="@+id/et_cnewpass"
56     android:layout_width="match_parent"
57     android:layout_height="wrap_content"
58     android:layout_marginVertical="8dp"
59     android:paddingHorizontal="10dp"
60     android:paddingVertical="10dp"
61     android:inputType="textPassword"
62     android:background="@drawable/custom_edittext" />
63
64
65 <Button
66     android:id="@+id/btn_savepass"
67     android:layout_width="match_parent"
68     android:layout_height="wrap_content"
69     android:text="Simpan"
```

```

67         android:layout_marginVertical="12dp"/>
68
69 </LinearLayout>

```

```

1 package com.divakrishnam.actspotpembimbinginternal.activity;
2
3 import androidx.appcompat.app.AppCompatActivity;
4
5 import android.app.ProgressDialog;
6 import android.os.Bundle;
7 import android.view.View;
8 import android.widget.Button;
9 import android.widget.EditText;
10 import android.widget.Toast;
11
12 import com.divakrishnam.actspotpembimbinginternal.R;
13 import com.divakrishnam.actspotpembimbinginternal.api.APIClient;
14 import com.divakrishnam.actspotpembimbinginternal.api.APIService;
15 import com.divakrishnam.actspotpembimbinginternal.model.ResponseInfo;
16 import com.divakrishnam.actspotpembimbinginternal.util.
    SharedPreferences;
17
18 import retrofit2.Call;
19 import retrofit2.Callback;
20 import retrofit2.Response;
21
22 public class PasswordActivity extends AppCompatActivity implements
    View.OnClickListener {
23
24     private EditText etOldPass, etNewPass, etCNewPass;
25     private Button btnSave;
26
27     private SharedPreferences pref;
28     private APIService mApiInterface;
29
30     @Override
31     protected void onCreate(Bundle savedInstanceState) {
32         super.onCreate(savedInstanceState);
33         setContentView(R.layout.activity_password);
34
35         getSupportActionBar().setTitle("Change Password");
36
37         etOldPass = findViewById(R.id.et_oldpass);
38         etNewPass = findViewById(R.id.et_newpass);
39         etCNewPass = findViewById(R.id.et_cnewpass);
40         btnSave = findViewById(R.id.btn_savepass);
41
42         pref = SharedPreferences.getInstance(getApplicationContext());
43         mApiInterface = APIClient.getClient().create(APIService.class);
44
45         btnSave.setOnClickListener(this);
46
47     }
48

```

```

49  @Override
50  public void onClick(View view) {
51      if (view == btnSave){
52          savePassword();
53      }
54  }
55
56  private void savePassword() {
57      final ProgressDialog progressDialog = new ProgressDialog(this)
58      );
59      progressDialog.setMessage("Menyimpan data...");
60      progressDialog.setCancelable(false);
61      progressDialog.show();
62
63      String oldPass = etOldPass.getText().toString();
64      String newPass = etNewPass.getText().toString();
65      String cNewPass = etCNewPass.getText().toString();
66      String idDosen = pref.getDosen().getIdDosen();
67
68      if (!oldPass.isEmpty() && !newPass.isEmpty() && !cNewPass.
69      isEmpty() && oldPass.equals(pref.getDosen().getPassword()) &&
70      newPass.equals(cNewPass)){
71
72          Call<ResponseInfo> call = mApiInterface.dosenUbahPassword
73          (idDosen, newPass);
74          call.enqueue(new Callback<ResponseInfo>() {
75              @Override
76              public void onResponse(Call<ResponseInfo> call,
77              Response<ResponseInfo> response) {
78                  progressDialog.dismiss();
79                  Toast.makeText(getApplicationContext(), response.
80                  body().getMessage(), Toast.LENGTHLONG).show();
81                  if(response.body().getStatus().equals("200")) {
82                      finish();
83                  }
84              }
85          })
86
87          @Override
88          public void onFailure(Call<ResponseInfo> call,
89          Throwable t) {
90              progressDialog.dismiss();
91              Toast.makeText(getApplicationContext(), "Error :
92              "+t.getMessage(), Toast.LENGTHLONG).show();
93          }
94      });
95      }else {
96          if (!oldPass.isEmpty() && !newPass.isEmpty() && !cNewPass
97          .isEmpty()){
98              if (oldPass.equals(pref.getDosen().getPassword())){
99                  Toast.makeText(getApplicationContext(), "Password
100                  baru tidak sama dengan password lama.", Toast.LENGTH.SHORT).show
101                  ();
102              }else if (newPass.equals(cNewPass)){
103                  Toast.makeText(getApplicationContext(), "Password
104                  tidak sama", Toast.LENGTH.SHORT).show();
105              }
106          }
107      }

```



```

93         } else {
94             Toast.makeText(getApplicationContext(), "Field kosong",
95                 Toast.LENGTH_SHORT).show();
96             progressDialog.dismiss();
97         }
98     }
99 }

```

```

1  <?xml version="1.0" encoding="utf-8"?>
2  <ScrollView xmlns:android="http://schemas.android.com/apk/res/android"
3      xmlns:app="http://schemas.android.com/apk/res-auto"
4      xmlns:tools="http://schemas.android.com/tools"
5      android:layout_width="match_parent"
6      android:layout_height="match_parent"
7      tools:context=".activity.ProfileActivity">
8
9      <LinearLayout
10         android:layout_width="match_parent"
11         android:layout_height="wrap_content"
12         android:orientation="vertical"
13         android:gravity="center_horizontal"
14         android:padding="12dp">
15
16         <androidx.constraintlayout.widget.ConstraintLayout
17             android:layout_width="match_parent"
18             android:layout_height="wrap_content">
19
20             <de.hdodenhof.circleimageview.CircleImageView
21                 android:id="@+id/img_profile"
22                 android:layout_width="180dp"
23                 android:layout_height="180dp"
24                 android:layout_margin="20dp"
25                 android:src="@drawable/profile"
26                 app:layout_constraintBottom_toBottomOf="parent"
27                 app:layout_constraintEnd_toEndOf="parent"
28                 app:layout_constraintStart_toStartOf="parent"
29                 app:layout_constraintTop_toTopOf="parent" />
30
31             <ImageView
32                 android:layout_width="30dp"
33                 android:layout_height="30dp"
34                 android:layout_alignEnd="@+id/img_profile"
35                 android:layout_alignParentEnd="true"
36                 android:layout_marginBottom="16dp"
37                 android:background="@drawable/ic_add_circle_gray"
38                 app:layout_constraintBottom_toBottomOf="parent"
39                 app:layout_constraintEnd_toEndOf="parent"
40                 app:layout_constraintHorizontal_bias="0.655"
41                 app:layout_constraintStart_toStartOf="parent" />
42
43         </androidx.constraintlayout.widget.ConstraintLayout>
44
45         <TextView
46             android:layout_width="match_parent"

```

```
47         android:layout_height="wrap_content"
48         android:text="Nama"
49         android:layout_marginTop="8dp" />
50
51     <LinearLayout
52         android:layout_width="match_parent"
53         android:layout_height="wrap_content"
54         android:orientation="horizontal"
55         android:layout_marginVertical="8dp">
56
57         <TextView
58             android:id="@+id/tv_nama"
59             android:layout_width="match_parent"
60             android:layout_height="wrap_content"
61             android:layout_weight="1"
62             android:text="Kadek Diva Krishna Murti" />
63
64         <TextView
65             android:id="@+id/tv_edit_nama"
66             android:layout_width="match_parent"
67             android:layout_height="wrap_content"
68             android:layout_weight="9"
69             android:text="Ubah"
70             android:textColor="@android:color/darker_gray" />
71     </LinearLayout>
72
73
74
75     <TextView
76         android:layout_width="match_parent"
77         android:layout_height="wrap_content"
78         android:text="Kontak"
79         android:layout_marginTop="8dp" />
80
81     <LinearLayout
82         android:layout_width="match_parent"
83         android:layout_height="wrap_content"
84         android:orientation="horizontal"
85         android:layout_marginVertical="8dp">
86
87         <TextView
88             android:id="@+id/tv_kontak"
89             android:layout_width="match_parent"
90             android:layout_height="wrap_content"
91             android:layout_weight="1"
92             android:text="2017" />
93
94         <TextView
95             android:id="@+id/tv_edit_kontak"
96             android:layout_width="match_parent"
97             android:layout_height="wrap_content"
98             android:layout_weight="9"
99             android:text="Ubah"
100             android:textColor="@android:color/darker_gray" />
101     </LinearLayout>
```

```

103 <TextView
104     android:layout_width="match_parent"
105     android:layout_height="wrap_content"
106     android:text="Program Studi"
107     android:layout_marginTop="8dp"/>
108
109 <LinearLayout
110     android:layout_width="match_parent"
111     android:layout_height="wrap_content"
112     android:orientation="horizontal"
113     android:layout_marginVertical="8dp">
114
115     <TextView
116         android:id="@+id/tv_prodi"
117         android:layout_width="match_parent"
118         android:layout_height="wrap_content"
119         android:layout_weight="1"
120         android:text="D4 Teknik Informatika" />
121
122 </LinearLayout>
123
124
125 <TextView
126     android:layout_width="match_parent"
127     android:layout_height="wrap_content"
128     android:text="Username"
129     android:layout_marginTop="8dp"/>
130
131
132 <LinearLayout
133     android:layout_width="match_parent"
134     android:layout_height="wrap_content"
135     android:orientation="horizontal"
136     android:layout_marginVertical="8dp">
137
138     <TextView
139         android:id="@+id/tv_username"
140         android:layout_width="match_parent"
141         android:layout_height="wrap_content"
142         android:layout_weight="1"
143         android:text="Politeknik Pos Indonesia" />
144
145     <TextView
146         android:id="@+id/tv_edit_username"
147         android:layout_width="match_parent"
148         android:layout_height="wrap_content"
149         android:layout_weight="9"
150         android:text="Ubah"
151         android:textColor="@android:color/darker_gray" />
152 </LinearLayout>
153
154 </LinearLayout>
155 </ScrollView>

```

```

1 package com.divakrishnam.actspotpembimbinginternal.activity;
2

```

```

3 import androidx.appcompat.app.AlertDialog;
4 import androidx.appcompat.app.AppCompatActivity;
5
6 import android.app.ProgressDialog;
7 import android.content.Intent;
8 import android.net.Uri;
9 import android.os.Bundle;
10 import android.view.View;
11 import android.widget.ImageView;
12 import android.widget.TextView;
13 import android.widget.Toast;
14
15 import com.bumptech.glide.Glide;
16 import com.divakrishnam.actspotpembimbinginternal.R;
17 import com.divakrishnam.actspotpembimbinginternal.api.APIClient;
18 import com.divakrishnam.actspotpembimbinginternal.api.APIService;
19 import com.divakrishnam.actspotpembimbinginternal.model.Login;
20 import com.divakrishnam.actspotpembimbinginternal.model.ResponseInfo;
21 import com.divakrishnam.actspotpembimbinginternal.util.
    SharedPrefManager;
22 import com.divakrishnam.actspotpembimbinginternal.util.URLs;
23 import com.theartofdev.edmodo.cropper.CropImage;
24 import com.theartofdev.edmodo.cropper.CropImageView;
25
26 import java.io.File;
27 import java.io.IOException;
28
29 import id.zelory.compressor.Compressor;
30 import okhttp3.MediaType;
31 import okhttp3.MultipartBody;
32 import okhttp3.RequestBody;
33 import pl.aprilapps.easyphotopicker.DefaultCallback;
34 import pl.aprilapps.easyphotopicker.EasyImage;
35 import retrofit2.Call;
36 import retrofit2.Callback;
37 import retrofit2.Response;
38
39 public class ProfileActivity extends AppCompatActivity implements
    View.OnClickListener {
40
41     private ImageView ivProfile;
42     private TextView tvNama, tvEditNama, tvKontak, tvEditKontak,
        tvProdi, tvUsername, tvEditUsername;
43
44     private SharedPrefManager pref;
45     private APIService mApiInterface;
46
47     private static final int REQUEST_IMAGE = 200;
48     private static final int REQUEST_PHOTO = 300;
49
50     @Override
51     protected void onCreate(Bundle savedInstanceState) {
52         super.onCreate(savedInstanceState);
53         setContentView(R.layout.activity_profile);
54
55         ivProfile = findViewById(R.id.img_profile);

```

```

56         tvNama = findViewById(R.id.tv_nama);
57         tvEditNama = findViewById(R.id.tv_edit_nama);
58         tvKontak = findViewById(R.id.tv_kontak);
59         tvEditKontak = findViewById(R.id.tv_edit_kontak);
60         tvProdi = findViewById(R.id.tv_prodi);
61         tvUsername = findViewById(R.id.tv_username);
62         tvEditUsername = findViewById(R.id.tv_edit_username);
63
64         pref = SharedPreferences.getInstance(getApplicationContext());
65
66         mApiInterface = APIClient.getClient().create(APIService.class);
67
68         ivProfile.setOnClickListener(this);
69         tvEditUsername.setOnClickListener(this);
70         tvEditKontak.setOnClickListener(this);
71         tvEditNama.setOnClickListener(this);
72     }
73
74     @Override
75     protected void onResume() {
76         super.onResume();
77         Login dosen = pref.getDosen();
78
79         if (dosen != null){
80             getSupportActionBar().setTitle(dosen.getNamaDosen());
81             tvNama.setText(dosen.getNamaDosen());
82             tvProdi.setText(dosen.getNamaProdi());
83             tvUsername.setText(dosen.getUsername());
84             tvKontak.setText(dosen.getKontakDosen());
85             Glide.with(this).load(Urls.IMAGE_URL+"dosen/"+dosen.
86                 getFotoDosen()).error(R.drawable.profile).into(ivProfile);
87         }
88     }
89
90     @Override
91     public void onClick(View view) {
92         if (view == ivProfile){
93             menuDialog();
94         }else if (view == tvEditKontak){
95             Intent text = new Intent(getApplicationContext(),
96                 TextActivity.class);
97             text.putExtra(TextActivity.EXTRA_KONTAK, pref.getDosen().
98                 getKontakDosen());
99             startActivity(text);
100         }else if (view == tvEditNama){
101             Intent text = new Intent(getApplicationContext(),
102                 TextActivity.class);
103             text.putExtra(TextActivity.EXTRA_NAMA, pref.getDosen().
104                 getNamaDosen());
105             startActivity(text);
106         }else if (view == tvEditUsername){
107             Intent text = new Intent(getApplicationContext(),
108                 TextActivity.class);
109             text.putExtra(TextActivity.EXTRA_USER, pref.getDosen().
110                 getUsername());

```

```

103         startActivity(text);
104     }
105 }
106
107 private void menuDialog() {
108     CharSequence[] menu = {"Camera", "Select Photo"};
109     AlertDialog.Builder dialog = new AlertDialog.Builder(this)
110         //.setTitle("Pilih Aksi")
111         .setItems(menu, (dialogInterface, i) -> {
112             switch (i) {
113                 case 0:
114                     EasyImage.openCamera(this, REQUEST_IMAGE)
115                     ;
116                     break;
117                 case 1:
118                     EasyImage.openChooserWithGallery(this, "
119 Choose Picture", REQUEST_PHOTO);
120                     break;
121             }
122         });
123     dialog.create();
124     dialog.show();
125 }
126
127 @Override
128 public void onActivityResult(int requestCode, int resultCode,
129 Intent data) {
130     super.onActivityResult(requestCode, resultCode, data);
131
132     EasyImage.handleActivityResult(requestCode, resultCode, data,
133 this, new DefaultCallback() {
134         @Override
135         public void onImagePicked(File imageFile, EasyImage.
136 ImageSource source, int type) {
137             CropImage.activity(Uri.fromFile(imageFile))
138                 .setGuidelines(CropImageView.Guidelines.ON)
139                 .setCropShape(CropImageView.CropShape.OVAL)
140                 .setFixAspectRatio(true)
141                 .start(ProfileActivity.this);
142         }
143     }
144
145     @Override
146     public void onImagePickerError(Exception e, EasyImage.
147 ImageSource source, int type) {
148         super.onImagePickerError(e, source, type);
149         Toast.makeText(ProfileActivity.this, e.getMessage(),
150 Toast.LENGTH_SHORT).show();
151     }
152
153     @Override
154     public void onCancel(EasyImage.ImageSource source, int
155 type) {
156         super.onCanceled(source, type);
157     }
158 }
159
160 });
161

```



```

195         login.setFotoDosen(namaFile);
196         pref.dosenLogin(login);
197         recreate();
198     }
199 }
200
201 @Override
202 public void onFailure(Call<ResponseInfo> call,
203     Throwable t) {
204     progressDialog.dismiss();
205     Toast.makeText(getApplicationContext(), "Error :
206     "+t.getMessage(), Toast.LENGTH_LONG).show();
207 }
208 }
209 }
210 }
211 }
212 }

```

```

1 <ScrollView xmlns:android="http://schemas.android.com/apk/res/android"
2     xmlns:app="http://schemas.android.com/apk/res-auto"
3     xmlns:tools="http://schemas.android.com/tools"
4     android:layout_width="match_parent"
5     android:layout_height="match_parent"
6     android:fillViewport="true"
7     tools:context=".activity.ProgressActivity">
8
9     <LinearLayout
10         android:layout_width="match_parent"
11         android:layout_height="wrap_content"
12         android:orientation="vertical">
13
14         <androidx.constraintlayout.widget.ConstraintLayout
15             android:layout_width="match_parent"
16             android:layout_height="200dp">
17
18             <ImageView
19                 android:id="@+id/img_perusahaan"
20                 android:layout_width="match_parent"
21                 android:layout_height="match_parent"
22                 android:scaleType="centerCrop"
23                 android:src="@drawable/ic_launcher_background" />
24
25             <de.hdodenhof.circleimageview.CircleImageView
26                 android:id="@+id/img_mahasiswa"
27                 android:layout_width="120dp"
28                 android:layout_height="120dp"
29                 android:layout_marginBottom="16dp"
30                 android:src="@drawable/profile"
31                 app:layout_constraintBottom_toBottomOf="parent"
32                 app:layout_constraintEnd_toEndOf="parent"
33                 app:layout_constraintStart_toStartOf="parent" />

```



```
34
35     <ImageView
36         android:id="@+id/img_map"
37         android:layout_width="40dp"
38         android:layout_height="40dp"
39         android:layout_marginEnd="8dp"
40         android:layout_marginBottom="8dp"
41         android:src="@drawable/map"
42         app:layout_constraintBottom_toBottomOf="parent"
43         app:layout_constraintEnd_toEndOf="parent" />
44
45 </androidx.constraintlayout.widget.ConstraintLayout>
46
47 <LinearLayout
48     android:layout_width="match_parent"
49     android:layout_height="wrap_content"
50     android:layout_margin="10dp"
51     android:orientation="vertical">
52
53     <TextView
54         android:layout_width="match_parent"
55         android:layout_height="wrap_content"
56         android:layout_marginTop="8dp"
57         android:text="Nama Mahasiswa"
58         android:textStyle="bold" />
59
60     <TextView
61         android:id="@+id/tv_mahasiswa"
62         android:layout_width="match_parent"
63         android:layout_height="wrap_content"
64         android:layout_marginVertical="5dp"
65         android:text="Kadek Diva Krishna Murti" />
66
67     <TextView
68         android:layout_width="match_parent"
69         android:layout_height="wrap_content"
70         android:layout_marginTop="8dp"
71         android:text="Kelas"
72         android:textStyle="bold" />
73
74     <TextView
75         android:id="@+id/tv_kelas"
76         android:layout_width="match_parent"
77         android:layout_height="wrap_content"
78         android:layout_marginVertical="5dp"
79         android:text="Kadek Diva Krishna Murti" />
80
81     <TextView
82         android:layout_width="match_parent"
83         android:layout_height="wrap_content"
84         android:layout_marginTop="8dp"
85         android:text="Program Studi"
86         android:textStyle="bold" />
87
88     <TextView
89         android:id="@+id/tv_prodi"
```

```

90         android:layout_width="match_parent"
91         android:layout_height="wrap_content"
92         android:layout_marginVertical="5dp"
93         android:text="Kadek Diva Krishna Murti" />
94

```

```

95     <TextView

```

```

96         android:layout_width="match_parent"
97         android:layout_height="wrap_content"
98         android:layout_marginTop="8dp"
99         android:text="Angkatan"
100        android:textStyle="bold" />
101

```

```

102     <TextView

```

```

103         android:id="@+id/tv_angkatan"
104         android:layout_width="match_parent"
105         android:layout_height="wrap_content"
106         android:layout_marginVertical="5dp"
107         android:text="Kadek Diva Krishna Murti" />
108

```

```

109     <TextView

```

```

110         android:layout_width="match_parent"
111         android:layout_height="wrap_content"
112         android:layout_marginTop="8dp"
113         android:text="Nama Perusahaan"
114        android:textStyle="bold" />
115

```

```

116     <TextView

```

```

117         android:id="@+id/tv_perusahaan"
118         android:layout_width="match_parent"
119         android:layout_height="wrap_content"
120         android:layout_marginVertical="5dp"
121         android:text="Kadek Diva Krishna Murti" />
122

```

```

123     <TextView

```

```

124         android:layout_width="match_parent"
125         android:layout_height="wrap_content"
126         android:layout_marginTop="8dp"
127         android:text="Pembimbing Perusahaan"
128        android:textStyle="bold" />
129

```

```

130     <TextView

```

```

131         android:id="@+id/tv_pembimbing"
132         android:layout_width="match_parent"
133         android:layout_height="wrap_content"
134         android:layout_marginVertical="5dp"
135         android:text="Kadek Diva Krishna Murti" />
136

```

```

137     <TextView

```

```

138         android:layout_width="match_parent"
139         android:layout_height="wrap_content"
140         android:layout_marginTop="8dp"
141         android:text="Progress"
142        android:textStyle="bold" />
143

```

```

144 </LinearLayout>
145

```

```

146 <RelativeLayout
147     android:layout_width="match_parent"
148     android:layout_height="wrap_content">
149
150     <ProgressBar
151         android:id="@+id/pb_progress"
152         style="?android:attr/progressBarStyle"
153         android:layout_width="wrap_content"
154         android:layout_height="wrap_content"
155         android:layout_centerHorizontal="true"
156         android:layout_centerVertical="true"
157         android:maxWidth="30dp"
158         android:maxHeight="30dp"
159         android:minWidth="30dp"
160         android:minHeight="30dp"
161         android:visibility="gone" />
162
163     <TextView
164         android:id="@+id/tv_error"
165         android:layout_width="wrap_content"
166         android:layout_height="wrap_content"
167         android:layout_centerHorizontal="true"
168         android:layout_centerVertical="true"
169         android:text="Gagal memuat data"
170         android:visibility="gone" />
171
172     <LinearLayout
173         android:layout_width="match_parent"
174         android:layout_height="wrap_content"
175         android:orientation="vertical"
176         android:paddingBottom="10dp">
177
178         <androidx.recyclerview.widget.RecyclerView
179             android:id="@+id/rv_progress"
180             android:layout_width="match_parent"
181             android:layout_height="match_parent"
182             android:scrollbars="vertical" />
183
184     </LinearLayout>
185
186 </RelativeLayout>
187 </LinearLayout>
188 </ScrollView>

```

```

1 package com.divakrishnam.actspotpembimbinginternal.activity;
2
3 import androidx.annotation.NonNull;
4 import androidx.appcompat.app.AppCompatActivity;
5 import androidx.recyclerview.widget.GridLayoutManager;
6 import androidx.recyclerview.widget.RecyclerView;
7
8 import android.app.AlertDialog;
9 import android.content.Intent;
10 import android.net.Uri;
11 import android.os.Bundle;
12 import android.util.Log;

```

```
13 import android.view.Menu;
14 import android.view.MenuInflater;
15 import android.view.MenuItem;
16 import android.view.View;
17 import android.widget.ImageView;
18 import android.widget.ProgressBar;
19 import android.widget.TextView;
20
21 import com.bumptech.glide.Glide;
22 import com.divakrishnam.actspotpembimbinginternal.R;
23 import com.divakrishnam.actspotpembimbinginternal.adapter.
    ProgressAdapter;
24 import com.divakrishnam.actspotpembimbinginternal.api.APIClient;
25 import com.divakrishnam.actspotpembimbinginternal.api.APIService;
26 import com.divakrishnam.actspotpembimbinginternal.model.Mahasiswa;
27 import com.divakrishnam.actspotpembimbinginternal.model.Progress;
28 import com.divakrishnam.actspotpembimbinginternal.model.
    ResponseProgress;
29 import com.divakrishnam.actspotpembimbinginternal.util.
    SharedPreferences;
30 import com.divakrishnam.actspotpembimbinginternal.util.Urls;
31
32 import java.util.List;
33 import java.util.Locale;
34
35 import retrofit2.Call;
36 import retrofit2.Callback;
37 import retrofit2.Response;
38
39 public class ProgressActivity extends AppCompatActivity implements
    ProgressAdapter.ProgressListener, View.OnClickListener {
40
41     public static final String EXTRA_MAHASISWA = "extra_mahasiswa";
42
43     private ImageView ivPerusahaan, ivMahasiswa, ivMap;
44     private TextView tvMahasiswa, tvKelas, tvProdi, tvAngkatan,
        tvPerusahaan, tvPembimbing;
45
46     private RecyclerView rvProgress;
47
48     private APIService mApiInterface;
49     private SharedPreferences pref;
50
51     private ProgressBar pbProgress;
52     private TextView tvError;
53
54     private String idMahasiswa = "";
55     private String idIntern = "";
56
57     private Mahasiswa mahasiswa;
58
59     @Override
60     protected void onCreate(Bundle savedInstanceState) {
61         super.onCreate(savedInstanceState);
62         setContentView(R.layout.activity_progress);
63     }
```

```

64     mahasiswa = getIntent().getParcelableExtra(EXTRA_MAHASISWA);
65
66     ivPerusahaan = findViewById(R.id.img_perusahaan);
67     ivMahasiswa = findViewById(R.id.img_mahasiswa);
68     ivMap = findViewById(R.id.img_map);
69
70     tvMahasiswa = findViewById(R.id.tv_mahasiswa);
71     tvKelas = findViewById(R.id.tv_kelas);
72     tvProdi = findViewById(R.id.tv_prodi);
73     tvAngkatan = findViewById(R.id.tv_angkatan);
74     tvPerusahaan = findViewById(R.id.tv_perusahaan);
75     tvPembimbing = findViewById(R.id.tv_pembimbing);
76     pbProgress = findViewById(R.id.pb_progress);
77     rvProgress = findViewById(R.id.rv_progress);
78
79     tvError = findViewById(R.id.tv_error);
80
81     tvMahasiswa.setText(mahasiswa.getNamaMahasiswa());
82     tvKelas.setText(mahasiswa.getKelasMahasiswa());
83     tvProdi.setText(mahasiswa.getNamaProdi());
84     tvAngkatan.setText(mahasiswa.getAngkatanMahasiswa());
85     tvPerusahaan.setText(mahasiswa.getNamaPerusahaan());
86     tvPembimbing.setText(mahasiswa.getNamaPembimbing());
87
88     Glide.with(this).load(Urls.IMAGE_URL+"mahasiswa/"+mahasiswa.
89     getFotoMahasiswa()).error(R.drawable.profile).into(ivMahasiswa);
90     Glide.with(this).load(Urls.IMAGE_URL+"perusahaan/"+mahasiswa.
91     getFotoPerusahaan()).error(R.drawable.profile).into(ivPerusahaan);
92
93     idMahasiswa = mahasiswa.getIdMahasiswa();
94     idIntern = mahasiswa.getIdIntern();
95
96     pref = SharedPreferences.getInstance(getApplicationContext());
97
98     ;
99     getSupportActionBar().setTitle("Progress "+pref.getDosen().
100     getNamaDosen());
101     mApiInterface = APIClient.getClient().create(APIService.class);
102
103     ivMap.setOnClickListener(this);
104 }
105
106 @Override
107 public void onResume() {
108     super.onResume();
109     if(pref.getSort() == null){
110         showProgress("bulan");
111         pref.setSort("bulan");
112     }
113     showProgress(pref.getSort());
114 }
115
116 private void showProgress(String sort) {

```

```

114         showLoading(true);
115
116         rvProgress.setLayoutManager(new GridLayoutManager(
getApplicationContext(), 2));
117
118         Log.d("lilil", idIntern+idMahasiswa+sort);
119         Call<ResponseProgress> call = mApiInterface.progressMahasiswa
(idIntern, idMahasiswa, sort);
120         call.enqueue(new Callback<ResponseProgress>() {
121             @Override
122             public void onResponse(Call<ResponseProgress> call,
Response<ResponseProgress> response) {
123                 showLoading(false);
124                 if (response.body().getStatus().equals("201") ||
response.body().getStatus().equals("202") || response.body().
getStatus().equals("203")){
125                     showData(response.body().getData());
126                 } else {
127                     showMessage(true, response.body().getMessage());
128                 }
129             }
130
131             @Override
132             public void onFailure(Call<ResponseProgress> call,
Throwable t) {
133                 showLoading(false);
134                 showMessage(true, t.getMessage());
135             }
136         });
137     }
138
139     private void showData(List<Progress> data) {
140         ProgressAdapter progressAdapter = new ProgressAdapter(
getApplicationContext(), data, this);
141         rvProgress.setAdapter(progressAdapter);
142     }
143
144     private void showLoading(Boolean state) {
145         if (state) {
146             pbProgress.setVisibility(View.VISIBLE);
147         } else {
148             pbProgress.setVisibility(View.GONE);
149         }
150     }
151
152     private void showMessage(Boolean state, String message) {
153         if (state) {
154             tvError.setText(message);
155             tvError.setVisibility(View.VISIBLE);
156         } else {
157             tvError.setVisibility(View.GONE);
158         }
159     }
160
161     @Override
162     public boolean onCreateOptionsMenu(Menu menu) {

```

```

163         getMenuInflater().inflate(R.menu.menu_progress, menu);
164         return true;
165     }
166
167     @Override
168     public boolean onOptionsItemSelected(@NonNull MenuItem menuItem)
169     {
170         if (menuItem.getItemId() == R.id.menu_sort_progress) {
171             sortProgress();
172         }
173         return true;
174     }
175
176     private void sortProgress() {
177         AlertDialog.Builder builder = new AlertDialog.Builder(this);
178         String[] sorts = {"Date", "Week", "Month"};
179         builder.setItems(sorts, (dialog, which) -> {
180             switch (which) {
181                 case 0:
182                     showProgress("hari");
183                     pref.setSort("hari");
184                     break;
185                 case 1:
186                     showProgress("minggu");
187                     pref.setSort("minggu");
188                     break;
189                 case 2:
190                     showProgress("bulan");
191                     pref.setSort("bulan");
192                     break;
193             }
194         });
195
196         AlertDialog dialog = builder.create();
197         dialog.show();
198     }
199
200     @Override
201     public void onMonthClickProgress() {
202         showProgress("minggu");
203         pref.setSort("minggu");
204     }
205
206     @Override
207     public void onWeekClickProgress() {
208         showProgress("hari");
209         pref.setSort("hari");
210     }
211
212     @Override
213     public void onClick(View view) {
214         if (view == ivMap) {
215             String uri = String.format(Locale.ENGLISH, "http://maps.
216             google.com/maps?q=loc:%f,%f", Float.valueOf(mahasiswa.
217             getLatitudePerusahaan()), Float.valueOf(mahasiswa.
218             getLongitudePerusahaan()));

```

```

215         Intent intent = new Intent(Intent.ACTION_VIEW, Uri.parse(
            uri));
216         startActivity(intent);
217         Log.d("kiki", mahasiswa.getLatitudePerusahaan());
218     }
219 }
220 }

```

```

1  <?xml version="1.0" encoding="utf-8"?>
2  <LinearLayout xmlns:android="http://schemas.android.com/apk/res /
    android"
3      xmlns:app="http://schemas.android.com/apk/res-auto"
4      xmlns:tools="http://schemas.android.com/tools"
5      android:layout_width="match_parent"
6      android:layout_height="match_parent"
7      android:orientation="vertical"
8      android:layout_marginHorizontal="12dp"
9      tools:context=". activity .TextActivity">
10
11      <TextView
12          android:id="@+id / tv .text"
13          android:layout_width="match_parent"
14          android:layout_height="wrap_content"
15          android:text="Teks"
16          android:layout_marginTop="10dp"/>
17
18      <EditText
19          android:id="@+id / et .text"
20          android:layout_width="match_parent"
21          android:layout_height="wrap_content"
22          android:layout_marginVertical="8dp"
23          android:paddingHorizontal="10dp"
24          android:paddingVertical="10dp"
25          android:background="@drawable/custom_edittext"/>
26
27      <Button
28          android:id="@+id / btn .savetext"
29          android:layout_width="match_parent"
30          android:layout_height="wrap_content"
31          android:text="Simpan"/>
32
33  </LinearLayout>

```

```

1  package com.divakrishnam.actspotpembimbinginternal.activity;
2
3  import androidx.appcompat.app.AppCompatActivity;
4
5  import android.app.AlertDialog;
6  import android.os.Bundle;
7  import android.view.View;
8  import android.widget.Button;
9  import android.widget.EditText;
10 import android.widget.TextView;
11 import android.widget.Toast;
12
13 import com.divakrishnam.actspotpembimbinginternal.R;

```



```
14 import com.divakrishnam.actspotpembimbinginternal.api.APIClient;
15 import com.divakrishnam.actspotpembimbinginternal.api.APIService;
16 import com.divakrishnam.actspotpembimbinginternal.model.Login;
17 import com.divakrishnam.actspotpembimbinginternal.model.ResponseInfo;
18 import com.divakrishnam.actspotpembimbinginternal.util.
    SharedPrefManager;
19
20 import retrofit2.Call;
21 import retrofit2.Callback;
22 import retrofit2.Response;
23
24 public class TextActivity extends AppCompatActivity implements View.
    OnClickListener {
25
26     public static final String EXTRA_USER = "extra_user";
27     public static final String EXTRA_NAMA = "extra_nama";
28     public static final String EXTRA_KONTAK = "extra_kontak";
29
30     private TextView tvText;
31     private EditText etText;
32     private Button btnSave;
33
34     private String user, nama, kontak;
35
36     private SharedPrefManager pref;
37     private APIService mApiInterface;
38
39     @Override
40     protected void onCreate(Bundle savedInstanceState) {
41         super.onCreate(savedInstanceState);
42         setContentView(R.layout.activity_text);
43
44         tvText = findViewById(R.id.tv_text);
45         etText = findViewById(R.id.et_text);
46         btnSave = findViewById(R.id.btn_savetext);
47
48         pref = SharedPrefManager.getInstance(getApplicationContext());
49
50         mApiInterface = APIClient.getClient().create(APIService.class);
51
52         user = getIntent().getStringExtra(EXTRA_USER);
53         nama = getIntent().getStringExtra(EXTRA_NAMA);
54         kontak = getIntent().getStringExtra(EXTRA_KONTAK);
55
56         if (user != null) {
57             getSupportActionBar().setTitle("Change Username");
58             tvText.setText("Username");
59             etText.setText(user);
60             etText.setSelection(user.length());
61         } else if (nama != null) {
62             getSupportActionBar().setTitle("Change Name");
63             tvText.setText("Nama");
64             etText.setText(nama);
65             etText.setSelection(nama.length());
66         } else if (kontak != null) {
```

```

66         getSupportActionBar().setTitle("Change Contact");
67         tvText.setText("Kontak");
68         etText.setText(kontak);
69         etText.setSelection(kontak.length());
70     }
71
72     btnSave.setOnClickListener(this);
73 }
74
75 @Override
76 public void onClick(View view) {
77     if (view == btnSave){
78         if (user!=null){
79             saveUsername();
80         }else if (nama!=null){
81             saveNama();
82         }else if (kontak!=null){
83             saveKontak();
84         }
85     }
86 }
87
88 private void saveUsername(){
89     final ProgressDialog progressDialog = new ProgressDialog(this);
90     progressDialog.setMessage("Menyimpan data...");
91     progressDialog.setCancelable(false);
92     progressDialog.show();
93
94     String text = etText.getText().toString();
95     String idDosen = pref.getDosen().getIdDosen();
96
97     if (!text.isEmpty()){
98
99         Call<ResponseInfo> call = mApiInterface.dosenUbahUsername
100         (idDosen, text);
101         call.enqueue(new Callback<ResponseInfo>() {
102             @Override
103             public void onResponse(Call<ResponseInfo> call,
104             Response<ResponseInfo> response) {
105                 progressDialog.dismiss();
106                 Toast.makeText(getApplicationContext(), response.
107                 body().getMessage(), Toast.LENGTH_LONG).show();
108                 if (response.body().getStatus().equals("200")) {
109                     Login login = pref.getDosen();
110                     login.setUsername(text);
111                     pref.dosenLogin(login);
112                     finish();
113                 }
114             }
115         })
116
117         @Override
118         public void onFailure(Call<ResponseInfo> call,
119         Throwable t) {
120             progressDialog.dismiss();

```

```

116         Toast.makeText(getApplicationContext(), "Error :
117         "+t.getMessage(), Toast.LENGTH_LONG).show();
118     });
119     } else {
120         Toast.makeText(getApplicationContext(), "Field kosong",
121         Toast.LENGTH_SHORT).show();
122         progressDialog.dismiss();
123     }
124 }
125
126 private void saveNama(){
127     final ProgressDialog progressDialog = new ProgressDialog(this
128 );
129     progressDialog.setMessage("Menyimpan data...");
130     progressDialog.setCancelable(false);
131     progressDialog.show();
132
133     String text = etText.getText().toString();
134     String idDosen = pref.getDosen().getIdDosen();
135
136     if (!text.isEmpty()){
137         Call<ResponseInfo> call = mApiInterface.dosenUbahNama(
138         idDosen, text);
139         call.enqueue(new Callback<ResponseInfo>() {
140             @Override
141             public void onResponse(Call<ResponseInfo> call,
142             Response<ResponseInfo> response) {
143                 progressDialog.dismiss();
144                 Toast.makeText(getApplicationContext(), response.
145                 body().getMessage(), Toast.LENGTH_LONG).show();
146                 if (response.body().getStatus().equals("200")) {
147                     Login login = pref.getDosen();
148                     login.setNamaDosen(text);
149                     pref.dosenLogin(login);
150                     finish();
151                 }
152             }
153         })
154         @Override
155         public void onFailure(Call<ResponseInfo> call,
156         Throwable t) {
157             progressDialog.dismiss();
158             Toast.makeText(getApplicationContext(), "Error :
159             "+t.getMessage(), Toast.LENGTH_LONG).show();
160         }
161     });
162     } else {
163         Toast.makeText(getApplicationContext(), "Field kosong",
164         Toast.LENGTH_SHORT).show();
165         progressDialog.dismiss();
166     }
167 }
168
169 private void saveKontak(){

```

```

163         final ProgressDialog progressDialog = new ProgressDialog(this
164     );
165     progressDialog.setMessage("Menyimpan data...");
166     progressDialog.setCancelable(false);
167     progressDialog.show();
168
169     String text = editText.getText().toString();
170     String idDosen = pref.getDosen().getIdDosen();
171
172     if (!text.isEmpty()){
173         Call<ResponseInfo> call = mApiInterface.dosenUbahKontak(
174     idDosen, text);
175         call.enqueue(new Callback<ResponseInfo>() {
176             @Override
177             public void onResponse(Call<ResponseInfo> call,
178     Response<ResponseInfo> response) {
179                 progressDialog.dismiss();
180                 Toast.makeText(getApplicationContext(), response.
181     body().getMessage(), Toast.LENGTH_LONG).show();
182                 if (response.body().getStatus().equals("200")) {
183                     Login login = pref.getDosen();
184                     login.setKontakDosen(text);
185                     pref.dosenLogin(login);
186                     finish();
187                 }
188             }
189             @Override
190             public void onFailure(Call<ResponseInfo> call,
191     Throwable t) {
192                 progressDialog.dismiss();
193                 Toast.makeText(getApplicationContext(), "Error :
194     "+t.getMessage(), Toast.LENGTH_LONG).show();
195             }
196         });
197     } else {
198         Toast.makeText(getApplicationContext(), "Field kosong",
199     Toast.LENGTH_SHORT).show();
200         progressDialog.dismiss();
201     }
202 }

```

```

1 <?xml version="1.0" encoding="utf-8"?>
2 <androidx.cardview.widget.CardView xmlns:android="http://schemas.
3     android.com/apk/res/android"
4     android:orientation="vertical" android:layout_width="match_parent"
5     android:layout_height="wrap_content"
6     android:layout_marginVertical="5dp"
7     android:layout_marginHorizontal="10dp">
8 <LinearLayout
9     android:layout_width="match_parent"
10    android:layout_height="wrap_content"

```

```

11         android:orientation="horizontal"
12         android:padding="10dp">
13
14     <de.hdodenhof.circleimageview.CircleImageView
15         android:id="@+id/iv_progress"
16         android:layout_width="80dp"
17         android:layout_height="80dp"
18         android:src="@drawable/profile"
19         android:layout_gravity="center_vertical"/>
20
21     <LinearLayout
22         android:layout_width="match_parent"
23         android:layout_height="wrap_content"
24         android:orientation="vertical"
25         android:layout_marginLeft="16dp"
26         android:layout_marginVertical="4dp">
27
28         <TextView
29             android:layout_width="match_parent"
30             android:layout_height="wrap_content"
31             android:textStyle="bold"
32             android:text="Tanggal & Waktu "/>
33
34         <TextView
35             android:id="@+id/tv_tgl_waktu"
36             android:layout_width="match_parent"
37             android:layout_height="wrap_content"
38             android:text="Tanggal Waktu"/>
39
40         <TextView
41             android:layout_width="match_parent"
42             android:layout_height="wrap_content"
43             android:textStyle="bold"
44             android:layout_marginTop="2dp"
45             android:text="Kegiatan "/>
46
47         <TextView
48             android:id="@+id/tv_kegiatan"
49             android:layout_width="match_parent"
50             android:layout_height="wrap_content"
51             android:text="Kegiatan"/>
52
53     </LinearLayout>
54
55 </LinearLayout>
56
57 </androidx.cardview.widget.CardView>

```

```

1 package com.divakrishnam.actspotpembimbinginternal.adapter;
2
3 import android.content.Context;
4 import android.view.LayoutInflater;
5 import android.view.View;
6 import android.view.ViewGroup;
7 import android.widget.ImageView;
8 import android.widget.TextView;

```

```

9
10 import androidx.annotation.NonNull;
11 import androidx.recyclerview.widget.RecyclerView;
12
13 import com.bumptech.glide.Glide;
14 import com.divakrishnam.actspotpembimbinginternal.R;
15 import com.divakrishnam.actspotpembimbinginternal.model.
    ProgressPerDay;
16 import com.divakrishnam.actspotpembimbinginternal.util.Url;
17
18 import java.util.List;
19
20 public class DetailProgressAdapter extends RecyclerView.Adapter<
    DetailProgressAdapter.DetailProgressViewHolder> {
21
22     private List<ProgressPerDay> mList;
23     private Context mContext;
24
25     public DetailProgressAdapter(Context context, List<ProgressPerDay>
    list){
26         mContext = context;
27         mList = list;
28     }
29
30     @NonNull
31     @Override
32     public DetailProgressViewHolder onCreateViewHolder(@NonNull
    ViewGroup parent, int viewType) {
33         View mView = LayoutInflater.from(parent.getContext()).inflate
    (R.layout.item_detail_progress, parent, false);
34         DetailProgressViewHolder mViewHolder = new
    DetailProgressViewHolder(mView);
35         return mViewHolder;
36     }
37
38     @Override
39     public void onBindViewHolder(@NonNull DetailProgressViewHolder
    holder, int position) {
40
41         ProgressPerDay progressPerDay = mList.get(position);
42
43         holder.tvKegiatan.setText(progressPerDay.getKegiatan());
44         holder.tvTglWaktu.setText(progressPerDay.getTglWaktu());
45         Glide.with(mContext).load(Url.IMAGE_URL+"absensi/"+
    progressPerDay.getFotoAbsensi()).error(R.drawable.profile).into(
    holder.ivProgress);
46     }
47
48     @Override
49     public int getItemCount() {
50         return mList.size();
51     }
52
53     public class DetailProgressViewHolder extends RecyclerView.
    ViewHolder {
54

```

```

55     ImageView ivProgress;
56     TextView tvTglWaktu, tvKegiatan;
57
58     public DetailProgressViewHolder(@NonNull View itemView) {
59         super(itemView);
60
61         ivProgress = itemView.findViewById(R.id.iv_progress);
62         tvTglWaktu = itemView.findViewById(R.id.tv_tgl_waktu);
63         tvKegiatan = itemView.findViewById(R.id.tv_kegiatan);
64     }
65 }
66 }

```

```

1  <?xml version="1.0" encoding="utf-8"?>
2  <androidx.cardview.widget.CardView xmlns:android="http://schemas.
   android.com/apk/res/android"
3      android:orientation="vertical"
4      android:layout_width="match_parent"
5      android:layout_height="wrap_content"
6      android:layout_marginVertical="5dp"
7      android:layout_marginHorizontal="10dp">
8
9      <LinearLayout
10         android:layout_width="match_parent"
11         android:layout_height="wrap_content"
12         android:orientation="horizontal"
13         android:padding="10dp">
14
15         <de.hdodenhof.circleimageview.CircleImageView
16             android:id="@+id/img_mahasiswa"
17             android:layout_width="80dp"
18             android:layout_height="80dp"
19             android:src="@drawable/profile"/>
20
21         <LinearLayout
22             android:layout_width="match_parent"
23             android:layout_height="wrap_content"
24             android:orientation="vertical"
25             android:layout_weight="1"
26             android:layout_gravity="center_vertical"
27             android:layout_marginStart="14dp">
28
29             <TextView
30                 android:id="@+id/tv_mahasiswa"
31                 android:layout_width="match_parent"
32                 android:layout_height="wrap_content"
33                 android:textStyle="bold"
34                 android:text="Kadek Diva Krishna Murti"/>
35
36             <TextView
37                 android:id="@+id/tv_perusahaan"
38                 android:layout_width="match_parent"
39                 android:layout_height="wrap_content"
40                 android:text="Politeknik Pos Indonesia"/>
41
42             <TextView

```

```

43         android:id="@+id/tv_angkatan"
44         android:layout_width="match_parent"
45         android:layout_height="wrap_content"
46         android:text="2017"/>
47
48     </LinearLayout>
49
50     <TextView
51         android:id="@+id/tv_presentase"
52         android:layout_width="55dp"
53         android:layout_height="wrap_content"
54         android:layout_gravity="center"
55         android:text="100%"
56         android:textStyle="bold"
57         android:textSize="18sp"/>
58
59 </LinearLayout>
60 </androidx.cardview.widget.CardView>

```

```

1 package com.divakrishnam.actspotpembimbinginternal.adapter;
2
3 import android.content.Context;
4 import android.content.Intent;
5 import android.view.LayoutInflater;
6 import android.view.View;
7 import android.view.ViewGroup;
8 import android.widget.ImageView;
9 import android.widget.TextView;
10
11 import androidx.annotation.NonNull;
12 import androidx.recyclerview.widget.RecyclerView;
13
14 import com.bumptech.glide.Glide;
15 import com.divakrishnam.actspotpembimbinginternal.R;
16 import com.divakrishnam.actspotpembimbinginternal.activity.
    ProgressActivity;
17 import com.divakrishnam.actspotpembimbinginternal.model.Mahasiswa;
18 import com.divakrishnam.actspotpembimbinginternal.util.Url;
19
20 import java.util.List;
21
22 public class MahasiswaAdapter extends RecyclerView.Adapter<
    MahasiswaAdapter.MahasiswaViewHolder> {
23
24     private List<Mahasiswa> mList;
25     private Context mContext;
26
27     public MahasiswaAdapter(Context context, List<Mahasiswa> list){
28         mContext = context;
29         mList = list;
30     }
31
32     @NonNull
33     @Override
34     public MahasiswaViewHolder onCreateViewHolder(@NonNull ViewGroup
        parent, int viewType) {

```



```

35     View mView = LayoutInflater.from(parent.getContext()).inflate
(R.layout.item_mahasiswa, parent, false);
36     MahasiswaViewHolder mViewHolder = new MahasiswaViewHolder(
mView);
37     return mViewHolder;
38 }
39
40 @Override
41 public void onBindViewHolder(@NonNull MahasiswaViewHolder holder,
int position) {
42     final Mahasiswa mahasiswa = mList.get(position);
43
44     holder.tvMahasiswa.setText(mahasiswa.getNamaMahasiswa());
45     holder.tvPerusahaan.setText(mahasiswa.getNamaPerusahaan());
46     holder.tvAngkatan.setText(mahasiswa.getAngkatanMahasiswa());
47     holder.tvPresentase.setText(mahasiswa.getPresentaseInternship
()+ "%");
48     Glide.with(mContext).load(Urls.IMAGE_URL + "mahasiswa/" +
mahasiswa.getFotoMahasiswa()).error(R.drawable.profile).into(
holder.ivMahasiswa);
49     holder.itemView.setOnClickListener(view -> {
50         Intent intent = new Intent(mContext, ProgressActivity.
class);
51         intent.putExtra(ProgressActivity.EXTRA_MAHASISWA,
mahasiswa);
52         mContext.startActivity(intent);
53     });
54 }
55
56 @Override
57 public int getItemCount() {
58     return mList.size();
59 }
60
61 public class MahasiswaViewHolder extends RecyclerView.ViewHolder
{
62
63     ImageView ivMahasiswa;
64     TextView tvMahasiswa, tvPerusahaan, tvAngkatan, tvPresentase;
65
66     public MahasiswaViewHolder(@NonNull View itemView) {
67         super(itemView);
68
69         ivMahasiswa = itemView.findViewById(R.id.img_mahasiswa);
70         tvMahasiswa = itemView.findViewById(R.id.tv_mahasiswa);
71         tvPerusahaan = itemView.findViewById(R.id.tv_perusahaan);
72         tvAngkatan = itemView.findViewById(R.id.tv_angkatan);
73         tvPresentase = itemView.findViewById(R.id.tv_presentase);
74     }
75 }
76 }

```

```

1 <?xml version="1.0" encoding="utf-8"?>
2 <androidx.cardview.widget.CardView xmlns:android="http://schemas.
android.com/apk/res/android"
3     android:orientation="vertical"

```

```

4     android:layout_width="match_parent"
5     android:layout_height="wrap_content"
6     android:layout_marginHorizontal="10dp"
7     android:layout_marginVertical="5dp">
8
9     <LinearLayout
10        android:layout_width="match_parent"
11        android:layout_height="wrap_content"
12        android:orientation="vertical"
13        android:layout_margin="12dp">
14
15        <TextView
16            android:id="@+id/tv_message"
17            android:layout_width="match_parent"
18            android:layout_height="wrap_content"
19            android:text="Pesanan."/>
20
21        <TextView
22            android:id="@+id/tv_time"
23            android:layout_width="match_parent"
24            android:layout_height="wrap_content"
25            android:textStyle="bold"
26            android:textSize="12sp"
27            android:layout_marginTop="4dp"
28            android:text="2019-12-12 18:00:00"/>
29
30    </LinearLayout>
31
32</androidx.cardview.widget.CardView>

```

```

1 package com.divakrishnam.actspotpembimbinginternal.adapter;
2
3 import android.content.Context;
4 import android.view.LayoutInflater;
5 import android.view.View;
6 import android.view.ViewGroup;
7 import android.widget.TextView;
8
9 import androidx.annotation.NonNull;
10 import androidx.recyclerview.widget.RecyclerView;
11
12 import com.divakrishnam.actspotpembimbinginternal.R;
13 import com.divakrishnam.actspotpembimbinginternal.model.Notification;
14
15 import java.util.List;
16
17 public class NotificationAdapter extends RecyclerView.Adapter<
18     NotificationAdapter.NotificationViewHolder> {
19     private List<Notification> mList;
20     private Context mContext;
21
22     public NotificationAdapter(Context context, List<Notification>
23         list){
24         mContext = context;
25         mList = list;
26     }

```

```

25
26 @NonNull
27 @Override
28 public NotificationViewHolder onCreateViewHolder(@NonNull
  ViewGroup parent, int viewType) {
29     View mView = LayoutInflater.from(parent.getContext()).inflate
  (R.layout.item_notification, parent, false);
30     NotificationViewHolder mViewHolder = new
  NotificationViewHolder(mView);
31     return mViewHolder;
32 }
33
34 @Override
35 public void onBindViewHolder(@NonNull NotificationViewHolder
  holder, int position) {
36     final Notification notification = mList.get(position);
37
38     holder.tvTime.setText(notification.getTglWaktu());
39     holder.tvMessage.setText(notification.getPesan());
40 }
41
42 @Override
43 public int getItemCount() {
44     return mList.size();
45 }
46
47 public class NotificationViewHolder extends RecyclerView.
  ViewHolder {
48     TextView tvTime, tvMessage;
49
50     public NotificationViewHolder(@NonNull View itemView) {
51         super(itemView);
52
53         tvTime = itemView.findViewById(R.id.tv_time);
54         tvMessage = itemView.findViewById(R.id.tv_message);
55     }
56 }
57 }

```

```

1 <?xml version="1.0" encoding="utf-8"?>
2 <androidx.cardview.widget.CardView xmlns:android="http://schemas.
  android.com/apk/res/android"
3     android:orientation="vertical" android:layout_width="match_parent"
4     android:layout_height="wrap_content"
5     android:layout_marginHorizontal="10dp"
6     android:layout_marginVertical="5dp">
7
8 <LinearLayout
9     android:layout_width="match_parent"
10    android:layout_height="wrap_content"
11    android:orientation="vertical">
12
13 <TextView
14     android:id="@+id/tv_sort"
15     android:layout_width="match_parent"

```

```

16         android:layout_height="wrap_content"
17         android:gravity="center"
18         android:paddingVertical="10dp"
19         android:textStyle="bold"
20         android:textSize="18sp"
21         android:background="@color/colorPrimaryDark"
22         android:textColor="@android:color/white"
23         android:text="Sort"/>
24
25     <View
26         android:layout_width="match_parent"
27         android:layout_height="0.2dp"
28         android:background="@android:color/darker_gray"/>
29
30     <com.github.mikephil.charting.charts.PieChart
31         android:id="@+id/piechart"
32         android:layout_width="match_parent"
33         android:layout_height="180dp"
34         android:layout_gravity="center"
35         android:layout_margin="8dp"/>
36
37 </LinearLayout>
38
39 </androidx.cardview.widget.CardView>

```

```

1 package com.divakrishnam.actspotpembimbinginternal.adapter;
2
3 import android.content.Context;
4 import android.content.Intent;
5 import android.graphics.Color;
6 import android.view.LayoutInflater;
7 import android.view.View;
8 import android.view.ViewGroup;
9 import android.widget.TextView;
10
11 import androidx.annotation.NonNull;
12 import androidx.recyclerview.widget.RecyclerView;
13
14 import com.divakrishnam.actspotpembimbinginternal.R;
15 import com.divakrishnam.actspotpembimbinginternal.activity.
    DetailProgressActivity;
16 import com.divakrishnam.actspotpembimbinginternal.model.Progress;
17 import com.github.mikephil.charting.charts.PieChart;
18 import com.github.mikephil.charting.data.PieData;
19 import com.github.mikephil.charting.data.PieDataSet;
20 import com.github.mikephil.charting.data.PieEntry;
21 import com.github.mikephil.charting.formatter.PercentFormatter;
22 import com.github.mikephil.charting.utils.ColorTemplate;
23
24 import java.util.ArrayList;
25 import java.util.List;
26
27 public class ProgressAdapter extends RecyclerView.Adapter<
    ProgressAdapter.ProgressViewHolder> {
28
29     private List<Progress> mList;

```

```

30 private Context mContext;
31 private ProgressListener mListener;
32
33 public ProgressAdapter(Context context, List<Progress> list,
34     ProgressListener listener) {
35     mContext = context;
36     mList = list;
37     mListener = listener;
38 }
39
40 @NonNull
41 @Override
42 public ProgressViewHolder onCreateViewHolder(@NonNull ViewGroup
43     parent, int viewType) {
44     View mView = LayoutInflater.from(parent.getContext()).inflate
45     (R.layout.item_progress, parent, false);
46     ProgressViewHolder mViewHolder = new ProgressViewHolder(mView
47 );
48     return mViewHolder;
49 }
50
51 @Override
52 public void onBindViewHolder(@NonNull ProgressViewHolder holder,
53     int position) {
54     final Progress progress = mList.get(position);
55     holder.tvSort.setText(progress.getSort());
56
57     int pot = position+1;
58
59     if (progress.getSort().equals("Hari ke—" + pot)) {
60         holder.tvSort.setOnClickListener(view -> {
61             Intent day = new Intent(mContext,
62                 DetailProgressActivity.class);
63             day.putExtra(DetailProgressActivity.EXTRA_DAY,
64                 progress.getTglWaktu());
65             day.putExtra(DetailProgressActivity.EXTRA_ID,
66                 progress.getIdMahasiswa());
67             day.putExtra(DetailProgressActivity.EXTRA_INTERN,
68                 progress.getIdIntern());
69             mContext.startActivity(day);
70         });
71     } else if (progress.getSort().equals("Minggu ke—" + pot)){
72         holder.tvSort.setOnClickListener(view -> mListener.
73             onWeekClickProgress());
74     } else if (progress.getSort().equals("Bulan ke—" + pot)){
75         holder.tvSort.setOnClickListener(view -> mListener.
76             onMonthClickProgress());
77     }
78
79     holder.pcProgress.setDrawHoleEnabled(true);
80     holder.pcProgress.setHoleRadius(0);
81     holder.pcProgress.setTransparentCircleRadius(0);
82
83     holder.pcProgress.setRotationAngle(0);
84     holder.pcProgress.setRotationEnabled(true);

```

```

75     PieDataSet pieDataSet = new PieDataSet(getData(progress .
getPersen()), null);
76     pieDataSet.setColors(ColorTemplate.COLORFUL_COLORS);
77     pieDataSet.setSliceSpace(3);
78     pieDataSet.setSelectionShift(5);
79     PieData pieData = new PieData(pieDataSet);
80     pieData.setValueFormatter(new PercentFormatter(holder .
pcProgress));
81     holder.pcProgress.setUsePercentValues(true);
82     pieData.setValueTextSize(12f);
83     pieData.setValueTextColor(Color.WHITE);
84     holder.pcProgress.setDrawSliceText(false);
85     holder.pcProgress.setData(pieData);
86     holder.pcProgress.animateXY(100, 100);
87     holder.pcProgress.invalidate();
88     holder.pcProgress.getDescription().setEnabled(false);
89
90 }
91
92 @Override
93 public int getItemCount() {
94     return mList.size();
95 }
96
97 public class ProgressViewHolder extends RecyclerView.ViewHolder {
98
99     PieChart pcProgress;
100     TextView tvSort;
101
102     public ProgressViewHolder(@NonNull View itemView) {
103         super(itemView);
104
105         pcProgress = itemView.findViewById(R.id.piechart);
106         tvSort = itemView.findViewById(R.id.tv_sort);
107     }
108 }
109
110 private ArrayList getData(String persen){
111     float full = Float.valueOf(persen);
112     float unfull = 100f -Float.valueOf(persen);
113     ArrayList<PieEntry> entries = new ArrayList<>();
114     entries.add(new PieEntry(full, "Terpenuhi"));
115     entries.add(new PieEntry(unfull, "Tidak terpenuhi"));
116     return entries;
117 }
118
119 public interface ProgressListener {
120     void onMonthClickProgress();
121     void onWeekClickProgress();
122 }
123 }

```

```

1 <RelativeLayout xmlns:android="http://schemas.android.com/apk/res /
android"
2     xmlns:tools="http://schemas.android.com/tools"
3     android:layout_width="match_parent"

```

```

4     android:layout_height="match_parent"
5     tools:context=". fragment.">
6
7     <ProgressBar
8         android:id="@+id/pb_progress"
9         style="?android:attr/progressBarStyle"
10        android:layout_width="wrap_content"
11        android:layout_height="wrap_content"
12        android:layout_centerHorizontal="true"
13        android:layout_centerVertical="true"
14        android:maxWidth="30dp"
15        android:maxHeight="30dp"
16        android:minWidth="30dp"
17        android:minHeight="30dp"
18        android:visibility="gone" />
19
20    <TextView
21        android:id="@+id/tv_error"
22        android:layout_width="wrap_content"
23        android:layout_height="wrap_content"
24        android:layout_centerHorizontal="true"
25        android:layout_centerVertical="true"
26        android:text="Gagal memuat data"
27        android:visibility="gone" />
28
29    <ScrollView
30        android:layout_width="match_parent"
31        android:layout_height="wrap_content"
32        android:layout_centerHorizontal="true">
33
34        <LinearLayout
35            android:layout_width="match_parent"
36            android:layout_height="wrap_content"
37            android:layout_marginBottom="80dp"
38            android:orientation="vertical">
39
40            <androidx.recyclerview.widget.RecyclerView
41                android:id="@+id/rv_notification"
42                android:layout_width="match_parent"
43                android:layout_height="match_parent"
44                android:scrollbars="vertical" />
45
46            </LinearLayout>
47
48        </ScrollView>
49
50 </RelativeLayout>

```

```

1 package com.divakrishnam.actspotpembimbinginternal.fragment;
2
3
4 import android.os.Bundle;
5
6 import androidx.annotation.NonNull;
7 import androidx.annotation.Nullable;
8 import androidx.fragment.app.Fragment;

```

```

9  import androidx.recyclerview.widget.LinearLayoutManager;
10 import androidx.recyclerview.widget.RecyclerView;
11
12 import android.view.LayoutInflater;
13 import android.view.View;
14 import android.view.ViewGroup;
15 import android.widget.ProgressBar;
16 import android.widget.TextView;
17
18 import com.divakrishnam.actspotpembimbinginternal.R;
19 import com.divakrishnam.actspotpembimbinginternal.activity.
    MainActivity;
20 import com.divakrishnam.actspotpembimbinginternal.adapter.
    NotificationAdapter;
21 import com.divakrishnam.actspotpembimbinginternal.api.APIClient;
22 import com.divakrishnam.actspotpembimbinginternal.api.APIService;
23 import com.divakrishnam.actspotpembimbinginternal.model.
    ResponseNotification;
24 import com.divakrishnam.actspotpembimbinginternal.util.
    SharedPrefManager;
25
26 import retrofit2.Call;
27 import retrofit2.Callback;
28 import retrofit2.Response;
29
30 public class NotificationFragment extends Fragment {
31
32     private RecyclerView rvNotification;
33
34     private APIService mApiInterface;
35     SharedPrefManager pref;
36
37     private ProgressBar pbProgress;
38     private TextView tvError;
39
40     public NotificationFragment() {
41
42     }
43
44     @Override
45     public View onCreateView(LayoutInflater inflater, ViewGroup
        container,
46                               Bundle savedInstanceState) {
47         ((MainActivity) getActivity()).setActionBarTitle("
        Notification");
48         return inflater.inflate(R.layout.fragment_notification,
        container, false);
49     }
50
51     @Override
52     public void onViewCreated(@NonNull View view, @Nullable Bundle
        savedInstanceState) {
53         super.onViewCreated(view, savedInstanceState);
54         pbProgress = view.findViewById(R.id.pb_progress);
55         rvNotification = view.findViewById(R.id.rv_notification);
56         tvError = view.findViewById(R.id.tv_error);

```



```

57         pref = SharedPreferences.getInstance(getApplicationContext());
58         mApiInterface = APIClient.getClient().create(APIService.class
59     );
60
61     showNotification();
62 }
63
64 private void showNotification() {
65     showLoading(true);
66
67     String idDosen = pref.getDosen().getIdDosen();
68
69     rvNotification.setLayoutManager(new LinearLayoutManager(
70         getApplicationContext()));
71
72     Call<ResponseNotification> call = mApiInterface.
73     dosenNotifikasi(idDosen);
74     call.enqueue(new Callback<ResponseNotification>() {
75         @Override
76         public void onResponse(Call<ResponseNotification> call,
77             Response<ResponseNotification> response) {
78             showLoading(false);
79             if (response.body().getStatus().equals("200")) {
80                 NotificationAdapter notificationAdapter = new
81                 NotificationAdapter(getApplicationContext(), response.body().getData());
82                 rvNotification.setAdapter(notificationAdapter);
83             } else {
84                 showMessage(true, response.body().getMessage());
85             }
86         }
87     });
88
89     @Override
90     public void onFailure(Call<ResponseNotification> call,
91         Throwable t) {
92         showLoading(false);
93         showMessage(true, t.getMessage());
94     }
95 }
96
97 private void showLoading(Boolean state) {
98     if (state) {
99         pbProgress.setVisibility(View.VISIBLE);
100     } else {
101         pbProgress.setVisibility(View.GONE);
102     }
103 }
104
105 private void showMessage(Boolean state, String message) {
106     if (state) {
107         tvError.setText(message);
108         tvError.setVisibility(View.VISIBLE);
109     } else {
110         tvError.setVisibility(View.GONE);
111     }
112 }

```

```

107     }
108
109 }

```

```

1  <?xml version="1.0" encoding="utf-8"?>
2  <LinearLayout xmlns:android="http://schemas.android.com/apk/res /
    android"
3      xmlns:tools="http://schemas.android.com/tools"
4      android:layout_width="match_parent"
5      android:layout_height="wrap_content"
6      android:orientation="vertical"
7      tools:context=".fragment.ProfileFragment">
8
9      <LinearLayout
10         android:layout_width="match_parent"
11         android:layout_height="wrap_content"
12         android:orientation="horizontal"
13         android:layout_marginHorizontal="10dp"
14         android:layout_marginVertical="30dp">
15
16         <de.hdodenhof.circleimageview.CircleImageView
17             android:id="@+id/img_profile"
18             android:layout_width="120dp"
19             android:layout_height="120dp"
20             android:src="@drawable/profile"/>
21
22         <TextView
23             android:id="@+id/tv_nama"
24             android:layout_width="match_parent"
25             android:layout_height="120dp"
26             android:text="Kadek Diva Krishna Murti"
27             android:textStyle="bold"
28             android:textSize="18sp"
29             android:layout_marginLeft="15dp"
30             android:gravity="center_vertical"/>
31
32     </LinearLayout>
33
34     <LinearLayout
35         android:layout_width="match_parent"
36         android:layout_height="wrap_content"
37         android:orientation="vertical"
38         android:layout_marginLeft="14dp">
39
40         <View
41             android:layout_width="match_parent"
42             android:layout_height="0.2dp"
43             android:background="#c0c0c0"/>
44
45         <TextView
46             android:id="@+id/tv_profile"
47             android:layout_width="match_parent"
48             android:layout_height="wrap_content"
49             android:text="Ubah Profile"
50             android:paddingVertical="18dp"/>
51

```

```

52     <View
53         android:layout_width="match_parent"
54         android:layout_height="0.2dp"
55         android:background="#c0c0c0"/>
56
57     <TextView
58         android:id="@+id/tv_password"
59         android:layout_width="match_parent"
60         android:layout_height="wrap_content"
61         android:text="Ubah Password"
62         android:paddingVertical="18dp"/>
63
64     <View
65         android:layout_width="match_parent"
66         android:layout_height="0.2dp"
67         android:background="#c0c0c0"/>
68     <TextView
69         android:id="@+id/tv_keluar"
70         android:layout_width="match_parent"
71         android:layout_height="wrap_content"
72         android:text="Keluar"
73         android:paddingVertical="18dp"/>
74
75     <View
76         android:layout_width="match_parent"
77         android:layout_height="0.2dp"
78         android:background="#c0c0c0"/>
79 </LinearLayout>
80
81 </LinearLayout>

```

```

1 package com.divakrishnam.actspotpembimbinginternal.fragment;
2
3
4 import android.content.Intent;
5 import android.os.Bundle;
6
7 import androidx.annotation.NonNull;
8 import androidx.annotation.Nullable;
9 import androidx.fragment.app.Fragment;
10
11 import android.view.LayoutInflater;
12 import android.view.View;
13 import android.view.ViewGroup;
14 import android.widget.ImageView;
15 import android.widget.LinearLayout;
16 import android.widget.TextView;
17
18 import com.bumptechnology.glide.Glide;
19 import com.divakrishnam.actspotpembimbinginternal.R;
20 import com.divakrishnam.actspotpembimbinginternal.activity.
    LoginActivity;
21 import com.divakrishnam.actspotpembimbinginternal.activity.
    MainActivity;
22 import com.divakrishnam.actspotpembimbinginternal.activity.
    PasswordActivity;

```

```

23 import com.divakrishnam.actspotpembimbinginternal.activity.
    ProfileActivity;
24 import com.divakrishnam.actspotpembimbinginternal.util.
    SharedPrefManager;
25 import com.divakrishnam.actspotpembimbinginternal.util.Urls;
26
27 /**
28  * A simple {@link Fragment} subclass.
29  */
30 public class ProfileFragment extends Fragment implements View.
    OnClickListener {
31
32     private SharedPrefManager pref;
33     private ImageView ivProfil;
34     private TextView tvNama, tvProfil, tvPassword, tvKeluar;
35
36     public ProfileFragment() {
37         // Required empty public constructor
38     }
39
40
41     @Override
42     public View onCreateView(LayoutInflater inflater, ViewGroup
        container,
43         Bundle savedInstanceState) {
44         ((MainActivity) getActivity()).setActionBarTitle("My Profile"
45     );
46         return inflater.inflate(R.layout.fragment_profile, container,
47         false);
48     }
49
50     @Override
51     public void onViewCreated(@NonNull View view, @Nullable Bundle
        savedInstanceState) {
52         super.onViewCreated(view, savedInstanceState);
53         tvKeluar = view.findViewById(R.id.tv_keluar);
54         ivProfil = view.findViewById(R.id.img_profile);
55         tvNama = view.findViewById(R.id.tv_nama);
56         tvProfil = view.findViewById(R.id.tv_profile);
57         tvPassword = view.findViewById(R.id.tv_password);
58
59         pref = SharedPrefManager.getInstance(getContext());
60
61         tvNama.setText(pref.getDosen().getNamaDosen());
62         Glide.with(this).load(Urls.IMAGE_URL+"dosen/"+pref.getDosen()
63         .getFotoDosen()).error(R.drawable.profile).into(ivProfil);
64
65         tvProfil.setOnClickListener(this);
66         tvPassword.setOnClickListener(this);
67         tvKeluar.setOnClickListener(this);
68     }
69
70     @Override
71     public void onResume() {
72         super.onResume();
73         tvNama.setText(pref.getDosen().getNamaDosen());

```

```

71         Glide.with(this).load(Urls.IMAGE_URL+"dosen/"+pref.getDosen()
72         .getFotoDosen()).error(R.drawable.profile).into(ivProfil);
73     }
74
75     @Override
76     public void onClick(View view) {
77         if (view == tvProfil){
78             Intent intent = new Intent(getApplicationContext(), ProfileActivity.
79             class);
80             startActivity(intent);
81         }else if (view == tvPassword){
82             Intent intent = new Intent(getApplicationContext(), PasswordActivity
83             .class);
84             startActivity(intent);
85         }else if (view == tvKeluar){
86             pref.logout();
87             getActivity().finish();
88             startActivity(new Intent(getApplicationContext(), LoginActivity.
89             class));
90         }
91     }
92 }

```

```

1 <RelativeLayout xmlns:android="http://schemas.android.com/apk/res /
2   android"
3   xmlns:tools="http://schemas.android.com/tools"
4   android:layout_width="match_parent"
5   android:layout_height="match_parent"
6   tools:context=".fragment.MahasiswaFragment">
7
8   <ProgressBar
9       android:id="@+id/pb_progress"
10      style="?android:attr/progressBarStyle"
11      android:layout_width="wrap_content"
12      android:layout_height="wrap_content"
13      android:layout_centerHorizontal="true"
14      android:layout_centerVertical="true"
15      android:maxWidth="30dp"
16      android:maxHeight="30dp"
17      android:minWidth="30dp"
18      android:minHeight="30dp"
19      android:visibility="gone" />
20
21   <TextView
22       android:id="@+id/tv_error"
23       android:layout_width="wrap_content"
24       android:layout_height="wrap_content"
25       android:layout_centerHorizontal="true"
26       android:layout_centerVertical="true"
27       android:text="Gagal memuat data"
28       android:visibility="gone" />
29
30   <ScrollView
31       android:layout_width="match_parent"
32       android:layout_height="wrap_content"
33       android:layout_centerHorizontal="true">

```

```

33     <LinearLayout
34         android:layout_width="match_parent"
35         android:layout_height="wrap_content"
36         android:orientation="vertical"
37         android:paddingBottom="60dp">
38
39         <androidx.recyclerview.widget.RecyclerView
40             android:id="@+id/rv_mahasiswa"
41             android:layout_width="match_parent"
42             android:layout_height="match_parent"
43             android:scrollbars="vertical" />
44
45     </LinearLayout>
46
47 </ScrollView>
48
49 </RelativeLayout>
50

```

```

1  package com.divakrishnam.actspotpembimbinginternal.fragment;
2
3
4  import android.os.Bundle;
5
6  import androidx.annotation.NonNull;
7  import androidx.annotation.Nullable;
8  import androidx.fragment.app.Fragment;
9  import androidx.recyclerview.widget.LinearLayoutManager;
10 import androidx.recyclerview.widget.RecyclerView;
11
12 import android.view.LayoutInflater;
13 import android.view.View;
14 import android.view.ViewGroup;
15 import android.widget.ImageView;
16 import android.widget.ProgressBar;
17 import android.widget.TextView;
18
19 import com.divakrishnam.actspotpembimbinginternal.R;
20 import com.divakrishnam.actspotpembimbinginternal.activity.
    MainActivity;
21 import com.divakrishnam.actspotpembimbinginternal.adapter.
    MahasiswaAdapter;
22 import com.divakrishnam.actspotpembimbinginternal.api.APIClient;
23 import com.divakrishnam.actspotpembimbinginternal.api.APIService;
24 import com.divakrishnam.actspotpembimbinginternal.model.
    ResponseMahasiswa;
25 import com.divakrishnam.actspotpembimbinginternal.util.
    SharedPreferences;
26
27 import retrofit2.Call;
28 import retrofit2.Callback;
29 import retrofit2.Response;
30
31 public class MahasiswaFragment extends Fragment {
32
33     private RecyclerView rvProgress;

```

```

34 private RecyclerView.LayoutManager mLayoutManager;
35
36 private ApiService mApiInterface;
37 SharedPreferences pref;
38
39 private ProgressBar pbProgress;
40 private TextView tvError;
41
42 public MahasiswaFragment() {
43 }
44
45
46 @Override
47 public View onCreateView(LayoutInflater inflater, ViewGroup
48 container,
49 Bundle savedInstanceState) {
50 ((MainActivity) getActivity()).setActionBarTitle("My
51 Mahasiswa");
52 return inflater.inflate(R.layout.fragment_mahasiswa,
53 container, false);
54 }
55
56 @Override
57 public void onViewCreated(@NonNull View view, @Nullable Bundle
58 savedInstanceState) {
59 super.onViewCreated(view, savedInstanceState);
60
61 pbProgress = view.findViewById(R.id.pb_progress);
62 rvProgress = view.findViewById(R.id.rv_mahasiswa);
63 tvError = view.findViewById(R.id.tv_error);
64
65 pref = SharedPreferences.getInstance(getContext());
66 mApiInterface = APIClient.getClient().create(ApiService.class);
67
68 showProgress();
69 }
70
71 private void showProgress() {
72 showLoading(true);
73 String idMahasiswa = pref.getDosen().getIdDosen();
74
75 rvProgress.setLayoutManager(new LinearLayoutManager(
76 getContext()));
77
78 Call<ResponseMahasiswa> call = mApiInterface.dosenMahasiswa(
79 idMahasiswa);
80 call.enqueue(new Callback<ResponseMahasiswa>() {
81 @Override
82 public void onResponse(Call<ResponseMahasiswa> call,
83 Response<ResponseMahasiswa> response) {
84 showLoading(false);
85 if (response.body().getStatus().equals("200")){
86 MahasiswaAdapter progressAdapter = new
87 MahasiswaAdapter(getContext(), response.body().getData());
88 rvProgress.setAdapter(progressAdapter);

```

```

81         } else {
82             showMessage(true, response.body().getMessage());
83         }
84     }
85
86     @Override
87     public void onFailure(Call<ResponseMahasiswa> call,
88         Throwable t) {
89         showLoading(false);
90         showMessage(true, t.getMessage());
91     }
92 }
93
94 private void showLoading(Boolean state) {
95     if (state) {
96         pbProgress.setVisibility(View.VISIBLE);
97     } else {
98         pbProgress.setVisibility(View.GONE);
99     }
100 }
101
102 private void showMessage(Boolean state, String message) {
103     if (state) {
104         tvError.setText(message);
105         tvError.setVisibility(View.VISIBLE);
106     } else {
107         tvError.setVisibility(View.GONE);
108     }
109 }
110 }

```

```

1 <?xml version="1.0" encoding="utf-8"?>
2 <manifest xmlns:android="http://schemas.android.com/apk/res/android"
3     xmlns:dist="http://schemas.android.com/apk/distribution"
4     package="com.divakrishnam.actspotpembimbinginternal">
5
6     <uses-feature
7         android:name="android.hardware.camera.any"
8         android:required="true" />
9     <uses-feature
10         android:name="android.hardware.camera.autofocus"
11         android:required="false" />
12
13     <uses-permission android:name="android.permission.CAMERA" />
14
15     <dist:module dist:instant="true" />
16
17     <uses-permission android:name="android.permission.
18         ACCESS_COARSE_LOCATION" />
19     <uses-permission android:name="android.permission.
20         ACCESS_FINE_LOCATION" />
21     <uses-permission android:name="android.permission.INTERNET" />
22     <uses-permission android:name="android.permission.
23         WRITE_EXTERNAL_STORAGE" />

```



```

21 <uses-permission android:name="android.permission.
    READ_EXTERNAL_STORAGE" />
22 <uses-permission android:name="android.permission.
    READ_PHONE_STATE" />
23
24 <application
25     android:allowBackup="true"
26     android:icon="@mipmap/ic_launcher"
27     android:label="@string/app_name"
28     android:roundIcon="@mipmap/ic_launcher_round"
29     android:supportsRtl="true"
30     android:theme="@style/AppTheme">
31     <activity android:name=".activity.ProfileActivity"
32         android:parentActivityName=".activity.MainActivity">
activity>
33         <activity android:name=".activity.PasswordActivity"
34             android:parentActivityName=".activity.ProfileActivity">
activity>
35             <activity android:name=".activity.TextActivity"
36                 android:parentActivityName=".activity.ProfileActivity">
activity>
37                 <activity android:name=".activity.DetailProgressActivity"
38                     android:parentActivityName=".activity.MainActivity">
39                 <activity android:name=".activity.ProgressActivity"
40                     android:parentActivityName=".activity.MainActivity" />
41                 <activity android:name=".activity.LoginActivity" />
42                 <activity android:name=".activity.MainActivity">
43                     <intent-filter>
44                         <action android:name="android.intent.action.MAIN" />
45
46                         <category android:name="android.intent.category.
LAUNCHER" />
47                     </intent-filter>
48                 </activity>
49             <activity
50                 android:name="com.theartofdev.edmodo.cropper.
CropImageActivity"
51                 android:theme="@style/Base.Theme.AppCompat"/>
52         </activity>
53     </application>
54 </manifest>

```

```

1 // Top-level build file where you can add configuration options
  common to all sub-projects/modules.
2
3 buildscript {
4     repositories {
5         google()
6         jcenter()
7     }
8 }
9 dependencies {
10     classpath 'com.android.tools.build:gradle:3.5.2'
11
12     // NOTE: Do not place your application dependencies here;
    they belong

```

```

13         // in the individual module build.gradle files
14     }
15 }
16
17 allprojects {
18     repositories {
19         google()
20         jcenter()
21         maven { url 'https://jitpack.io' }
22         mavenCentral()
23         maven { url 'https://mapbox.bintray.com/mapbox' }
24     }
25 }
26
27 task clean(type: Delete) {
28     delete rootProject.buildDir
29 }

```

```

1 apply plugin: 'com.android.application'
2
3 android {
4     compileSdkVersion 29
5     buildToolsVersion "29.0.2"
6     defaultConfig {
7         applicationId "com.divakrishnam.actspotpembimbingeksternal"
8         minSdkVersion 19
9         targetSdkVersion 29
10        versionCode 1
11        versionName "1.0"
12        testInstrumentationRunner "androidx.test.runner.
    AndroidJUnitRunner"
13    }
14    buildTypes {
15        release {
16            minifyEnabled false
17            proguardFiles getDefaultProguardFile('proguard-android-
    optimize.txt'), 'proguard-rules.pro'
18        }
19    }
20    compileOptions {
21        sourceCompatibility JavaVersion.VERSION_1_8
22        targetCompatibility JavaVersion.VERSION_1_8
23    }
24 }
25
26 dependencies {
27     implementation fileTree(dir: 'libs', include: ['*.jar'])
28     implementation 'androidx.appcompat:appcompat:1.1.0'
29     implementation 'androidx.constraintlayout:constraintlayout:1.1.3'
30     implementation 'androidx.legacy:legacy-support-v4:1.0.0'
31
32     implementation 'com.google.android.material:material:1.0.0'
33     implementation 'androidx.vectordrawable:vectordrawable:1.1.0'
34     implementation 'androidx.navigation:navigation-fragment:2.1.0'
35     implementation 'androidx.navigation:navigation-ui:2.1.0'
36     implementation 'androidx.lifecycle:lifecycle-extensions:2.1.0'

```

```

37 implementation 'androidx.legacy:legacy-support-v4:1.0.0'
38 implementation 'com.jakewharton:butterknife:8.4.0'
39 annotationProcessor 'com.jakewharton:butterknife-compiler:8.4.0'
40 implementation 'com.squareup.retrofit2:retrofit:2.4.0'
41 implementation 'com.squareup.retrofit2:converter-gson:2.4.0'
42 implementation 'de.hdodenhof:circleimageview:3.0.1'
43 implementation 'com.github.bumptech.glide:glide:4.10.0'
44 annotationProcessor 'com.github.bumptech.glide:compiler:4.10.0'
45 implementation 'com.google.android.gms:play-services-maps:17.0.0'
46 //implementation 'com.google.android.material:material:1.2.0-alpha02'

47
48 implementation 'com.mapbox.mapboxsdk:mapbox-sdk-services:4.8.0'
49 implementation 'com.mapbox.mapboxsdk:mapbox-android-sdk:8.0.0'
50 implementation 'com.mapbox.mapboxsdk:mapbox-android-plugin-locationlayer:0.5.0'
51 implementation 'com.mapbox.mapboxsdk:mapbox-android-plugin-places-v7:0.7.0'
52 implementation('com.mapbox.mapboxsdk:mapbox-android-geocoder:1.0.0@aar') {
53     transitive = true
54 }
55 implementation 'com.mapbox.mapboxsdk:mapbox-android-plugin-annotation-v7:0.4.0'
56 implementation 'com.mapbox.mapboxsdk:mapbox-android-plugin-markerview-v7:0.2.0'
57 implementation 'com.mapbox.mapboxsdk:mapbox-android-plugin-localization-v7:0.9.0'
58 implementation 'com.mapbox.mapboxsdk:mapbox-android-plugin-markerview-v7:0.2.0'
59 implementation 'com.mapbox.mapboxsdk:mapbox-sdk-turf:4.8.0'
60
61 implementation 'com.theartofdev.edmodo:android-image-cropper:2.8.0'
62 implementation 'com.github.jkwcien:EasyImage:1.3.1'
63 implementation 'id.zelory:compressor:2.1.0'
64
65 testImplementation 'junit:junit:4.12'
66 androidTestImplementation 'androidx.test.ext:junit:1.1.1'
67 androidTestImplementation 'androidx.test.espresso:espresso-core:3.2.0'
68 }

```

```

1 package com.divakrishnam.actspotpembimbingeksternal.model;
2
3 import com.google.gson.annotations.SerializedName;
4
5 public class ConfirmAbsence {
6     @SerializedName("id_absensi")
7     private String idAbsensi;
8     @SerializedName("id_intern")
9     private String idIntern;
10    @SerializedName("id_mahasiswa")
11    private String idMahasiswa;
12    @SerializedName("nama_mahasiswa")
13    private String namaMahasiswa;

```

```
14 @SerializedName("foto_mahasiswa")
15 private String fotoMahasiswa;
16 @SerializedName("kontak_mahasiswa")
17 private String kontakMahasiswa;
18 @SerializedName("nama_prodi")
19 private String namaProdi;
20 @SerializedName("kegiatan")
21 private String kegiatan;
22 @SerializedName("tgl_waktu")
23 private String tglWaktu;
24 @SerializedName("id_dosen")
25 private String idDosen;
26
27 public ConfirmAbsence(String idAbsensi, String idIntern, String
idMahasiswa, String namaMahasiswa, String fotoMahasiswa, String
kontakMahasiswa, String namaProdi, String kegiatan, String
tglWaktu, String idDosen) {
28     this.idAbsensi = idAbsensi;
29     this.idIntern = idIntern;
30     this.idMahasiswa = idMahasiswa;
31     this.namaMahasiswa = namaMahasiswa;
32     this.fotoMahasiswa = fotoMahasiswa;
33     this.kontakMahasiswa = kontakMahasiswa;
34     this.namaProdi = namaProdi;
35     this.kegiatan = kegiatan;
36     this.tglWaktu = tglWaktu;
37     this.idDosen = idDosen;
38 }
39
40 public String getIdAbsensi() {
41     return idAbsensi;
42 }
43
44 public String getIdIntern() {
45     return idIntern;
46 }
47
48 public String getIdMahasiswa() {
49     return idMahasiswa;
50 }
51
52 public String getNamaMahasiswa() {
53     return namaMahasiswa;
54 }
55
56 public String getFotoMahasiswa() {
57     return fotoMahasiswa;
58 }
59
60 public String getKontakMahasiswa() {
61     return kontakMahasiswa;
62 }
63
64 public String getNamaProdi() {
65     return namaProdi;
66 }
```

```

67
68     public String getKegiatan() {
69         return kegiatan;
70     }
71
72     public String getTglWaktu() {
73         return tglWaktu;
74     }
75
76     public String getIdDosen() {
77         return idDosen;
78     }
79 }

```

```

1  package com.divakrishnam.actspotpembimbingeksternal.model;
2
3  import com.google.gson.annotations.SerializedName;
4
5  public class ConfirmMahasiswa {
6      @SerializedName("id_intern")
7      private String idIntern;
8      @SerializedName("id_mahasiswa")
9      private String idMahasiswa;
10     @SerializedName("nama_mahasiswa")
11     private String namaMahasiswa;
12     @SerializedName("foto_mahasiswa")
13     private String fotoMahasiswa;
14     @SerializedName("kontak_mahasiswa")
15     private String kontakMahasiswa;
16     @SerializedName("nama_prodi")
17     private String namaProdi;
18     @SerializedName("id_dosen")
19     private String idDosen;
20
21     public ConfirmMahasiswa(String idIntern, String idMahasiswa,
22     String namaMahasiswa, String fotoMahasiswa, String
23     kontakMahasiswa, String namaProdi, String idDosen) {
24         this.idIntern = idIntern;
25         this.idMahasiswa = idMahasiswa;
26         this.namaMahasiswa = namaMahasiswa;
27         this.fotoMahasiswa = fotoMahasiswa;
28         this.kontakMahasiswa = kontakMahasiswa;
29         this.namaProdi = namaProdi;
30         this.idDosen = idDosen;
31     }
32
33     public String getIdIntern() {
34         return idIntern;
35     }
36
37     public String getIdMahasiswa() {
38         return idMahasiswa;
39     }
40
41     public String getNamaMahasiswa() {
42         return namaMahasiswa;

```

```

41     }
42
43     public Object getFotoMahasiswa() {
44         return fotoMahasiswa;
45     }
46
47     public String getKontakMahasiswa() {
48         return kontakMahasiswa;
49     }
50
51     public String getNamaProdi() {
52         return namaProdi;
53     }
54
55     public String getIdDosen() {
56         return idDosen;
57     }
58 }

```

```

1  package com.divakrishnam.actspotpembimbingeksternal.model;
2
3  import com.google.gson.annotations.SerializedName;
4
5  public class Login {
6      @SerializedName("username")
7      private String username;
8      @SerializedName("password")
9      private String password;
10     @SerializedName("id_pembimbing")
11     private String idPembimbing;
12     @SerializedName("nama_pembimbing")
13     private String namaPembimbing;
14     @SerializedName("nama_perusahaan")
15     private String namaPerusahaan;
16     @SerializedName("foto_pembimbing")
17     private String fotoPembimbing;
18     @SerializedName("kontak_pembimbing")
19     private String kontakPembimbing;
20
21     public Login(String username, String password, String
idPembimbing, String namaPembimbing, String namaPerusahaan,
String fotoPembimbing, String kontakPembimbing) {
22         this.username = username;
23         this.password = password;
24         this.idPembimbing = idPembimbing;
25         this.namaPembimbing = namaPembimbing;
26         this.namaPerusahaan = namaPerusahaan;
27         this.fotoPembimbing = fotoPembimbing;
28         this.kontakPembimbing = kontakPembimbing;
29     }
30
31     public String getUsername() {
32         return username;
33     }
34
35     public String getPassword() {

```

```

36         return password;
37     }
38
39     public String getIdPembimbing() {
40         return idPembimbing;
41     }
42
43     public String getNamaPembimbing() {
44         return namaPembimbing;
45     }
46
47     public String getNamaPerusahaan() {
48         return namaPerusahaan;
49     }
50
51     public String getFotoPembimbing() {
52         return fotoPembimbing;
53     }
54
55     public String getKontakPembimbing() {
56         return kontakPembimbing;
57     }
58
59     public void setUsername(String username) {
60         this.username = username;
61     }
62
63     public void setPassword(String password) {
64         this.password = password;
65     }
66
67     public void setIdPembimbing(String idPembimbing) {
68         this.idPembimbing = idPembimbing;
69     }
70
71     public void setNamaPembimbing(String namaPembimbing) {
72         this.namaPembimbing = namaPembimbing;
73     }
74
75     public void setNamaPerusahaan(String namaPerusahaan) {
76         this.namaPerusahaan = namaPerusahaan;
77     }
78
79     public void setFotoPembimbing(String fotoPembimbing) {
80         this.fotoPembimbing = fotoPembimbing;
81     }
82
83     public void setKontakPembimbing(String kontakPembimbing) {
84         this.kontakPembimbing = kontakPembimbing;
85     }
86 }

```

```

1 package com.divakrishnam.actspotpembimbingeksternal.model;
2
3 import android.os.Parcel;
4 import android.os.Parcelable;

```

```
5
6 import com.google.gson.annotations.SerializedName;
7
8 public class Mahasiswa implements Parcelable {
9     @SerializedName("id_intern")
10    private String idIntern;
11    @SerializedName("id_mahasiswa")
12    private String idMahasiswa;
13    @SerializedName("nama_mahasiswa")
14    private String namaMahasiswa;
15    @SerializedName("foto_mahasiswa")
16    private String fotoMahasiswa;
17    @SerializedName("kontak_mahasiswa")
18    private String kontakMahasiswa;
19    @SerializedName("nama_prodi")
20    private String namaProdi;
21    @SerializedName("angkatan_mahasiswa")
22    private String angkatanMahasiswa;
23
24    public Mahasiswa(String idIntern, String idMahasiswa, String
namaMahasiswa, String fotoMahasiswa, String kontakMahasiswa,
String namaProdi, String angkatanMahasiswa) {
25        this.idIntern = idIntern;
26        this.idMahasiswa = idMahasiswa;
27        this.namaMahasiswa = namaMahasiswa;
28        this.fotoMahasiswa = fotoMahasiswa;
29        this.kontakMahasiswa = kontakMahasiswa;
30        this.namaProdi = namaProdi;
31        this.angkatanMahasiswa = angkatanMahasiswa;
32    }
33
34    public String getIdIntern() {
35        return idIntern;
36    }
37
38    public String getIdMahasiswa() {
39        return idMahasiswa;
40    }
41
42    public String getNamaMahasiswa() {
43        return namaMahasiswa;
44    }
45
46    public String getFotoMahasiswa() {
47        return fotoMahasiswa;
48    }
49
50    public String getKontakMahasiswa() {
51        return kontakMahasiswa;
52    }
53
54    public String getNamaProdi() {
55        return namaProdi;
56    }
57
58    public String getAngkatanMahasiswa() {
```



```

59         return angkatanMahasiswa;
60     }
61
62     @Override
63     public int describeContents () {
64         return 0;
65     }
66
67     @Override
68     public void writeToParcel(Parcel dest, int flags) {
69         dest.writeString(this.idIntern);
70         dest.writeString(this.idMahasiswa);
71         dest.writeString(this.namaMahasiswa);
72         dest.writeString(this.fotoMahasiswa);
73         dest.writeString(this.kontakMahasiswa);
74         dest.writeString(this.namaProdi);
75         dest.writeString(this.angkatanMahasiswa);
76     }
77
78     protected Mahasiswa(Parcel in) {
79         this.idIntern = in.readString();
80         this.idMahasiswa = in.readString();
81         this.namaMahasiswa = in.readString();
82         this.fotoMahasiswa = in.readString();
83         this.kontakMahasiswa = in.readString();
84         this.namaProdi = in.readString();
85         this.angkatanMahasiswa = in.readString();
86     }
87
88     public static final Parcelable.Creator<Mahasiswa> CREATOR = new
89     Parcelable.Creator<Mahasiswa>() {
90         @Override
91         public Mahasiswa createFromParcel(Parcel source) {
92             return new Mahasiswa(source);
93         }
94
95         @Override
96         public Mahasiswa[] newArray(int size) {
97             return new Mahasiswa[size];
98         }
99     };
100 }

```

```

1 package com.divakrishnam.actspotpembimbingeksternal.model;
2
3 import com.google.gson.annotations.SerializedName;
4
5 public class Notification {
6     @SerializedName("id_intern")
7     private String idIntern;
8     @SerializedName("pesan")
9     private String pesan;
10    @SerializedName("tgl_waktu")
11    private String tglWaktu;
12

```

```

13     public Notification(String idIntern , String pesan , String
        tglWaktu) {
14         this.idIntern = idIntern;
15         this.pesan = pesan;
16         this.tglWaktu = tglWaktu;
17     }
18
19     public String getIdIntern() {
20         return idIntern;
21     }
22
23     public String getPesan() {
24         return pesan;
25     }
26
27     public String getTglWaktu() {
28         return tglWaktu;
29     }
30 }

```

```

1 package com.divakrishnam.actspotpembimbingeksternal.model;
2
3 import com.google.gson.annotations.SerializedName;
4
5 import java.util.List;
6
7 public class ResponseConfirmAbsence {
8     @SerializedName("status")
9     private String status;
10    @SerializedName("message")
11    private String message;
12    @SerializedName("data")
13    private List<ConfirmAbsence> data;
14
15    public ResponseConfirmAbsence(String status , String message , List
        <ConfirmAbsence> data) {
16        this.status = status;
17        this.message = message;
18        this.data = data;
19    }
20
21    public String getStatus() {
22        return status;
23    }
24
25    public String getMessage() {
26        return message;
27    }
28
29    public List<ConfirmAbsence> getData() {
30        return data;
31    }
32 }

```

```

1 package com.divakrishnam.actspotpembimbingeksternal.model;
2

```

```
3 import com.google.gson.annotations.SerializedName;
4
5 import java.util.List;
6
7 public class ResponseConfirmMahasiswa {
8     @SerializedName("status")
9     private String status;
10    @SerializedName("message")
11    private String message;
12    @SerializedName("data")
13    private List<ConfirmMahasiswa> data;
14
15    public ResponseConfirmMahasiswa(String status, String message,
16    List<ConfirmMahasiswa> data) {
17        this.status = status;
18        this.message = message;
19        this.data = data;
20    }
21
22    public String getStatus() {
23        return status;
24    }
25
26    public String getMessage() {
27        return message;
28    }
29
30    public List<ConfirmMahasiswa> getData() {
31        return data;
32    }
33 }
```

```
1 package com.divakrishnam.actspotpembimbingeksternal.model;
2
3 import com.google.gson.annotations.SerializedName;
4
5 public class ResponseInfo {
6     @SerializedName("status")
7     private String status;
8     @SerializedName("message")
9     private String message;
10
11    public ResponseInfo(String status, String message) {
12        this.status = status;
13        this.message = message;
14    }
15
16    public String getStatus() {
17        return status;
18    }
19
20    public String getMessage() {
21        return message;
22    }
23 }
```

```
1 package com.divakrishnam.actspotpembimbingeksternal.model;
2
3 import com.google.gson.annotations.SerializedName;
4
5 public class ResponseLogin {
6     @SerializedName("status")
7     private String status;
8     @SerializedName("message")
9     private String message;
10    @SerializedName("data")
11    private Login data;
12
13    public ResponseLogin(String status, String message, Login data) {
14        this.status = status;
15        this.message = message;
16        this.data = data;
17    }
18
19    public String getStatus() {
20        return status;
21    }
22
23    public String getMessage() {
24        return message;
25    }
26
27    public Login getData() {
28        return data;
29    }
30 }
```

```
1 package com.divakrishnam.actspotpembimbingeksternal.model;
2
3 import com.google.gson.annotations.SerializedName;
4
5 import java.util.List;
6
7 public class ResponseNotification {
8     @SerializedName("status")
9     private String status;
10    @SerializedName("message")
11    private String message;
12    @SerializedName("data")
13    private List<Notification> data;
14
15    public ResponseNotification(String status, String message, List<
16        Notification> data) {
17        this.status = status;
18        this.message = message;
19        this.data = data;
20    }
21
22    public String getStatus() {
23        return status;
24    }
25 }
```

```

25     public String getMessage() {
26         return message;
27     }
28
29     public List<Notification> getData() {
30         return data;
31     }
32 }

```

```

1  package com.divakrishnam.actspotpembimbingeksternal.model;
2
3  import com.google.gson.annotations.SerializedName;
4
5  import java.util.List;
6
7  public class ResponseMahasiswa {
8      @SerializedName("status")
9      private String status;
10     @SerializedName("message")
11     private String message;
12     @SerializedName("data")
13     private List<Mahasiswa> data;
14
15     public ResponseMahasiswa(String status, String message, List<
16     Mahasiswa> data) {
17         this.status = status;
18         this.message = message;
19         this.data = data;
20     }
21
22     public String getStatus() {
23         return status;
24     }
25
26     public String getMessage() {
27         return message;
28     }
29
30     public List<Mahasiswa> getData() {
31         return data;
32     }
33 }

```

```

1  package com.divakrishnam.actspotpembimbingeksternal.util;
2
3  import android.content.Context;
4  import android.content.SharedPreferences;
5
6  import com.divakrishnam.actspotpembimbingeksternal.model.Login;
7
8  public class SharedPrefManager {
9
10     private SharedPreferences pref;
11     private SharedPreferences.Editor editor;
12     private static SharedPrefManager mInstance;
13     private static Context mContext;

```

```
14 private static final String SHARED_PREF_NAME = "
15 actspotpembimbingeksternal";
16
17 private static final String KEY_USERNAME = "keyusername";
18 private static final String KEY_PASSWORD = "keypassword";
19 private static final String KEY_IDPEMBIMBING = "keyidpembimbing";
20 private static final String KEY_NAMA = "keynama";
21 private static final String KEY_PERUSAHAAN = "keyperusahaan";
22 private static final String KEY_FOTO = "keyfoto";
23 private static final String KEY_KONTAK = "keykontak";
24
25 private SharedPrefManager(Context context){
26     mContext = context;
27     pref = context.getSharedPreferences(SHARED_PREF_NAME, Context
28     .MODE_PRIVATE);
29     editor = pref.edit();
30 }
31
32 public static synchronized SharedPrefManager getInstance(Context
33 context) {
34     if (mInstance == null) {
35         mInstance = new SharedPrefManager(context);
36     }
37     return mInstance;
38 }
39
40 public void pembimbingLogin(Login login){
41     editor.putString(KEY_USERNAME, login.getUsername());
42     editor.putString(KEY_PASSWORD, login.getPassword());
43     editor.putString(KEY_IDPEMBIMBING, login.getIdPembimbing());
44     editor.putString(KEY_NAMA, login.getNamaPembimbing());
45     editor.putString(KEY_PERUSAHAAN, login.getNamaPerusahaan());
46     editor.putString(KEY_FOTO, login.getFotoPembimbing());
47     editor.putString(KEY_KONTAK, login.getKontakPembimbing());
48     editor.apply();
49 }
50
51 public boolean isLoggedIn(){
52     return pref.getString(KEY_IDPEMBIMBING, null) != null;
53 }
54
55 public Login getPembimbing(){
56     return new Login(
57         pref.getString(KEY_USERNAME, null),
58         pref.getString(KEY_PASSWORD, null),
59         pref.getString(KEY_IDPEMBIMBING, null),
60         pref.getString(KEY_NAMA, null),
61         pref.getString(KEY_PERUSAHAAN, null),
62         pref.getString(KEY_FOTO, null),
63         pref.getString(KEY_KONTAK, null)
64     );
65 }
66 }
```

```

67     public void logout(){
68         editor.clear();
69         editor.apply();
70     }
71 }

```

```

1 package com.divakrishnam.actspotpembimbingeksternal.util;
2
3 public class Urls {
4     public static final String API_URL = "http://actspot.
5     himatifpolpos.my.id/";
6     public static final String IMAGE_URL = "http://actspot.
7     himatifpolpos.my.id/images/";
8 }

```

```

1 package com.divakrishnam.actspotpembimbingeksternal.api;
2
3 import com.divakrishnam.actspotpembimbingeksternal.util.Urls;
4
5 import retrofit2.Retrofit;
6 import retrofit2.converter.gson.GsonConverterFactory;
7
8 public class APIClient {
9     private static Retrofit retrofit = null;
10
11     public static Retrofit getClient() {
12         if (retrofit==null) {
13             retrofit = new Retrofit.Builder()
14                 .baseUrl(Urls.API_URL)
15                 .addConverterFactory(GsonConverterFactory.create
16                 ())
17                 .build();
18         }
19         return retrofit;
20     }
21 }

```

```

1 package com.divakrishnam.actspotpembimbingeksternal.api;
2
3 import com.divakrishnam.actspotpembimbingeksternal.model.
4     ResponseConfirmAbsence;
5 import com.divakrishnam.actspotpembimbingeksternal.model.
6     ResponseConfirmMahasiswa;
7 import com.divakrishnam.actspotpembimbingeksternal.model.ResponseInfo
8     ;
9 import com.divakrishnam.actspotpembimbingeksternal.model.
10     ResponseLogin;
11 import com.divakrishnam.actspotpembimbingeksternal.model.
12     ResponseMahasiswa;
13 import com.divakrishnam.actspotpembimbingeksternal.model.
14     ResponseNotification;
15
16 import okhttp3.MultipartBody;
17 import okhttp3.RequestBody;
18 import retrofit2.Call;
19 import retrofit2.http.Field;

```

```

14 import retrofit2.http.FormUrlEncoded;
15 import retrofit2.http.Multipart;
16 import retrofit2.http.POST;
17 import retrofit2.http.Part;
18
19 public interface ApiService {
20     @FormUrlEncoded
21     @POST("pembimbing/pembimbing_login.php")
22     Call<ResponseLogin> pembimbingLogin(
23         @Field("username") String username,
24         @Field("password") String password
25     );
26
27     @FormUrlEncoded
28     @POST("pembimbing/pembimbing_registrasi.php")
29     Call<ResponseInfo> pembimbingRegistrasi(
30         @Field("nama_pembimbing") String nama_pembimbing,
31         @Field("kontak_pembimbing") String kontak_pembimbing,
32         @Field("nama_perusahaan") String nama_perusahaan,
33         @Field("username") String username,
34         @Field("password") String password,
35         @Field("latitude_perusahaan") String latitude_perusahaan,
36         @Field("longitude_perusahaan") String
37         longitude_perusahaan
38     );
39
40     // List
41
42     @FormUrlEncoded
43     @POST("pembimbing/pembimbing_notifikasi.php")
44     Call<ResponseNotification> pembimbingListNotifikasi(
45         @Field("id_pembimbing") String id_pembimbing
46     );
47
48     @FormUrlEncoded
49     @POST("pembimbing/pembimbing_mahasiswa.php")
50     Call<ResponseMahasiswa> pembimbingListMahasiswa(
51         @Field("id_pembimbing") String id_pembimbing
52     );
53
54     @FormUrlEncoded
55     @POST("pembimbing/pembimbing_list_konfirm_absensi.php")
56     Call<ResponseConfirmAbsence> pembimbingListKonfirmAbsensi(
57         @Field("id_pembimbing") String id_pembimbing
58     );
59
60     @FormUrlEncoded
61     @POST("pembimbing/pembimbing_list_konfirm_mahasiswa.php")
62     Call<ResponseConfirmMahasiswa> pembimbingListKonfirmMahasiswa(
63         @Field("id_pembimbing") String id_pembimbing
64     );
65
66     // Acc
67
68     @FormUrlEncoded
69     @POST("pembimbing/pembimbing_konfirm_mahasiswa.php")

```



```

69     Call<ResponseInfo> pembimbingKonfirmMahasiswa(
70         @Field("id_pembimbing") String id_pembimbing ,
71         @Field("id_mahasiswa") String id_mahasiswa ,
72         @Field("id_intern") String id_intern ,
73         @Field("id_dosen") String id_dosen
74     );
75
76     @FormUrlEncoded
77     @POST("pembimbing/pembimbing_konfirm_absensi.php")
78     Call<ResponseInfo> pembimbingKonfirmAbsensi(
79         @Field("id_pembimbing") String id_pembimbing ,
80         @Field("id_mahasiswa") String id_mahasiswa ,
81         @Field("id_intern") String id_intern ,
82         @Field("id_dosen") String id_dosen ,
83         @Field("id_absensi") String id_absensi
84     );
85
86     // Ubah
87
88     @FormUrlEncoded
89     @POST("pembimbing/pembimbing_ubah.php")
90     Call<ResponseInfo> pembimbingUbahUsername(
91         @Field("id_pembimbing") String id_pembimbing ,
92         @Field("username") String username
93     );
94
95     @FormUrlEncoded
96     @POST("pembimbing/pembimbing_ubah.php")
97     Call<ResponseInfo> pembimbingUbahPassword(
98         @Field("id_pembimbing") String id_pembimbing ,
99         @Field("password") String password
100    );
101
102    @FormUrlEncoded
103    @POST("pembimbing/pembimbing_ubah.php")
104    Call<ResponseInfo> pembimbingUbahNama(
105        @Field("id_pembimbing") String id_pembimbing ,
106        @Field("nama") String nama
107    );
108
109    @FormUrlEncoded
110    @POST("pembimbing/pembimbing_ubah.php")
111    Call<ResponseInfo> pembimbingUbahPerusahaan(
112        @Field("id_pembimbing") String id_pembimbing ,
113        @Field("perusahaan") String perusahaan
114    );
115
116    @FormUrlEncoded
117    @POST("pembimbing/pembimbing_ubah.php")
118    Call<ResponseInfo> pembimbingUbahKontak(
119        @Field("id_pembimbing") String id_pembimbing ,
120        @Field("kontak") String kontak
121    );
122
123    @Multipart
124    @POST("pembimbing/pembimbing_ubah.php")

```

```

125     Call<ResponseInfo> pembimbingUbahFoto(
126         @Part("id_pembimbing") RequestBody id_pembimbing,
127         @Part MultipartBody.Part foto
128     );
129
130 }

```

```

1 <?xml version="1.0" encoding="utf-8"?>
2 <shape xmlns:android="http://schemas.android.com/apk/res/android"
3     android:shape="rectangle">
4
5     <solid android:color="#FFFFFF" />
6
7     <stroke
8         android:width="1dp"
9         android:color="#c0c0c0" />
10 </shape>

```

```

1 <?xml version="1.0" encoding="utf-8"?>
2 <selector xmlns:android="http://schemas.android.com/apk/res/android">
3     <item android:color="@color/colorPrimaryDark"
4         android:state_checked="true"/>
5     <item android:color="@android:color/darker_gray"/>
6 </selector>

```

```

1 <?xml version="1.0" encoding="utf-8"?>
2 <menu xmlns:android="http://schemas.android.com/apk/res/android">
3     <item
4         android:id="@+id/menu_mahasiswa"
5         android:title="Mahasiswa"
6         android:icon="@drawable/ic_people_white"/>
7
8     <item
9         android:id="@+id/menu_confirmation"
10        android:title="Konfirmasi"
11        android:icon="@drawable/ic_done_all_white"/>
12
13    <item
14        android:id="@+id/menu_notification"
15        android:title="Notifikasi"
16        android:icon="@drawable/ic_notifications_white"/>
17
18    <item
19        android:id="@+id/menu_profile"
20        android:title="Profil"
21        android:icon="@drawable/ic_person_white"/>
22 </menu>

```

```

1 <?xml version="1.0" encoding="utf-8"?>
2 <ScrollView xmlns:android="http://schemas.android.com/apk/res/android"
3     xmlns:app="http://schemas.android.com/apk/res-auto"
4     xmlns:tools="http://schemas.android.com/tools"
5     android:layout_width="match_parent"
6     android:layout_height="match_parent"
7     tools:context=".activity.DetailMahasiswaActivity">

```

```
8
9 <LinearLayout
10     android:layout_width="match_parent"
11     android:layout_height="wrap_content"
12     android:orientation="vertical"
13     android:gravity="center_horizontal"
14     android:padding="12dp">
15
16     <de.hodenhof.circleimageview.CircleImageView
17         android:id="@+id/img_mahasiswa"
18         android:layout_width="180dp"
19         android:layout_height="180dp"
20         android:src="@drawable/profile"
21         android:layout_margin="20dp"/>
22
23     <TextView
24         android:layout_width="match_parent"
25         android:layout_height="wrap_content"
26         android:text="Nama"
27         android:layout_marginTop="8dp"/>
28
29     <LinearLayout
30         android:layout_width="match_parent"
31         android:layout_height="wrap_content"
32         android:orientation="horizontal"
33         android:layout_marginVertical="8dp">
34
35         <TextView
36             android:id="@+id/tv_mahasiswa"
37             android:layout_width="match_parent"
38             android:layout_height="wrap_content"
39             android:layout_weight="1"
40             android:text="Kadek Diva Krishna Murti" />
41     </LinearLayout>
42
43     <TextView
44         android:layout_width="match_parent"
45         android:layout_height="wrap_content"
46         android:text="Angkatan"
47         android:layout_marginTop="8dp"/>
48
49     <LinearLayout
50         android:layout_width="match_parent"
51         android:layout_height="wrap_content"
52         android:orientation="horizontal"
53         android:layout_marginVertical="8dp">
54
55         <TextView
56             android:id="@+id/tv_angkatan"
57             android:layout_width="match_parent"
58             android:layout_height="wrap_content"
59             android:layout_weight="1"
60             android:text="2017" />
61
62 </LinearLayout>
```

```

64 <TextView
65     android:layout_width="match_parent"
66     android:layout_height="wrap_content"
67     android:text="Kontak"
68     android:layout_marginTop="8dp" />
69
70 <LinearLayout
71     android:layout_width="match_parent"
72     android:layout_height="wrap_content"
73     android:orientation="horizontal"
74     android:layout_marginVertical="8dp">
75
76     <TextView
77         android:id="@+id/tv_kontak"
78         android:layout_width="match_parent"
79         android:layout_height="wrap_content"
80         android:layout_weight="1"
81         android:text="2017" />
82
83 </LinearLayout>
84
85 <TextView
86     android:layout_width="match_parent"
87     android:layout_height="wrap_content"
88     android:text="Program Studi"
89     android:layout_marginTop="8dp" />
90
91 <LinearLayout
92     android:layout_width="match_parent"
93     android:layout_height="wrap_content"
94     android:orientation="horizontal"
95     android:layout_marginVertical="8dp">
96
97     <TextView
98         android:id="@+id/tv_prodi"
99         android:layout_width="match_parent"
100        android:layout_height="wrap_content"
101        android:layout_weight="1"
102        android:text="D4 Teknik Informatika" />
103
104 </LinearLayout>
105
106 </LinearLayout>
107 </ScrollView>

```

```

1 package com.divakrishnam.actspotpembimbingeksternal.activity;
2
3 import androidx.appcompat.app.AppCompatActivity;
4
5 import android.os.Bundle;
6 import android.widget.ImageView;
7 import android.widget.TextView;
8
9 import com.bumptech.glide.Glide;
10 import com.divakrishnam.actspotpembimbingeksternal.R;
11 import com.divakrishnam.actspotpembimbingeksternal.model.Mahasiswa;

```

```

12 import com.divakrishnam.actspotpembimbingeksternal.util.Url;
13
14 public class DetailMahasiswaActivity extends AppCompatActivity {
15
16     public static final String EXTRA_MAHASISWA = "extra_mahasiswa";
17     private ImageView ivMahasiswa;
18     private TextView tvMahasiswa, tvAngkatan, tvKontak, tvProdi;
19     private Mahasiswa mahasiswa;
20
21     @Override
22     protected void onCreate(Bundle savedInstanceState) {
23         super.onCreate(savedInstanceState);
24         setContentView(R.layout.activity_detail_mahasiswa);
25
26         mahasiswa = getIntent().getParcelableExtra(EXTRA_MAHASISWA);
27
28         ivMahasiswa = findViewById(R.id.img_mahasiswa);
29         tvMahasiswa = findViewById(R.id.tv_mahasiswa);
30         tvAngkatan = findViewById(R.id.tv_angkatan);
31         tvKontak = findViewById(R.id.tv_kontak);
32         tvProdi = findViewById(R.id.tv_prodi);
33
34         tvMahasiswa.setText(mahasiswa.getNamaMahasiswa());
35         tvAngkatan.setText(mahasiswa.getAngkatanMahasiswa());
36         tvKontak.setText(mahasiswa.getKontakMahasiswa());
37         tvProdi.setText(mahasiswa.getNamaProdi());
38
39         Glide.with(this).load(Urls.IMAGE_URL + "mahasiswa/" + mahasiswa.
40             getFotoMahasiswa()).error(R.drawable.profile).into(ivMahasiswa);
41     }

```

```

1 <?xml version="1.0" encoding="utf-8"?>
2 <LinearLayout xmlns:android="http://schemas.android.com/apk/res/
3     android"
4     xmlns:tools="http://schemas.android.com/tools"
5     android:layout_width="match_parent"
6     android:layout_height="match_parent"
7     android:orientation="vertical"
8     android:layout_marginHorizontal="12dp"
9     tools:context=".activity.LoginActivity">
10
11     <TextView
12         android:layout_width="match_parent"
13         android:layout_height="wrap_content"
14         android:text="Username"
15         android:layout_marginTop="10dp"/>
16
17     <EditText
18         android:id="@+id/et_username"
19         android:layout_width="match_parent"
20         android:layout_height="wrap_content"
21         android:layout_marginVertical="8dp"
22         android:paddingHorizontal="10dp"
23         android:paddingVertical="10dp"
24         android:background="@drawable/custom_edittext"/>

```

```

24
25 <TextView
26     android:layout_width="match_parent"
27     android:layout_height="wrap_content"
28     android:text="Password"
29     android:layout_marginTop="10dp" />
30
31 <EditText
32     android:id="@+id/et_password"
33     android:layout_width="match_parent"
34     android:layout_height="wrap_content"
35     android:layout_marginVertical="8dp"
36     android:paddingHorizontal="10dp"
37     android:paddingVertical="10dp"
38     android:inputType="textPassword"
39     android:background="@drawable/custom_edittext" />
40
41 <Button
42     android:id="@+id/btn_login"
43     android:layout_width="match_parent"
44     android:layout_height="wrap_content"
45     android:text="Login"
46     android:layout_marginVertical="12dp"
47     android:textColor="@android:color/white"
48     android:background="@color/colorPrimaryDark" />
49
50 <Button
51     android:id="@+id/btn_registrasi"
52     android:layout_width="match_parent"
53     android:layout_height="wrap_content"
54     android:text="Registrasi"
55     android:layout_marginVertical="8dp"
56     android:textColor="@android:color/white"
57     android:background="@color/colorPrimaryDark" />
58
59 </LinearLayout>

```

```

1 package com.divakrishnam.actspotpembimbingeksternal.activity;
2
3 import androidx.appcompat.app.AppCompatActivity;
4
5 import android.app.ProgressDialog;
6 import android.content.Intent;
7 import android.os.Bundle;
8 import android.util.Log;
9 import android.view.View;
10 import android.widget.Button;
11 import android.widget.EditText;
12 import android.widget.Toast;
13
14 import com.divakrishnam.actspotpembimbingeksternal.R;
15 import com.divakrishnam.actspotpembimbingeksternal.api.APIClient;
16 import com.divakrishnam.actspotpembimbingeksternal.api.APIService;
17 import com.divakrishnam.actspotpembimbingeksternal.model.
    ResponseLogin;

```

```

18 import com.divakrishnam.actspotpembimbingeksternal.util.
    SharedPreferences;
19
20 import retrofit2.Call;
21 import retrofit2.Callback;
22 import retrofit2.Response;
23
24 public class LoginActivity extends AppCompatActivity implements View.
    OnClickListener {
25
26     private EditText etUsername;
27     private EditText etPassword;
28     private Button btnLogin;
29     private Button btnRegistrasi;
30
31     private ApiService mApiInterface;
32
33     @Override
34     protected void onCreate(Bundle savedInstanceState) {
35         super.onCreate(savedInstanceState);
36         setContentView(R.layout.activity_login);
37
38         etUsername = findViewById(R.id.et_username);
39         etPassword = findViewById(R.id.et_password);
40         btnLogin = findViewById(R.id.btn_login);
41         btnRegistrasi = findViewById(R.id.btn_registrasi);
42
43         mApiInterface = APIClient.getClient().create(ApiService.class
    );
44
45         btnLogin.setOnClickListener(this);
46         btnRegistrasi.setOnClickListener(this);
47
48     }
49
50     @Override
51     public void onClick(View view) {
52         if (view == btnLogin){
53             dosenLogin();
54         }else if (view == btnRegistrasi){
55             startActivity(new Intent(getApplicationContext(),
    RegisterActivity.class));
56         }
57     }
58
59     private void dosenLogin() {
60         final ProgressDialog progressDialog = new ProgressDialog(this
    );
61         progressDialog.setMessage("Log In...");
62         progressDialog.setCancelable(false);
63         progressDialog.show();
64
65
66         String username = etUsername.getText().toString();
67         String password = etPassword.getText().toString();
68

```

```

69         if (!username.isEmpty() && !password.isEmpty()) {
70
71             Call<ResponseLogin> call = mApiInterface.pembimbingLogin(
146 username, password);
72             call.enqueue(new Callback<ResponseLogin>() {
73                 @Override
74                 public void onResponse(Call<ResponseLogin> call,
147 Response<ResponseLogin> response) {
75                     progressDialog.dismiss();
76                     Toast.makeText(getApplicationContext(), response.
148 body().getMessage(), Toast.LENGTH_LONG).show();
77                     if (response.body().getStatus().equals("200")) {
78
79                         SharedPreferences.getInstance(
149 getApplicationContext()).pembimbingLogin(response.body().getData
150 ());
80                         Log.d("lolo", SharedPreferences.getInstance(
151 getApplicationContext()).getPembimbing().getUsername());
81                         Log.d("lolo", SharedPreferences.getInstance(
152 getApplicationContext()).getPembimbing().getPassword());
82                         startActivity(new Intent(
153 getApplicationContext(), MainActivity.class));
83                         finish();
84                     }
85                 }
86
87                 @Override
88                 public void onFailure(Call<ResponseLogin> call,
154 Throwable t) {
89                     progressDialog.dismiss();
90                     Toast.makeText(getApplicationContext(), "Error :
155 "+t.getMessage(), Toast.LENGTH_LONG).show();
91                 }
92             });
93         } else {
94             progressDialog.dismiss();
95             Toast.makeText(getApplicationContext(), "Field tidak
156 boleh kosong", Toast.LENGTH_LONG).show();
96         }
97     }
98 }

```

```

1 <?xml version="1.0" encoding="utf-8"?>
2 <LinearLayout xmlns:android="http://schemas.android.com/apk/res /
147 android"
3     xmlns:app="http://schemas.android.com/apk/res-auto"
4     xmlns:tools="http://schemas.android.com/tools"
5     android:layout_width="match_parent"
6     android:layout_height="match_parent"
7     android:orientation="vertical"
8     android:gravity="center"
9     android:layout_marginBottom="50dp"
10     tools:context=".activity.NoticeActivity">
11
12 <ImageView
13     android:layout_width="100dp"

```



```

14         android:layout_height="100dp"
15         android:src="@drawable/ic_info_outline_black"/>
16
17     <TextView
18         android:layout_width="wrap_content"
19         android:layout_height="wrap_content"
20         android:text="Tunggu konfirmasi dari admin ActSpot untuk bisa
    masuk aplikasi."
21         android:textSize="18sp"
22         android:gravity="center"
23         android:layout_margin="20dp"/>
24
25 </LinearLayout>

```

```

1 package com.divakrishnam.actspotpembimbingeksternal.activity;
2
3 import androidx.appcompat.app.AppCompatActivity;
4
5 import android.os.Bundle;
6
7 import com.divakrishnam.actspotpembimbingeksternal.R;
8
9 public class NoticeActivity extends AppCompatActivity {
10
11     @Override
12     protected void onCreate(Bundle savedInstanceState) {
13         super.onCreate(savedInstanceState);
14         setContentView(R.layout.activity_notice);
15     }
16 }

```

```

1 <?xml version="1.0" encoding="utf-8"?>
2 <RelativeLayout xmlns:android="http://schemas.android.com/apk/res/
    android"
3     xmlns:app="http://schemas.android.com/apk/res-auto"
4     xmlns:tools="http://schemas.android.com/tools"
5     android:layout_width="match_parent"
6     android:layout_height="match_parent"
7     tools:context=".activity.MainActivity">
8
9     <FrameLayout
10         android:id="@+id/fl_container"
11         android:layout_width="match_parent"
12         android:layout_height="match_parent"
13         app:layout_behavior="@string/appbar_scrolling_view_behavior"
14     />
15
16     <com.google.android.material.bottomnavigation.
    BottomNavigationView
17         android:id="@+id/bn_main"
18         android:layout_width="match_parent"
19         android:layout_height="wrap_content"
20         android:layout_alignParentBottom="true"
21         android:background="@android:color/white"
22         app:itemIconTint="@drawable/state_bottom_navigation"
23         app:itemTextColor="@drawable/state_bottom_navigation"

```

```

23         app:menu="@menu/menu_bottom_nav"
24         app:labelVisibilityMode="labeled"/>
25
26 </RelativeLayout>

```

```

1 package com.divakrishnam.actspotpembimbingeksternal.activity;
2
3 import androidx.annotation.NonNull;
4 import androidx.appcompat.app.AppCompatActivity;
5 import androidx.core.app.ActivityCompat;
6 import androidx.fragment.app.Fragment;
7
8 import android.content.Context;
9 import android.content.Intent;
10 import android.content.pm.PackageManager;
11 import android.os.Bundle;
12 import android.view.MenuItem;
13 import android.widget.Toast;
14
15 import com.divakrishnam.actspotpembimbingeksternal.R;
16 import com.divakrishnam.actspotpembimbingeksternal.fragment.
    ConfirmationFragment;
17 import com.divakrishnam.actspotpembimbingeksternal.fragment.
    MahasiswaFragment;
18 import com.divakrishnam.actspotpembimbingeksternal.fragment.
    NotificationFragment;
19 import com.divakrishnam.actspotpembimbingeksternal.fragment.
    ProfileFragment;
20 import com.divakrishnam.actspotpembimbingeksternal.util.
    SharedPrefManager;
21 import com.google.android.material.bottomnavigation.
    BottomNavigationView;
22
23 public class MainActivity extends AppCompatActivity implements
    BottomNavigationView.OnNavigationItemSelectedListener{
24
25     private static final int PERMISSION_ALL = 100;
26
27     private String[] PERMISSIONS = {
28         android.Manifest.permission.ACCESS_FINE_LOCATION,
29         android.Manifest.permission.WRITE_EXTERNAL_STORAGE,
30         android.Manifest.permission.READ_PHONE_STATE,
31         android.Manifest.permission.CAMERA
32     };
33
34
35     @Override
36     protected void onCreate(Bundle savedInstanceState) {
37         super.onCreate(savedInstanceState);
38         setContentView(R.layout.activity_main);
39
40         if (!SharedPrefManager.getInstance(this).isLoggedIn()) {
41             finish();
42             startActivity(new Intent(getApplicationContext(),
    LoginActivity.class));
43         }else{

```

```

44         if (!hasPermissions(this, PERMISSIONS)) {
45             ActivityCompat.requestPermissions(this, PERMISSIONS,
46                 PERMISSION_ALL);
47         }
48     }
49     loadFragment(new MahasiswaFragment());
50     BottomNavigationView bottomNavigationView = findViewById(R.id
51     .bn_main);
52     bottomNavigationView.setOnNavigationItemSelectedListener(this
53     );
54     }
55     private boolean loadFragment(Fragment fragment){
56         if (fragment != null) {
57             getSupportFragmentManager().beginTransaction()
58                 .replace(R.id.fl_container, fragment)
59                 .commit();
60             return true;
61         }
62         return false;
63     }
64     public void setActionBarTitle(String title) {
65         getSupportActionBar().setTitle(title);
66     }
67
68     @Override
69     public boolean onNavigationItemSelected(@NonNull MenuItem item) {
70         Fragment fragment = null;
71         switch (item.getItemId()){
72             case R.id.menu_mahasiswa:
73                 fragment = new MahasiswaFragment();
74                 break;
75             case R.id.menu_confirmation:
76                 fragment = new ConfirmationFragment();
77                 break;
78             case R.id.menu_notification:
79                 fragment = new NotificationFragment();
80                 break;
81             case R.id.menu_profile:
82                 fragment = new ProfileFragment();
83                 break;
84         }
85         return loadFragment(fragment);
86     }
87
88     @Override
89     public void onRequestPermissionsResult(int requestCode, String[]
90     permissions, int[] grantResults) {
91         super.onRequestPermissionsResult(requestCode, permissions,
92         grantResults);
93
94         if (requestCode == PERMISSION_ALL && grantResults.length > 0)
95         {

```

```

93         if (grantResults[0] == PackageManager.PERMISSION_GRANTED)
94         {
95             Toast.makeText(this, "Thanks for granting Permission"
96             , Toast.LENGTH_SHORT).show();
97         }
98     }
99
100     public static boolean hasPermissions(Context context, String...
101     permissions) {
102         if (context != null && permissions != null) {
103             for (String permission : permissions) {
104                 if (ActivityCompat.checkSelfPermission(context,
105                 permission) != PackageManager.PERMISSION_GRANTED) {
106                     return false;
107                 }
108             }
109         }
110     }
111     return true;
112 }

```

```

1 <?xml version="1.0" encoding="utf-8"?>
2 <LinearLayout xmlns:android="http://schemas.android.com/apk/res/
3     android"
4     xmlns:app="http://schemas.android.com/apk/res-auto"
5     xmlns:tools="http://schemas.android.com/tools"
6     android:layout_width="match_parent"
7     android:layout_height="match_parent"
8     android:orientation="vertical"
9     android:layout_marginHorizontal="12dp"
10    tools:context=".activity.PasswordActivity">
11
12    <TextView
13        android:layout_width="match_parent"
14        android:layout_height="wrap_content"
15        android:text="Sandi Lama"
16        android:layout_marginTop="10dp"/>
17
18    <EditText
19        android:id="@+id/et_oldpass"
20        android:layout_width="match_parent"
21        android:layout_height="wrap_content"
22        android:layout_marginVertical="8dp"
23        android:paddingHorizontal="10dp"
24        android:paddingVertical="10dp"
25        android:inputType="textPassword"
26        android:background="@drawable/custom_edittext"/>
27
28
29    <TextView
30        android:layout_width="match_parent"
31        android:layout_height="wrap_content"
32        android:text="Sandi Baru"
33        android:layout_marginTop="10dp"/>

```

```

34
35 <EditText
36     android:id="@+id/et_newpass"
37     android:layout_width="match_parent"
38     android:layout_height="wrap_content"
39     android:layout_marginVertical="8dp"
40     android:paddingHorizontal="10dp"
41     android:paddingVertical="10dp"
42     android:inputType="textPassword"
43     android:background="@drawable/custom_edittext"/>
44
45
46 <TextView
47     android:layout_width="match_parent"
48     android:layout_height="wrap_content"
49     android:text="Konfirmasi Sandi Baru"
50     android:layout_marginTop="10dp"/>
51
52 <EditText
53     android:id="@+id/et_cnewpass"
54     android:layout_width="match_parent"
55     android:layout_height="wrap_content"
56     android:layout_marginVertical="8dp"
57     android:paddingHorizontal="10dp"
58     android:paddingVertical="10dp"
59     android:inputType="textPassword"
60     android:background="@drawable/custom_edittext"/>
61
62 <Button
63     android:id="@+id/btn_savepass"
64     android:layout_width="match_parent"
65     android:layout_height="wrap_content"
66     android:text="Simpan"
67     android:layout_marginVertical="12dp"/>
68
69 </LinearLayout>

```

```

1 package com.divakrishnam.actspotpembimbingeksternal.activity;
2
3 import androidx.appcompat.app.AppCompatActivity;
4
5 import android.app.ProgressDialog;
6 import android.os.Bundle;
7 import android.view.View;
8 import android.widget.Button;
9 import android.widget.EditText;
10 import android.widget.Toast;
11
12 import com.divakrishnam.actspotpembimbingeksternal.R;
13 import com.divakrishnam.actspotpembimbingeksternal.api.APIClient;
14 import com.divakrishnam.actspotpembimbingeksternal.api.APIService;
15 import com.divakrishnam.actspotpembimbingeksternal.model.Login;
16 import com.divakrishnam.actspotpembimbingeksternal.model.ResponseInfo
17 ;
18 import com.divakrishnam.actspotpembimbingeksternal.util.
    SharedPreferences;

```

```

18
19 import retrofit2.Call;
20 import retrofit2.Callback;
21 import retrofit2.Response;
22
23 public class PasswordActivity extends AppCompatActivity implements
    View.OnClickListener {
24
25     private EditText etOldPass, etNewPass, etCNewPass;
26     private Button btnSave;
27
28     private SharedPreferences pref;
29     private APIService mApiInterface;
30
31     @Override
32     protected void onCreate(Bundle savedInstanceState) {
33         super.onCreate(savedInstanceState);
34         setContentView(R.layout.activity_password);
35
36         etOldPass = findViewById(R.id.et_oldpass);
37         etNewPass = findViewById(R.id.et_newpass);
38         etCNewPass = findViewById(R.id.et_cnewpass);
39         btnSave = findViewById(R.id.btn_savepass);
40
41         pref = SharedPreferences.getInstance(getApplicationContext());
42         ;
43         mApiInterface = APIClient.getClient().create(APIService.class);
44     };
45
46     btnSave.setOnClickListener(this);
47
48     @Override
49     public void onClick(View view) {
50         if (view == btnSave){
51             savePassword();
52         }
53     }
54
55     private void savePassword() {
56         final ProgressDialog progressDialog = new ProgressDialog(this);
57     };
58     progressDialog.setMessage("Menyimpan data...");
59     progressDialog.setCancelable(false);
60     progressDialog.show();
61
62     String oldPass = etOldPass.getText().toString();
63     String newPass = etNewPass.getText().toString();
64     String cNewPass = etCNewPass.getText().toString();
65     String idPembimbing = pref.getPembimbing().getIdPembimbing();
66
67     if (!oldPass.isEmpty() && !newPass.isEmpty() && !cNewPass.
        isEmpty() && oldPass.equals(pref.getPembimbing().getPassword())
        && newPass.equals(cNewPass)){

```

```

68         Call<ResponseInfo> call = mApiInterface .
pembimbingUbahPassword(idPembimbing , newPass);
69         call .enqueue(new Callback<ResponseInfo>() {
70             @Override
71             public void onResponse(Call<ResponseInfo> call ,
Response<ResponseInfo> response) {
72                 progressDialog .dismiss ();
73                 Toast .makeText (getApplicationContext () , response .
body () .getMessage () , Toast .LENGTHLONG) .show ();
74                 if (response .body () .getStatus () .equals ("200")) {
75                     Login login = pref .getPembimbing ();
76                     login .setPassword (newPass);
77                     pref .pembimbingLogin (login);
78                     finish ();
79                 }
80             }
81
82             @Override
83             public void onFailure (Call<ResponseInfo> call ,
Throwable t) {
84                 progressDialog .dismiss ();
85                 Toast .makeText (getApplicationContext () , "Error :
"+t .getMessage () , Toast .LENGTHLONG) .show ();
86             }
87         });
88     } else {
89         if (!oldPass .isEmpty () && !newPass .isEmpty () && !cNewPass
.isEmpty ()) {
90             if (oldPass .equals (pref .getPembimbing () .getPassword ()
)) {
91                 Toast .makeText (getApplicationContext () , "Password
baru tidak sama dengan password lama." , Toast .LENGTHSHORT) .show
();
92             } else if (newPass .equals (cNewPass)) {
93                 Toast .makeText (getApplicationContext () , "Password
tidak sama" , Toast .LENGTHSHORT) .show ();
94             }
95             } else {
96                 Toast .makeText (getApplicationContext () , "Field kosong
" , Toast .LENGTHSHORT) .show ();
97             }
98             progressDialog .dismiss ();
99         }
100     }
101 }

```

```

1  <?xml version="1.0" encoding="utf-8"?>
2  <ScrollView xmlns:android="http://schemas.android.com/apk/res/android
"
3      xmlns:app="http://schemas.android.com/apk/res-auto"
4      xmlns:tools="http://schemas.android.com/tools"
5      android:layout_width="match_parent"
6      android:layout_height="match_parent"
7      tools:context=".activity.ProfileActivity">
8
9      <LinearLayout

```

```

10     android:layout_width="match_parent"
11     android:layout_height="wrap_content"
12     android:orientation="vertical"
13     android:gravity="center_horizontal"
14     android:padding="12dp">
15
16     <androidx.constraintlayout.widget.ConstraintLayout
17         android:layout_width="match_parent"
18         android:layout_height="wrap_content">
19
20         <de.hdodenhof.circleimageview.CircleImageView
21             android:id="@+id/img_profile"
22             android:layout_width="180dp"
23             android:layout_height="180dp"
24             android:layout_margin="20dp"
25             android:src="@drawable/profile"
26             app:layout_constraintBottom_toBottomOf="parent"
27             app:layout_constraintEnd_toEndOf="parent"
28             app:layout_constraintStart_toStartOf="parent"
29             app:layout_constraintTop_toTopOf="parent" />
30
31         <ImageView
32             android:layout_width="30dp"
33             android:layout_height="30dp"
34             android:layout_alignEnd="@id/img_profile"
35             android:layout_alignParentEnd="true"
36             android:layout_marginBottom="16dp"
37             android:background="@drawable/ic_add_circle_gray"
38             app:layout_constraintBottom_toBottomOf="parent"
39             app:layout_constraintEnd_toEndOf="parent"
40             app:layout_constraintHorizontal_bias="0.655"
41             app:layout_constraintStart_toStartOf="parent" />
42
43     </androidx.constraintlayout.widget.ConstraintLayout>
44
45     <TextView
46         android:layout_width="match_parent"
47         android:layout_height="wrap_content"
48         android:text="Nama"
49         android:layout_marginTop="8dp" />
50
51     <LinearLayout
52         android:layout_width="match_parent"
53         android:layout_height="wrap_content"
54         android:orientation="horizontal"
55         android:layout_marginVertical="8dp">
56
57         <TextView
58             android:id="@+id/tv_nama"
59             android:layout_width="match_parent"
60             android:layout_height="wrap_content"
61             android:layout_weight="1"
62             android:text="Kadek Diva Krishna Murti" />
63
64         <TextView
65             android:id="@+id/tv_edit_nama"

```



```

66         android:layout_width="match_parent"
67         android:layout_height="wrap_content"
68         android:layout_weight="9"
69         android:text="Ubah"
70         android:textColor="@android:color/darker_gray" />
71     </LinearLayout>
72
73     <TextView
74         android:layout_width="match_parent"
75         android:layout_height="wrap_content"
76         android:text="Kontak"
77         android:layout_marginTop="8dp" />
78
79     <LinearLayout
80         android:layout_width="match_parent"
81         android:layout_height="wrap_content"
82         android:orientation="horizontal"
83         android:layout_marginVertical="8dp">
84
85         <TextView
86             android:id="@+id/tv_kontak"
87             android:layout_width="match_parent"
88             android:layout_height="wrap_content"
89             android:layout_weight="1"
90             android:text="2017" />
91
92         <TextView
93             android:id="@+id/tv_edit_kontak"
94             android:layout_width="match_parent"
95             android:layout_height="wrap_content"
96             android:layout_weight="9"
97             android:text="Ubah"
98             android:textColor="@android:color/darker_gray" />
99     </LinearLayout>
100
101     <TextView
102         android:layout_width="match_parent"
103         android:layout_height="wrap_content"
104         android:text="Perusahaan"
105         android:layout_marginTop="8dp" />
106
107     <LinearLayout
108         android:layout_width="match_parent"
109         android:layout_height="wrap_content"
110         android:orientation="horizontal"
111         android:layout_marginVertical="8dp">
112
113         <TextView
114             android:id="@+id/tv_perusahaan"
115             android:layout_width="match_parent"
116             android:layout_height="wrap_content"
117             android:layout_weight="1"
118             android:text="Kadek Diva Krishna Murti" />
119
120         <TextView
121             android:id="@+id/tv_edit_perusahaan"

```

```

122         android:layout_width="match_parent"
123         android:layout_height="wrap_content"
124         android:layout_weight="9"
125         android:text="Ubah"
126         android:textColor="@android:color/darker_gray" />
127     </LinearLayout>
128
129     <TextView
130         android:layout_width="match_parent"
131         android:layout_height="wrap_content"
132         android:text="Username"
133         android:layout_marginTop="8dp" />
134
135     <LinearLayout
136         android:layout_width="match_parent"
137         android:layout_height="wrap_content"
138         android:orientation="horizontal"
139         android:layout_marginVertical="8dp">
140
141         <TextView
142             android:id="@+id/tv_username"
143             android:layout_width="match_parent"
144             android:layout_height="wrap_content"
145             android:layout_weight="1"
146             android:text="Politeknik Pos Indonesia" />
147
148         <TextView
149             android:id="@+id/tv_edit_username"
150             android:layout_width="match_parent"
151             android:layout_height="wrap_content"
152             android:layout_weight="9"
153             android:text="Ubah"
154             android:textColor="@android:color/darker_gray" />
155     </LinearLayout>
156
157 </LinearLayout>
158 </ScrollView>

```

```

1 package com.divakrishnam.actspotpembimbingeksternal.activity;
2
3 import androidx.appcompat.app.AlertDialog;
4 import androidx.appcompat.app.AppCompatActivity;
5 import androidx.core.content.FileProvider;
6
7 import android.app.ProgressDialog;
8 import android.content.Intent;
9 import android.net.Uri;
10 import android.os.Bundle;
11 import android.os.Environment;
12 import android.provider.MediaStore;
13 import android.util.Log;
14 import android.view.View;
15 import android.widget.ImageView;
16 import android.widget.TextView;
17 import android.widget.Toast;
18

```

```

19 import com.bumptechn.glide.Glide;
20 import com.bumptechn.glide.request.RequestOptions;
21 import com.divakrishnam.actspotpembimbingeksternal.R;
22 import com.divakrishnam.actspotpembimbingeksternal.api.APIClient;
23 import com.divakrishnam.actspotpembimbingeksternal.api.APIService;
24 import com.divakrishnam.actspotpembimbingeksternal.model.Login;
25 import com.divakrishnam.actspotpembimbingeksternal.model.ResponseInfo
    ;
26 import com.divakrishnam.actspotpembimbingeksternal.util.
    SharedPreferences;
27 import com.divakrishnam.actspotpembimbingeksternal.util.Url;
28 import com.theartofdev.edmodo.cropper.CropImage;
29 import com.theartofdev.edmodo.cropper.CropImageView;
30
31 import java.io.File;
32 import java.io.IOException;
33 import java.text.SimpleDateFormat;
34 import java.util.Date;
35 import java.util.Locale;
36
37 import id.zelory.compressor.Compressor;
38 import okhttp3.MediaType;
39 import okhttp3.MultipartBody;
40 import okhttp3.RequestBody;
41 import pl.aprilapps.easyphotopicker.DefaultCallback;
42 import pl.aprilapps.easyphotopicker.EasyImage;
43 import retrofit2.Call;
44 import retrofit2.Callback;
45 import retrofit2.Response;
46
47 public class ProfileActivity extends AppCompatActivity implements
    View.OnClickListener {
48
49     private ImageView imgProfile;
50     private TextView tvNama, tvEditNama, tvKontak, tvEditKontak,
    tvPerusahaan, tvEditPerusahaan, tvUsername, tvEditUsername;
51
52     private SharedPreferences pref;
53     private APIService mApiInterface;
54
55     private static final int REQUEST_IMAGE = 200;
56     private static final int REQUEST_PHOTO = 300;
57
58     @Override
59     protected void onCreate(Bundle savedInstanceState) {
60         super.onCreate(savedInstanceState);
61         setContentView(R.layout.activity_profile);
62
63         imgProfile = findViewById(R.id.img_profile);
64         tvNama = findViewById(R.id.tv_nama);
65         tvEditNama = findViewById(R.id.tv_edit_nama);
66         tvKontak = findViewById(R.id.tv_kontak);
67         tvEditKontak = findViewById(R.id.tv_edit_kontak);
68         tvPerusahaan = findViewById(R.id.tv_perusahaan);
69         tvEditPerusahaan = findViewById(R.id.tv_edit_perusahaan);
70         tvUsername = findViewById(R.id.tv_username);

```

```

71         tvEditUsername = findViewById(R.id.tv_edit_username);
72
73         pref = SharedPreferences.getInstance(getApplicationContext());
74         mApiInterface = APIClient.getClient().create(APIService.class);
75
76
77         imgProfile.setOnClickListener(this);
78         tvEditNama.setOnClickListener(this);
79         tvEditUsername.setOnClickListener(this);
80         tvEditPerusahaan.setOnClickListener(this);
81         tvEditKontak.setOnClickListener(this);
82     }
83
84     @Override
85     protected void onResume() {
86         Login pembimbing = pref.getPembimbing();
87         if (pembimbing != null) {
88             tvNama.setText(pembimbing.getNamaPembimbing());
89             tvKontak.setText(pembimbing.getKontakPembimbing());
90             tvPerusahaan.setText(pembimbing.getNamaPerusahaan());
91             tvUsername.setText(pembimbing.getUsername());
92             Glide.with(this).load(Urls.IMAGE_URL + "pembimbing/" +
pembimbing.getFotoPembimbing()).error(R.drawable.profile).into(
imgProfile);
93         }
94
95         super.onResume();
96     }
97
98     @Override
99     public void onClick(View view) {
100         if (view == imgProfile) {
101             menuDialog();
102         } else if (view == tvEditNama) {
103             Intent text = new Intent(getApplicationContext(),
TextActivity.class);
104             text.putExtra(TextActivity.EXTRA_NAMA, pref.getPembimbing()
().getNamaPembimbing());
105             startActivity(text);
106         } else if (view == tvEditKontak) {
107             Intent text = new Intent(getApplicationContext(),
TextActivity.class);
108             text.putExtra(TextActivity.EXTRA_KONTAK, pref
.getPembimbing().getKontakPembimbing());
109             startActivity(text);
110         } else if (view == tvEditPerusahaan) {
111             Intent text = new Intent(getApplicationContext(),
TextActivity.class);
112             text.putExtra(TextActivity.EXTRA_PERUSAHAAN, pref
.getPembimbing().getNamaPerusahaan());
113             startActivity(text);
114         } else if (view == tvEditUsername) {
115             Intent text = new Intent(getApplicationContext(),
TextActivity.class);

```

```

116         text.putExtra(TextActivity.EXTRA_USER, pref.getPembimbing
117         ().getUsername());
118         startActivity(text);
119     }
120 }
121 @Override
122 public void onActivityResult(int requestCode, int resultCode,
123     Intent data) {
124     super.onActivityResult(requestCode, resultCode, data);
125
126     EasyImage.handleActivityResult(requestCode, resultCode, data,
127     this, new DefaultCallback() {
128         @Override
129         public void onImagePicked(File imageFile, EasyImage.
130     ImageSource source, int type) {
131         CropImage.activity(Uri.fromFile(imageFile))
132             .setGuidelines(CropImageView.Guidelines.ON)
133             .setCropShape(CropImageView.CropShape.OVAL)
134             .setFixAspectRatio(true)
135             .start(ProfileActivity.this);
136     }
137
138     @Override
139     public void onImagePickerError(Exception e, EasyImage.
140     ImageSource source, int type) {
141         super.onImagePickerError(e, source, type);
142         Toast.makeText(ProfileActivity.this, e.getMessage(),
143     Toast.LENGTH_SHORT).show();
144     }
145
146     @Override
147     public void onCancel(EasyImage.ImageSource source, int
148     type) {
149         super.onCanceled(source, type);
150     }
151 });
152
153 if (requestCode == CropImage.CROP_IMAGE_ACTIVITY_REQUEST_CODE
154 ) {
155     CropImage.ActivityResult result = CropImage.
156     getActivityResult(data);
157     if (resultCode == RESULT_OK) {
158         Uri resultUri = result.getUri();
159         simpanFoto(resultUri);
160
161     } else if (resultCode == CropImage.
162     CROP_IMAGE_ACTIVITY_RESULT_ERROR_CODE) {
163         Exception error = result.getError();
164
165         Toast.makeText(this, error.toString(), Toast.
166     LENGTH_SHORT).show();
167     }
168 }

```

```

161 public void simpanFoto(Uri resultUri){
162     final ProgressDialog progressDialog = new ProgressDialog(this
163 );
164     progressDialog.setMessage("Menyimpan data...");
165     progressDialog.setCancelable(false);
166     progressDialog.show();
167
168     File image = new File(resultUri.getPath());
169     File file = null;
170     try {
171         file = new Compressor(getApplicationContext()).
compressToFile(image);
172     } catch (IOException e) {
173         e.printStackTrace();
174     }
175
176     String idPembimbing = pref.getPembimbing().getIdPembimbing();
177     String namaFile = file.getName();
178
179     if (!idPembimbing.isEmpty() && !namaFile.isEmpty()){
180         RequestBody mIdPembimbing = RequestBody.create(MediaType.
parse("text/plain"), idPembimbing);
181         RequestBody requestFile = RequestBody.create(MediaType.
parse("multipart/form-data"), file);
182         MultipartBody.Part mFotoPembimbing = MultipartBody.Part.
createFormData("foto", file.getName(), requestFile);
183
184         Call<ResponseInfo> call = mApiInterface.
pembimbingUbahFoto(mIdPembimbing, mFotoPembimbing);
185         call.enqueue(new Callback<ResponseInfo>() {
186             @Override
187             public void onResponse(Call<ResponseInfo> call ,
Response<ResponseInfo> response) {
188                 progressDialog.dismiss();
189                 Toast.makeText(getApplicationContext(), response.
body().getMessage(), Toast.LENGTHLONG).show();
190                 if (response.body().getStatus().equals("200")) {
191                     Login login = pref.getPembimbing();
192                     login.setFotoPembimbing(namaFile);
193                     pref.pembimbingLogin(login);
194                     recreate();
195                 }
196             }
197             @Override
198             public void onFailure(Call<ResponseInfo> call ,
Throwable t) {
199                 progressDialog.dismiss();
200                 Toast.makeText(getApplicationContext(), "Error :
"+t.getMessage(), Toast.LENGTHLONG).show();
201             }
202         });
203     } else {
204         progressDialog.dismiss();
205         Toast.makeText(getApplicationContext(), "Something empty"
, Toast.LENGTHLONG).show();

```

```

206     }
207 }
208
209 private void menuDialog () {
210     CharSequence[] menu = {"Camera", "Select Photo"};
211     AlertDialog.Builder dialog = new AlertDialog.Builder(this)
212         .setItems(menu, (dialogInterface, i) -> {
213             switch (i) {
214                 case 0:
215                     EasyImage.openCamera(this, REQUEST_IMAGE)
216                     ;
217                     break;
218                 case 1:
219                     EasyImage.openChooserWithGallery(this, "
220 Choose Picture", REQUEST_PHOTO);
221                     break;
222             }
223         });
224     dialog.create();
225     dialog.show();
226 }
227 }

```

```

1 <?xml version="1.0" encoding="utf-8"?>
2 <ScrollView xmlns:android="http://schemas.android.com/apk/res/android"
3     xmlns:tools="http://schemas.android.com/tools"
4     android:layout_width="match_parent"
5     android:layout_height="match_parent"
6     xmlns:mapbox="http://schemas.android.com/apk/res-auto"
7     tools:context=".activity.RegisterActivity">
8
9     <LinearLayout
10         android:id="@+id/linearLayout"
11         android:layout_width="match_parent"
12         android:layout_height="0dp"
13         android:background="@android:color/white"
14         android:focusable="true"
15         android:focusableInTouchMode="true"
16         android:orientation="vertical">
17
18         <FrameLayout
19             android:id="@+id/fl_camera"
20             android:layout_width="match_parent"
21             android:layout_height="300dp">
22
23             <com.mapbox.mapboxsdk.maps.MapView
24                 android:id="@+id/mapView"
25                 android:layout_width="match_parent"
26                 mapbox:mapbox_cameraZoom="16"
27                 android:layout_height="match_parent" />
28
29         </FrameLayout>
30
31         <LinearLayout
32             android:layout_width="match_parent"

```

```

33     android:layout_height="wrap_content"
34     android:orientation="vertical"
35     android:layout_margin="12dp">
36
37     <ImageView
38         android:layout_width="40dp"
39         android:layout_height="40dp"
40         android:src="@drawable/ic_info_outline_black"
41         android:layout_gravity="center"/>
42
43     <TextView
44         android:layout_width="match_parent"
45         android:layout_height="wrap_content"
46         android:text="Pastikan Anda melakukan proses
registrasi ketika Anda berada di perusahaan agar lebih mudah
melakukan validasi terhadap anak didik kami."
47         android:gravity="center"
48         android:textSize="16sp"
49         android:layout_margin="10dp"/>
50
51     <TextView
52         android:layout_width="match_parent"
53         android:layout_height="wrap_content"
54         android:text="Nama Pembimbing"
55         android:layout_marginTop="20dp"/>
56
57     <EditText
58         android:id="@+id/et_nama"
59         android:layout_width="match_parent"
60         android:layout_height="wrap_content"
61         android:layout_marginVertical="8dp"
62         android:paddingHorizontal="10dp"
63         android:paddingVertical="10dp"
64         android:background="@drawable/custom_edittext"/>
65
66     <TextView
67         android:layout_width="match_parent"
68         android:layout_height="wrap_content"
69         android:text="Kontak Pembimbing"
70         android:layout_marginTop="10dp"/>
71
72     <EditText
73         android:id="@+id/et_kontak"
74         android:layout_width="match_parent"
75         android:layout_height="wrap_content"
76         android:layout_marginVertical="8dp"
77         android:paddingHorizontal="10dp"
78         android:paddingVertical="10dp"
79         android:background="@drawable/custom_edittext"/>
80
81     <TextView
82         android:layout_width="match_parent"
83         android:layout_height="wrap_content"
84         android:text="Nama Perusahaan"
85         android:layout_marginTop="10dp"/>
86

```



```
<EditText
    android:id="@+id/et_perusahaan"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginVertical="8dp"
    android:paddingHorizontal="10dp"
    android:paddingVertical="10dp"
    android:background="@drawable/custom_edittext"/>

<TextView
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:text="Username"
    android:layout_marginTop="10dp"/>

<EditText
    android:id="@+id/et_username"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginVertical="8dp"
    android:paddingHorizontal="10dp"
    android:paddingVertical="10dp"
    android:background="@drawable/custom_edittext"/>

<TextView
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:text="Password"
    android:layout_marginTop="10dp"/>

<EditText
    android:id="@+id/et_password"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginVertical="8dp"
    android:paddingHorizontal="10dp"
    android:paddingVertical="10dp"
    android:inputType="textPassword"
    android:background="@drawable/custom_edittext"/>

<TextView
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:text="Konfirmasi Password"
    android:layout_marginTop="10dp"/>

<EditText
    android:id="@+id/et_cpassword"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginVertical="8dp"
    android:paddingHorizontal="10dp"
    android:paddingVertical="10dp"
    android:inputType="textPassword"
    android:background="@drawable/custom_edittext"/>
```

```

143         <Button
144             android:id="@+id/btn_save"
145             android:layout_width="match_parent"
146             android:layout_height="wrap_content"
147             android:text="Registrasi"
148             android:layout_marginVertical="12dp"
149             android:textColor="@android:color/white"
150             android:background="@color/colorPrimaryDark"/>
151
152     </LinearLayout>
153
154 </LinearLayout>
155
156 </ScrollView>

```

```

1 package com.divakrishnam.actspotpembimbingeksternal.activity;
2
3 import androidx.annotation.NonNull;
4 import androidx.appcompat.app.AppCompatActivity;
5 import androidx.core.app.ActivityCompat;
6 import androidx.core.content.ContextCompat;
7
8 import android.Manifest;
9 import android.app.ProgressDialog;
10 import android.content.Context;
11 import android.content.Intent;
12 import android.content.pm.PackageManager;
13 import android.graphics.BitmapFactory;
14 import android.location.Location;
15 import android.location.LocationListener;
16 import android.location.LocationManager;
17 import android.os.Bundle;
18 import android.util.Log;
19 import android.view.View;
20 import android.widget.Button;
21 import android.widget.EditText;
22 import android.widget.Toast;
23
24 import com.divakrishnam.actspotpembimbingeksternal.R;
25 import com.divakrishnam.actspotpembimbingeksternal.api.APIClient;
26 import com.divakrishnam.actspotpembimbingeksternal.api.APIService;
27 import com.divakrishnam.actspotpembimbingeksternal.model.ResponseInfo
28 ;
29 import com.divakrishnam.actspotpembimbingeksternal.util.
    SharedPrefManager;
30 import com.mapbox.android.core.permissions.PermissionsListener;
31 import com.mapbox.android.core.permissions.PermissionsManager;
32 import com.mapbox.mapboxsdk.Mapbox;
33 import com.mapbox.mapboxsdk.location.LocationComponent;
34 import com.mapbox.mapboxsdk.location.
    LocationComponentActivationOptions;
35 import com.mapbox.mapboxsdk.location.modes.CameraMode;
36 import com.mapbox.mapboxsdk.location.modes.RenderMode;
37 import com.mapbox.mapboxsdk.maps.MapView;
38 import com.mapbox.mapboxsdk.maps.MapboxMap;
39 import com.mapbox.mapboxsdk.maps.OnMapReadyCallback;

```

```

39 import com.mapbox.mapboxsdk.maps.Style;
40
41 import java.util.List;
42
43 import retrofit2.Call;
44 import retrofit2.Callback;
45 import retrofit2.Response;
46
47 public class RegisterActivity extends AppCompatActivity implements
    OnMapReadyCallback, LocationListener, PermissionsListener, View.
    OnClickListener {
48
49     private PermissionsManager permissionsManager;
50     private MapboxMap mapboxMap;
51     private MapView mapView;
52
53     private String latitude = "";
54     private String longitude = "";
55     private LocationManager locationManager;
56
57     private APIService mApiInterface;
58     private SharedPreferences pref;
59
60     private EditText etNama, etKontak, etPerusahaan, etUsername,
    etPassword, etCPassword;
61     private Button btnSave;
62
63     @Override
64     protected void onCreate(Bundle savedInstanceState) {
65         super.onCreate(savedInstanceState);
66
67         if (ContextCompat.checkSelfPermission(getApplicationContext(),
    android.Manifest.permission.ACCESS_FINE_LOCATION) !=
    PackageManager.PERMISSION_GRANTED && ActivityCompat.
    checkSelfPermission(getApplicationContext(), android.Manifest.
    permission.ACCESS_COARSE_LOCATION) != PackageManager.
    PERMISSION_GRANTED) {
68             ActivityCompat.requestPermissions(this, new String[]{
    android.Manifest.permission.ACCESS_FINE_LOCATION, android.
    Manifest.permission.ACCESS_COARSE_LOCATION}, 100);
69         }
70
71         Mapbox.getInstance(this, getString(R.string.access_token));
72         setContentView(R.layout.activity_register);
73         mapView = findViewById(R.id.mapView);
74         mapView.onCreate(savedInstanceState);
75         mapView.getMapAsync(this);
76
77         etNama = findViewById(R.id.et_nama);
78         etKontak = findViewById(R.id.et_kontak);
79         etPerusahaan = findViewById(R.id.et_perusahaan);
80         etUsername = findViewById(R.id.et_username);
81         etPassword = findViewById(R.id.et_password);
82         etCPassword = findViewById(R.id.et_cpassword);
83         btnSave = findViewById(R.id.btn_save);
84

```

```

85     btnSave.setOnClickListener(this);
86
87     pref = SharedPreferences.getInstance(getApplicationContext());
88     mApiInterface = APIClient.getClient().create(APIService.class);
89
90     getLocation();
91 }
92
93 private void registerPembimbing() {
94     String nama = etNama.getText().toString();
95     String kontak = etKontak.getText().toString();
96     String perusahaan = etPerusahaan.getText().toString();
97     String username = etUsername.getText().toString();
98     String password = etPassword.getText().toString();
99     String cPassword = etCPassword.getText().toString();
100
101     boolean state = true;
102
103     if (password.equals(cPassword)) {
104         state = false;
105     }
106
107     Log.d("kiki", nama + kontak + perusahaan + username +
108 password + cPassword + latitude + longitude);
109
110     if (!nama.isEmpty() && !kontak.isEmpty() && !perusahaan.
111 isEmpty() && !username.isEmpty() && !password.isEmpty() && !
112 cPassword.isEmpty() && !state) {
113         final ProgressDialog progressDialog = new ProgressDialog(
114 this);
115         progressDialog.setMessage("Register...");
116         progressDialog.setCancelable(false);
117         progressDialog.show();
118
119         Call<ResponseInfo> call = mApiInterface.
120 pembimbingRegistrasi(nama, kontak, perusahaan, username, password
121 , latitude, longitude);
122         call.enqueue(new Callback<ResponseInfo>() {
123             @Override
124             public void onResponse(Call<ResponseInfo> call,
125 Response<ResponseInfo> response) {
126                 progressDialog.dismiss();
127                 Toast.makeText(getApplicationContext(), response.
128 body().getMessage(), Toast.LENGTH_LONG).show();
129                 if (response.body().getStatus().equals("200")) {
130                     finish();
131                 }
132             }
133         })
134
135         @Override
136         public void onFailure(Call<ResponseInfo> call,
137 Throwable t) {
138             progressDialog.dismiss();

```

```

129         Toast.makeText(getApplicationContext(), "Error :
130         " + t.getMessage(), Toast.LENGTH_LONG).show();
131     }
132 }
133 }
134
135 @Override
136 public void onClick(View view) {
137     if (view == btnSave) {
138         registerPembimbing();
139     }
140 }
141
142 @Override
143 public void onMapReady(@NonNull MapboxMap mapboxMap) {
144     RegisterActivity.this.mapboxMap = mapboxMap;
145     mapboxMap.getUiSettings().setAllGesturesEnabled(false);
146     mapboxMap.setStyle(new Style.Builder().fromUrl("mapbox://
147     styles/mapbox/cjf4m44iw0uza2spb3q0a7s41"),
148         this::enableLocationComponent);
149 }
150
151 @SuppressWarnings({"MissingPermission"})
152 private void enableLocationComponent(@NonNull Style
153 loadedMapStyle) {
154     if (PermissionsManager.areLocationPermissionsGranted(this)) {
155         LocationComponent locationComponent = mapboxMap.
156         getLocationComponent();
157         locationComponent.activateLocationComponent(
158             LocationComponentActivationOptions.builder(this,
159             loadedMapStyle).build());
160         locationComponent.setLocationComponentEnabled(true);
161         locationComponent.setCameraMode(CameraMode.TRACKING);
162         locationComponent.setRenderMode(RenderMode.COMPASS);
163     } else {
164         permissionsManager = new PermissionsManager(this);
165         permissionsManager.requestLocationPermissions(this);
166     }
167 }
168
169 @Override
170 public void onExplanationNeeded(List<String> permissionsToExplain) {
171     Toast.makeText(this, "Lala", Toast.LENGTH_LONG).show();
172 }
173
174 @Override
175 public void onPermissionResult(boolean granted) {
176     if (granted) {
177         mapboxMap.getStyle(style -> enableLocationComponent(style
178     ));
179     } else {
180         Toast.makeText(this, "Tidak dikasi", Toast.LENGTH_LONG).
181         show();
182         finish();
183     }
184 }

```

```

177     }
178 }
179
180 @Override
181 public void onRequestPermissionsResult(int requestCode, @NonNull
String[] permissions, @NonNull int[] grantResults) {
182     if (requestCode == 100) {
183         if (grantResults[0] == PackageManager.PERMISSION_GRANTED)
184         {
185             mapboxMap.getStyle(this::enableLocationComponent);
186             Toast.makeText(this, "Map permission granted", Toast.
LENGTHLONG).show();
187             getLocation();
188         } else {
189             Toast.makeText(this, "Map permission disgranted",
Toast.LENGTHLONG).show();
190         }
191     }
192 }
193
194 @Override
195 @SuppressWarnings({"MissingPermission"})
196 protected void onStart() {
197     super.onStart();
198     mapView.onStart();
199 }
200
201 @Override
202 protected void onResume() {
203     super.onResume();
204     mapView.onResume();
205 }
206
207 @Override
208 protected void onPause() {
209     super.onPause();
210     mapView.onPause();
211 }
212
213 @Override
214 protected void onStop() {
215     super.onStop();
216     mapView.onStop();
217 }
218
219 @Override
220 protected void onSaveInstanceState(Bundle outState) {
221     super.onSaveInstanceState(outState);
222     mapView.onSaveInstanceState(outState);
223 }
224
225 @Override
226 protected void onDestroy() {
227     super.onDestroy();
228     mapView.onDestroy();

```

```

229
230 @Override
231 public void onLowMemory() {
232     super.onLowMemory();
233     mapView.onLowMemory();
234 }
235
236 @Override
237 public void onLocationChanged(Location location) {
238     latitude = String.valueOf(location.getLatitude());
239     longitude = String.valueOf(location.getLongitude());
240 }
241
242 @Override
243 public void onStatusChanged(String s, int i, Bundle bundle) {
244
245 }
246
247 @Override
248 public void onProviderEnabled(String s) {
249
250 }
251
252 @Override
253 public void onProviderDisabled(String s) {
254     Toast.makeText(this, "Please Enable GPS and Internet", Toast.
LENGTH.SHORT).show();
255 }
256
257 private void getLocation() {
258     try {
259         locationManager = (LocationManager) getSystemService(
Context.LOCATION_SERVICE);
260         locationManager.requestLocationUpdates(LocationManager.
NETWORK.PROVIDER, 5000, 5, this);
261     } catch (SecurityException e) {
262         e.printStackTrace();
263     }
264 }
265 }

```

```

1 <?xml version="1.0" encoding="utf-8"?>
2 <LinearLayout xmlns:android="http://schemas.android.com/apk/res /
android"
3     xmlns:app="http://schemas.android.com/apk/res-auto"
4     xmlns:tools="http://schemas.android.com/tools"
5     android:layout_width="match_parent"
6     android:layout_height="match_parent"
7     android:orientation="vertical"
8     android:layout_marginHorizontal="12dp"
9     tools:context=". activity .TextActivity">
10
11 <TextView
12     android:id="@+id / tv_text"
13     android:layout_width="match_parent"
14     android:layout_height="wrap_content"

```

```

15         android:text="Teks"
16         android:layout_marginTop="10dp"/>
17
18     <EditText
19         android:id="@+id/et_text"
20         android:layout_width="match_parent"
21         android:layout_height="wrap_content"
22         android:layout_marginVertical="8dp"
23         android:paddingHorizontal="10dp"
24         android:paddingVertical="10dp"
25         android:background="@drawable/custom_edittext"/>
26
27     <Button
28         android:id="@+id/btn_savetext"
29         android:layout_width="match_parent"
30         android:layout_height="wrap_content"
31         android:text="Simpan"/>
32
33 </LinearLayout>

```

```

1 package com.divakrishnam.actspotpembimbingeksternal.activity;
2
3 import androidx.appcompat.app.AppCompatActivity;
4
5 import android.app.ProgressDialog;
6 import android.os.Bundle;
7 import android.util.Log;
8 import android.view.View;
9 import android.widget.Button;
10 import android.widget.EditText;
11 import android.widget.TextView;
12 import android.widget.Toast;
13
14 import com.divakrishnam.actspotpembimbingeksternal.R;
15 import com.divakrishnam.actspotpembimbingeksternal.api.APIClient;
16 import com.divakrishnam.actspotpembimbingeksternal.api.APIService;
17 import com.divakrishnam.actspotpembimbingeksternal.model.Login;
18 import com.divakrishnam.actspotpembimbingeksternal.model.ResponseInfo
19 ;
20 import com.divakrishnam.actspotpembimbingeksternal.util.
21     SharedPreferences;
22
23 import retrofit2.Call;
24 import retrofit2.Callback;
25 import retrofit2.Response;
26
27 public class TextActivity extends AppCompatActivity implements View.
28     OnClickListener {
29
30     public static final String EXTRA_NAMA = "extra_nama";
31     public static final String EXTRA_KONTAK = "extra_kontak";
32     public static final String EXTRA_USER = "extra_user";
33     public static final String EXTRA_PERUSAHAAN = "extra_perusahaan";
34
35     private TextView tvText;
36     private EditText etText;

```



```

34 private Button btnSave;
35
36 private String user, nama, kontak, perusahaan;
37
38 private SharedPreferences pref;
39 private ApiService mApiInterface;
40
41 @Override
42 protected void onCreate(Bundle savedInstanceState) {
43     super.onCreate(savedInstanceState);
44     setContentView(R.layout.activity_text);
45
46
47     tvText = findViewById(R.id.tv_text);
48     etText = findViewById(R.id.et_text);
49     btnSave = findViewById(R.id.btn_savetext);
50
51     pref = SharedPreferences.getInstance(getApplicationContext());
52
53     mApiInterface = APIClient.getClient().create(ApiService.class);
54
55     user = getIntent().getStringExtra(EXTRA_USER);
56     nama = getIntent().getStringExtra(EXTRA_NAMA);
57     kontak = getIntent().getStringExtra(EXTRA_KONTAK);
58     perusahaan = getIntent().getStringExtra(EXTRA_PERUSAHAAN);
59
60     if (user != null) {
61         tvText.setText("Username");
62         etText.setText(user);
63         etText.setSelection(user.length());
64     } else if (nama != null) {
65         tvText.setText("Nama");
66         etText.setText(nama);
67         etText.setSelection(nama.length());
68     } else if (kontak != null) {
69         tvText.setText("Kontak");
70         etText.setText(kontak);
71         etText.setSelection(kontak.length());
72     } else if (perusahaan != null) {
73         tvText.setText("Perusahaan");
74         etText.setText(perusahaan);
75         etText.setSelection(perusahaan.length());
76     }
77
78     btnSave.setOnClickListener(this);
79
80 @Override
81 public void onClick(View view) {
82     if (view == btnSave) {
83         if (user != null) {
84             saveUsername();
85         } else if (nama != null) {
86             saveNama();
87         } else if (kontak != null) {

```

```

88         saveKontak();
89     }else if (perusahaan!=null){
90         savePerusahaan();
91     }
92 }
93
94
95 private void savePerusahaan() {
96     final ProgressDialog progressDialog = new ProgressDialog(this
97 );
98     progressDialog.setMessage("Menyimpan data...");
99     progressDialog.setCancelable(false);
100    progressDialog.show();
101
102    String text = editText.getText().toString();
103    String idPembimbing = pref.getPembimbing().getIdPembimbing();
104
105    if (!text.isEmpty()){
106
107        Call<ResponseInfo> call = mApiInterface.
108        pembimbingUbahPerusahaan(idPembimbing, text);
109        call.enqueue(new Callback<ResponseInfo>() {
110            @Override
111            public void onResponse(Call<ResponseInfo> call,
112            Response<ResponseInfo> response) {
113                progressDialog.dismiss();
114                Toast.makeText(getApplicationContext(), response.
115                body().getMessage(), Toast.LENGTHLONG).show();
116                if(response.body().getStatus().equals("200")) {
117                    Login login = pref.getPembimbing();
118                    login.setNamaPerusahaan(text);
119                    pref.pembimbingLogin(login);
120                    finish();
121                }
122            }
123        })
124        @Override
125        public void onFailure(Call<ResponseInfo> call,
126        Throwable t) {
127            progressDialog.dismiss();
128            Toast.makeText(getApplicationContext(), "Error :
129            "+t.getMessage(), Toast.LENGTHLONG).show();
130        }
131    }else {
132        Toast.makeText(getApplicationContext(), "Field kosong",
133        Toast.LENGTHSHORT).show();
134        progressDialog.dismiss();
135    }
136 }
137
138 private void saveKontak() {
139     final ProgressDialog progressDialog = new ProgressDialog(this
140 );
141     progressDialog.setMessage("Menyimpan data...");
142     progressDialog.setCancelable(false);

```

```

136     progressDialog.show();
137
138     String text = etText.getText().toString();
139     String idPembimbing = pref.getPembimbing().getIdPembimbing();
140
141     if (!text.isEmpty()){
142
143         Call<ResponseInfo> call = mApiInterface.
144         pembimbingUbahKontak(idPembimbing, text);
145         call.enqueue(new Callback<ResponseInfo>() {
146             @Override
147             public void onResponse(Call<ResponseInfo> call,
148             Response<ResponseInfo> response) {
149                 progressDialog.dismiss();
150                 Toast.makeText(getApplicationContext(), response.
151                 body().getMessage(), Toast.LENGTHLONG).show();
152                 if (response.body().getStatus().equals("200")) {
153                     Login login = pref.getPembimbing();
154                     login.setKontakPembimbing(text);
155                     pref.pembimbingLogin(login);
156                     finish();
157                 }
158             }
159             @Override
160             public void onFailure(Call<ResponseInfo> call,
161             Throwable t) {
162                 progressDialog.dismiss();
163                 Toast.makeText(getApplicationContext(), "Error :
164                 "+t.getMessage(), Toast.LENGTHLONG).show();
165             }
166         });
167     } else {
168         Toast.makeText(getApplicationContext(), "Field kosong",
169         Toast.LENGTHSHORT).show();
170         progressDialog.dismiss();
171     }
172 }
173
174 private void saveNama() {
175     final ProgressDialog progressDialog = new ProgressDialog(this);
176     progressDialog.setMessage("Menyimpan data...");
177     progressDialog.setCancelable(false);
178     progressDialog.show();
179
180     String text = etText.getText().toString();
181     String idPembimbing = pref.getPembimbing().getIdPembimbing();
182
183     if (!text.isEmpty()){
184
185         Call<ResponseInfo> call = mApiInterface.
186         pembimbingUbahNama(idPembimbing, text);
187         call.enqueue(new Callback<ResponseInfo>() {
188             @Override

```

```

183         public void onResponse(Call<ResponseInfo> call ,
Response<ResponseInfo> response) {
184             progressDialog.dismiss();
185             Toast.makeText(getApplicationContext(), response.
body().getMessage(), Toast.LENGTHLONG).show();
186             if(response.body().getStatus().equals("200")) {
187                 Login login = pref.getPembimbing();
188                 login.setNamaPembimbing(text);
189                 pref.pembimbingLogin(login);
190                 finish();
191             }
192         }
193
194         @Override
195         public void onFailure(Call<ResponseInfo> call ,
Throwable t) {
196             progressDialog.dismiss();
197             Toast.makeText(getApplicationContext(), "Error :
"+t.getMessage(), Toast.LENGTHLONG).show();
198         }
199     });
200     } else {
201         Toast.makeText(getApplicationContext(), "Field kosong",
Toast.LENGTHSHORT).show();
202         progressDialog.dismiss();
203     }
204 }
205
206 private void saveUsername() {
207     final ProgressDialog progressDialog = new ProgressDialog(this
);
208     progressDialog.setMessage("Menyimpan data...");
209     progressDialog.setCancelable(false);
210     progressDialog.show();
211
212     String text = etText.getText().toString();
213     String idPembimbing = pref.getPembimbing().getIdPembimbing();
214
215     if (!text.isEmpty()){
216
217         Call<ResponseInfo> call = mApiInterface.
pembimbingUbahUsername(idPembimbing, text);
218         call.enqueue(new Callback<ResponseInfo>() {
219             @Override
220             public void onResponse(Call<ResponseInfo> call ,
Response<ResponseInfo> response) {
221                 progressDialog.dismiss();
222                 Toast.makeText(getApplicationContext(), response.
body().getMessage(), Toast.LENGTHLONG).show();
223                 if(response.body().getStatus().equals("200")) {
224                     Login login = pref.getPembimbing();
225                     login.setUsername(text);
226                     pref.pembimbingLogin(login);
227                     //Log.d("didi", login.getUsername()+" "+text)
;
228                     finish();

```

```

229     }
230     }
231
232     @Override
233     public void onFailure (Call<ResponseInfo> call ,
    Throwable t) {
234         progressDialog.dismiss();
235         Toast.makeText(getApplicationContext(), "Error :
    "+t.getMessage(), Toast.LENGTHLONG).show();
236     }
237     });
238 } else {
239     Toast.makeText(getApplicationContext(), "Field kosong",
    Toast.LENGTH.SHORT).show();
240     progressDialog.dismiss();
241 }
242 }
243 }

```

```

1 <?xml version="1.0" encoding="utf-8"?>
2 <androidx.cardview.widget.CardView xmlns:android="http://schemas.
    android.com/apk/res/android"
3     android:orientation="vertical"
4     android:layout_width="match_parent"
5     android:layout_height="wrap_content"
6     android:layout_marginVertical="5dp"
7     android:layout_marginHorizontal="10dp">
8
9     <LinearLayout
10         android:layout_width="match_parent"
11         android:layout_height="wrap_content"
12         android:orientation="horizontal"
13         android:padding="10dp">
14
15         <de.hdodenhof.circleimageview.CircleImageView
16             android:id="@+id/img_mahasiswa"
17             android:layout_width="80dp"
18             android:layout_height="80dp"
19             android:src="@drawable/profile"/>
20
21         <LinearLayout
22             android:layout_width="match_parent"
23             android:layout_height="wrap_content"
24             android:orientation="vertical"
25             android:layout_weight="1"
26             android:layout_margin="8dp"
27             android:layout_gravity="center_vertical">
28
29             <TextView
30                 android:id="@+id/tv_mahasiswa"
31                 android:layout_width="match_parent"
32                 android:layout_height="wrap_content"
33                 android:textStyle="bold"
34                 android:text="Kadek Diva Krishna Murti"/>
35
36             <TextView

```

```

37         android:id="@+id/tv_message"
38         android:layout_width="match_parent"
39         android:layout_height="wrap_content"
40         android:text="Makan"/>
41
42     </LinearLayout>
43
44     <Button
45         android:id="@+id/btn_confirm"
46         android:layout_width="45dp"
47         android:layout_height="wrap_content"
48         android:paddingHorizontal="10dp"
49         android:drawableLeft="@drawable/ic_done_white"
50         android:background="@color/colorPrimaryDark"
51         android:layout_gravity="center_vertical"/>
52
53 </LinearLayout>
54
55 </androidx.cardview.widget.CardView>

```

```

1 package com.divakrishnam.actspotpembimbingeksternal.adapter;
2
3 import android.app.ProgressDialog;
4 import android.content.Context;
5 import android.util.Log;
6 import android.view.LayoutInflater;
7 import android.view.View;
8 import android.view.ViewGroup;
9 import android.widget.Button;
10 import android.widget.ImageView;
11 import android.widget.TextView;
12 import android.widget.Toast;
13
14 import androidx.annotation.NonNull;
15 import androidx.recyclerview.widget.RecyclerView;
16
17 import com.bumptech.glide.Glide;
18 import com.divakrishnam.actspotpembimbingeksternal.R;
19 import com.divakrishnam.actspotpembimbingeksternal.api.APIClient;
20 import com.divakrishnam.actspotpembimbingeksternal.api.APIService;
21 import com.divakrishnam.actspotpembimbingeksternal.model.
    ConfirmAbsence;
22 import com.divakrishnam.actspotpembimbingeksternal.model.ResponseInfo
    ;
23 import com.divakrishnam.actspotpembimbingeksternal.util.
    SharedPreferences;
24 import com.divakrishnam.actspotpembimbingeksternal.util.Url;
25
26 import java.util.ArrayList;
27 import java.util.List;
28
29 import retrofit2.Call;
30 import retrofit2.Callback;
31 import retrofit2.Response;
32

```

```

33 public class ConfirmAbsenceAdapter extends RecyclerView.Adapter<
    ConfirmAbsenceAdapter.ConfirmAbsenceViewHolder> {
34     private List<ConfirmAbsence> mList;
35     private Context mContext;
36     private ConfirmAbsenceListener mListener;
37
38     public ConfirmAbsenceAdapter(Context context, List<ConfirmAbsence>
    > list, ConfirmAbsenceListener listener) {
39         mContext = context;
40         mList = list;
41         mListener = listener;
42     }
43
44     @NonNull
45     @Override
46     public ConfirmAbsenceViewHolder onCreateViewHolder(@NonNull
    ViewGroup parent, int viewType) {
47         View mView = LayoutInflater.from(parent.getContext()).inflate
    (R.layout.item_confirm_notification, parent, false);
48         ConfirmAbsenceViewHolder mViewHolder = new
    ConfirmAbsenceViewHolder(mView);
49         return mViewHolder;
50     }
51
52     @Override
53     public void onBindViewHolder(@NonNull ConfirmAbsenceViewHolder
    holder, int position) {
54         final ConfirmAbsence confirmAbsence = mList.get(position);
55
56         holder.tvMahasiswa.setText(confirmAbsence.getNamaMahasiswa());
57
58         ;
59         holder.tvMessage.setText(confirmAbsence.getTglWaktu()+"\n"+
    confirmAbsence.getKegiatan());
60         Glide.with(mContext).load(Urls.IMAGE_URL+"mahasiswa/"+
    confirmAbsence.getFotoMahasiswa()).error(R.drawable.profile).into
    (holder.ivMahasiswa);
61         holder.btnConfirm.setOnClickListener(view -> confirmAbsence(
    confirmAbsence, position));
62     }
63
64     @Override
65     public int getItemCount() {
66         return mList.size();
67     }
68
69     public class ConfirmAbsenceViewHolder extends RecyclerView.
    ViewHolder {
70
71         ImageView ivMahasiswa;
72         TextView tvMahasiswa, tvMessage;
73         Button btnConfirm;
74
75         public ConfirmAbsenceViewHolder(@NonNull View itemView) {
76             super(itemView);
77
78             ivMahasiswa = itemView.findViewById(R.id.img_mahasiswa);

```

```

77         tvMahasiswa = itemView.findViewById(R.id.tv_mahasiswa);
78         tvMessage = itemView.findViewById(R.id.tv_message);
79         btnConfirm = itemView.findViewById(R.id.btn_confirm);
80     }
81 }
82
83 private void confirmAbsence(ConfirmAbsence confirmAbsence, int
position) {
84     final ProgressDialog progressDialog = new ProgressDialog(
mContext);
85     progressDialog.setMessage("Konfirmasi data...");
86     progressDialog.setCancelable(false);
87     progressDialog.show();
88
89
90     ApiService mApiInterface = APIClient.getClient().create(
APIService.class);
91     SharedPreferences pref = SharedPreferences.getInstance(
mContext);
92
93     Call<ResponseInfo> call = mApiInterface.
pembimbingKonfirmAbsensi(pref.getPembimbing().getIdPembimbing(),
confirmAbsence.getIdMahasiswa(), confirmAbsence.getIdIntern(),
confirmAbsence.getIdDosen(), confirmAbsence.getIdAbsensi());
94     call.enqueue(new Callback<ResponseInfo>() {
95         @Override
96         public void onResponse(Call<ResponseInfo> call, Response<
ResponseInfo> response) {
97             progressDialog.dismiss();
98             Toast.makeText(mContext, response.body().getMessage()
, Toast.LENGTH_LONG).show();
99             if(response.body().getStatus().equals("200")){
100                 mList.remove(position);
101                 mListener.onConfirmAbsence();
102             }
103         }
104     }
105
106     @Override
107     public void onFailure(Call<ResponseInfo> call, Throwable
t) {
108         progressDialog.dismiss();
109         Toast.makeText(mContext, "Error : "+t.getMessage(),
Toast.LENGTH_LONG).show();
110     }
111 }
112
113 public interface ConfirmAbsenceListener {
114     void onConfirmAbsence();
115 }
116 }

```

```

1 <?xml version="1.0" encoding="utf-8"?>
2 <androidx.cardview.widget.CardView xmlns:android="http://schemas.
android.com/apk/res/android"
3     android:orientation="vertical"

```



```

4     android:layout_width="match_parent"
5     android:layout_height="wrap_content"
6     android:layout_marginVertical="5dp"
7     android:layout_marginHorizontal="10dp">
8
9     <LinearLayout
10        android:layout_width="match_parent"
11        android:layout_height="wrap_content"
12        android:orientation="horizontal"
13        android:padding="10dp">
14
15        <de.hdodenhof.circleimageview.CircleImageView
16            android:id="@+id/img_mahasiswa"
17            android:layout_width="80dp"
18            android:layout_height="80dp"
19            android:src="@drawable/profile"/>
20
21        <LinearLayout
22            android:layout_width="match_parent"
23            android:layout_height="wrap_content"
24            android:orientation="vertical"
25            android:layout_weight="1"
26            android:layout_margin="8dp"
27            android:layout_gravity="center_vertical">
28
29            <TextView
30                android:id="@+id/tv_mahasiswa"
31                android:layout_width="match_parent"
32                android:layout_height="wrap_content"
33                android:textStyle="bold"
34                android:text="Kadek Diva Krishna Murti"/>
35
36            <TextView
37                android:id="@+id/tv_message"
38                android:layout_width="match_parent"
39                android:layout_height="wrap_content"
40                android:text="Makan"/>
41
42        </LinearLayout>
43
44        <Button
45            android:id="@+id/btn_confirm"
46            android:layout_width="45dp"
47            android:layout_height="wrap_content"
48            android:paddingHorizontal="10dp"
49            android:drawableLeft="@drawable/ic_done_white"
50            android:background="@color/colorPrimaryDark"
51            android:layout_gravity="center_vertical"/>
52
53    </LinearLayout>
54
55 </androidx.cardview.widget.CardView>

```

```

1 package com.divakrishnam.actspotpembimbingeksternal.adapter;
2
3 import android.app.AlertDialog;

```

```

4 import android.content.Context;
5 import android.view.LayoutInflater;
6 import android.view.View;
7 import android.view.ViewGroup;
8 import android.widget.Button;
9 import android.widget.ImageView;
10 import android.widget.TextView;
11 import android.widget.Toast;
12
13 import androidx.annotation.NonNull;
14 import androidx.recyclerview.widget.RecyclerView;
15
16 import com.bumptech.glide.Glide;
17 import com.divakrishnam.actspotpembimbingeksternal.R;
18 import com.divakrishnam.actspotpembimbingeksternal.api.APIClient;
19 import com.divakrishnam.actspotpembimbingeksternal.api.APIService;
20 import com.divakrishnam.actspotpembimbingeksternal.model.
    ConfirmMahasiswa;
21 import com.divakrishnam.actspotpembimbingeksternal.model.ResponseInfo
    ;
22 import com.divakrishnam.actspotpembimbingeksternal.util.
    SharedPreferences;
23 import com.divakrishnam.actspotpembimbingeksternal.util.Url;
24
25 import java.util.List;
26
27 import retrofit2.Call;
28 import retrofit2.Callback;
29 import retrofit2.Response;
30
31 public class ConfirmMahasiswaAdapter extends RecyclerView.Adapter<
    ConfirmMahasiswaAdapter.ConfirmMahasiswaViewHolder> {
32     private List<ConfirmMahasiswa> mList;
33     private Context mContext;
34     private ConfirmMahasiswaListener mListener;
35
36     public ConfirmMahasiswaAdapter(Context context, List<
    ConfirmMahasiswa> list, ConfirmMahasiswaListener listener) {
37         mContext = context;
38         mList = list;
39         mListener = listener;
40     }
41
42     @NonNull
43     @Override
44     public ConfirmMahasiswaViewHolder onCreateViewHolder(@NonNull
    ViewGroup parent, int viewType) {
45         View mView = LayoutInflater.from(parent.getContext()).inflate
    (R.layout.item_confirm_notification, parent, false);
46         ConfirmMahasiswaViewHolder mViewHolder = new
    ConfirmMahasiswaViewHolder(mView);
47         return mViewHolder;
48     }
49
50     @Override

```

```

51 public void onBindViewHolder(@NonNull ConfirmMahasiswaViewHolder
holder, int position) {
52     final ConfirmMahasiswa confirmMahasiswa = mList.get(position)
;
53
54     holder.tvMahasiswa.setText(confirmMahasiswa.getNamaMahasiswa
());
55     holder.tvMessage.setText(confirmMahasiswa.getNamaProdi());
56     Glide.with(mContext).load(Urls.IMAGE_URL+"mahasiswa/"+
confirmMahasiswa.getFotoMahasiswa()).error(R.drawable.profile).
into(holder.ivMahasiswa);
57
58     holder.btnConfirm.setOnClickListener(view -> confirmAbsence(
confirmMahasiswa, position));
59 }
60
61 @Override
62 public int getItemCount() {
63     return mList.size();
64 }
65
66 public class ConfirmMahasiswaViewHolder extends RecyclerView.
ViewHolder {
67
68     ImageView ivMahasiswa;
69     TextView tvMahasiswa, tvMessage;
70     Button btnConfirm;
71
72     public ConfirmMahasiswaViewHolder(@NonNull View itemView) {
73         super(itemView);
74
75         ivMahasiswa = itemView.findViewById(R.id.img_mahasiswa);
76         tvMahasiswa = itemView.findViewById(R.id.tv_mahasiswa);
77         tvMessage = itemView.findViewById(R.id.tv_message);
78         btnConfirm = itemView.findViewById(R.id.btn_confirm);
79     }
80 }
81
82 private void confirmAbsence(ConfirmMahasiswa confirmMahasiswa,
int position) {
83     final ProgressDialog progressDialog = new ProgressDialog(
mContext);
84     progressDialog.setMessage("Konfirmasi data...");
85     progressDialog.setCancelable(false);
86     progressDialog.show();
87
88
89     ApiService mApiInterface = APIClient.getClient().create(
ApiService.class);
90     SharedPreferences pref = SharedPreferences.getInstance(
mContext);
91
92     Call<ResponseInfo> call = mApiInterface.
pembimbingKonfirmMahasiswa(pref.getPembimbing().getIdPembimbing(),
confirmMahasiswa.getIdMahasiswa(), confirmMahasiswa.getIdIntern
(), confirmMahasiswa.getIdDosen());

```

```

93         call.enqueue(new Callback<ResponseInfo>() {
94             @Override
95             public void onResponse(Call<ResponseInfo> call, Response<
ResponseInfo> response) {
96                 progressDialog.dismiss();
97                 Toast.makeText(mContext, response.body().getMessage(),
, Toast.LENGTH_LONG).show();
98                 if(response.body().getStatus().equals("200")){
99                     mList.remove(position);
100                     mListener.onConfirmMahasiswa();
101                 }
102             }
103
104             @Override
105             public void onFailure(Call<ResponseInfo> call, Throwable
t) {
106                 progressDialog.dismiss();
107                 Toast.makeText(mContext, "Error : "+t.getMessage(),
Toast.LENGTH_LONG).show();
108             }
109         });
110     }
111
112     public interface ConfirmMahasiswaListener {
113         void onConfirmMahasiswa();
114     }
115 }

```

```

1 <?xml version="1.0" encoding="utf-8"?>
2 <androidx.cardview.widget.CardView xmlns:android="http://schemas.
android.com/apk/res/android"
3     android:orientation="vertical"
4     android:layout_width="match_parent"
5     android:layout_height="wrap_content"
6     android:layout_marginVertical="5dp"
7     android:layout_marginHorizontal="10dp">
8
9     <LinearLayout
10         android:layout_width="match_parent"
11         android:layout_height="wrap_content"
12         android:orientation="horizontal"
13         android:padding="10dp">
14
15         <de.hdodenhof.circleimageview.CircleImageView
16             android:id="@+id/img_mahasiswa"
17             android:layout_width="80dp"
18             android:layout_height="80dp"
19             android:src="@drawable/profile"/>
20
21         <LinearLayout
22             android:layout_width="match_parent"
23             android:layout_height="wrap_content"
24             android:orientation="vertical"
25             android:layout_gravity="center_vertical"
26             android:layout_margin="12dp">
27

```

```

28         <TextView
29             android:id="@+id/tv_mahasiswa"
30             android:layout_width="match_parent"
31             android:layout_height="wrap_content"
32             android:textStyle="bold"
33             android:text="Kadek Diva Krishna Murti"/>
34
35         <TextView
36             android:id="@+id/tv_angkatan"
37             android:layout_width="match_parent"
38             android:layout_height="wrap_content"
39             android:text="2017"/>
40
41     </LinearLayout>
42
43 </LinearLayout>
44
45 </androidx.cardview.widget.CardView>

```

```

1 package com.divakrishnam.actspotpembimbingeksternal.adapter;
2
3 import android.content.Context;
4 import android.content.Intent;
5 import android.view.LayoutInflater;
6 import android.view.View;
7 import android.view.ViewGroup;
8 import android.widget.ImageView;
9 import android.widget.TextView;
10
11 import androidx.annotation.NonNull;
12 import androidx.recyclerview.widget.RecyclerView;
13
14 import com.bumptech.glide.Glide;
15 import com.divakrishnam.actspotpembimbingeksternal.R;
16 import com.divakrishnam.actspotpembimbingeksternal.activity.
    DetailMahasiswaActivity;
17 import com.divakrishnam.actspotpembimbingeksternal.model.Mahasiswa;
18 import com.divakrishnam.actspotpembimbingeksternal.util.Url;
19
20 import java.util.List;
21
22 public class MahasiswaAdapter extends RecyclerView.Adapter<
    MahasiswaAdapter.MahasiswaViewHolder> {
23     private List<Mahasiswa> mList;
24     private Context mContext;
25
26     public MahasiswaAdapter(Context context, List<Mahasiswa> list){
27         mContext = context;
28         mList = list;
29     }
30
31     @NonNull
32     @Override
33     public MahasiswaViewHolder onCreateViewHolder(@NonNull ViewGroup
        parent, int viewType) {

```

```

34     View mView = LayoutInflater.from(parent.getContext()).inflate
(R.layout.item_mahasiswa, parent, false);
35     MahasiswaViewHolder mViewHolder = new MahasiswaViewHolder(
mView);
36     return mViewHolder;
37 }
38
39 @Override
40 public void onBindViewHolder(@NonNull MahasiswaViewHolder holder,
    int position) {
41     final Mahasiswa mahasiswa = mList.get(position);
42
43     holder.tvMahasiswa.setText(mahasiswa.getNamaMahasiswa());
44     holder.tvAngkatan.setText(mahasiswa.getAngkatanMahasiswa());
45     Glide.with(mContext).load(Urls.IMAGE_URL+"mahasiswa/"+
mahasiswa.getFotoMahasiswa()).error(R.drawable.profile).into(
holder.ivMahasiswa);
46
47     holder.itemView.setOnClickListener(view -> {
48         Intent intent = new Intent(mContext,
DetailMahasiswaActivity.class);
49         intent.putExtra(DetailMahasiswaActivity.EXTRA_MAHASISWA,
mahasiswa);
50         mContext.startActivity(intent);
51     });
52 }
53
54 @Override
55 public int getItemCount() {
56     return mList.size();
57 }
58
59 public class MahasiswaViewHolder extends RecyclerView.ViewHolder
{
60
61     ImageView ivMahasiswa;
62     TextView tvMahasiswa, tvAngkatan;
63
64     public MahasiswaViewHolder(@NonNull View itemView) {
65         super(itemView);
66
67         ivMahasiswa = itemView.findViewById(R.id.img_mahasiswa);
68         tvMahasiswa = itemView.findViewById(R.id.tv_mahasiswa);
69         tvAngkatan = itemView.findViewById(R.id.tv_angkatan);
70     }
71 }
72 }

```

```

1 <?xml version="1.0" encoding="utf-8"?>
2 <androidx.cardview.widget.CardView xmlns:android="http://schemas.
    android.com/apk/res/android"
3     android:orientation="vertical"
4     android:layout_width="match-parent"
5     android:layout_height="wrap-content"
6     android:layout_marginHorizontal="10dp"
7     android:layout_marginVertical="5dp">

```

```

8
9      <LinearLayout
10          android:layout_width="match_parent"
11          android:layout_height="wrap_content"
12          android:orientation="vertical"
13          android:layout_margin="12dp">
14
15          <TextView
16              android:id="@+id/tv_message"
17              android:layout_width="match_parent"
18              android:layout_height="wrap_content"
19              android:text="Pesanan." />
20
21          <TextView
22              android:id="@+id/tv_time"
23              android:layout_width="match_parent"
24              android:layout_height="wrap_content"
25              android:textStyle="bold"
26              android:textSize="12sp"
27              android:layout_marginTop="4dp"
28              android:text="2019-12-12 18:00:00" />
29
30      </LinearLayout>
31
32 </androidx.cardview.widget.CardView>

```

```

1 package com.divakrishnam.actspotpembimbingeksternal.adapter;
2
3 import android.content.Context;
4 import android.view.LayoutInflater;
5 import android.view.View;
6 import android.view.ViewGroup;
7 import android.widget.ImageView;
8 import android.widget.TextView;
9
10 import androidx.annotation.NonNull;
11 import androidx.recyclerview.widget.RecyclerView;
12
13 import com.bumptech.glide.Glide;
14 import com.divakrishnam.actspotpembimbingeksternal.R;
15 import com.divakrishnam.actspotpembimbingeksternal.model.Notification
16     ;
17 import java.util.List;
18
19 public class NotificationAdapter extends RecyclerView.Adapter<
20     NotificationAdapter.NotificationViewHolder> {
21     private List<Notification> mList;
22     private Context mContext;
23
24     public NotificationAdapter(Context context, List<Notification>
25         list){
26         mContext = context;
27         mList = list;
28     }

```

```

28     @NonNull
29     @Override
30     public NotificationViewHolder onCreateViewHolder(@NonNull
    ViewGroup parent, int viewType) {
31         View mView = LayoutInflater.from(parent.getContext()).inflate
    (R.layout.item_notification, parent, false);
32         NotificationViewHolder mViewHolder = new
    NotificationViewHolder(mView);
33         return mViewHolder;
34     }
35
36     @Override
37     public void onBindViewHolder(@NonNull NotificationViewHolder
    holder, int position) {
38         final Notification notification = mList.get(position);
39
40         holder.tvTime.setText(notification.getTglWaktu());
41         holder.tvMessage.setText(notification.getPesan());
42     }
43
44     @Override
45     public int getItemCount() {
46         return mList.size();
47     }
48
49     public class NotificationViewHolder extends RecyclerView.
    ViewHolder {
50         TextView tvTime, tvMessage;
51
52         public NotificationViewHolder(@NonNull View itemView) {
53             super(itemView);
54
55             tvTime = itemView.findViewById(R.id.tv_time);
56             tvMessage = itemView.findViewById(R.id.tv_message);
57         }
58     }
59 }

```

```

1 package com.divakrishnam.actspotpembimbingeksternal.adapter;
2
3 import android.content.Context;
4
5 import androidx.annotation.NonNull;
6 import androidx.annotation.Nullable;
7 import androidx.fragment.app.Fragment;
8 import androidx.fragment.app.FragmentManager;
9 import androidx.fragment.app.FragmentPagerAdapter;
10 import androidx.fragment.app.FragmentStatePagerAdapter;
11
12 import com.divakrishnam.actspotpembimbingeksternal.fragment.
    AbsenceConfirmFragment;
13 import com.divakrishnam.actspotpembimbingeksternal.fragment.
    MahasiswaConfirmFragment;
14
15 public class PageAdapter extends FragmentPagerAdapter {
16

```



```

17 public PageAdapter(FragmentManager fm) {
18     super(fm);
19 }
20
21 @Override
22 public Fragment getItem(int i) {
23     switch (i){
24         case 0:
25             return new AbsenceConfirmFragment();
26         case 1:
27             return new MahasiswaConfirmFragment();
28     }
29     return null;
30 }
31
32 @Override
33 public int getCount() {
34     return 2;
35 }
36
37 @Nullable
38 @Override
39 public CharSequence getPageTitle(int position) {
40     switch (position){
41         case 0:
42             return "Absensi";
43         case 1:
44             return "Mahasiswa";
45     }
46     return super.getPageTitle(position);
47 }
48 }

```

```

1 <RelativeLayout xmlns:android="http://schemas.android.com/apk/res /
  android"
2     xmlns:tools="http://schemas.android.com/tools"
3     android:layout_width="match_parent"
4     android:layout_height="match_parent"
5     tools:context=".fragment.">
6
7     <ProgressBar
8         android:id="@+id/pb_progress"
9         style="?android:attr/progressBarStyle"
10        android:layout_width="wrap_content"
11        android:layout_height="wrap_content"
12        android:layout_centerHorizontal="true"
13        android:layout_centerVertical="true"
14        android:maxWidth="30dp"
15        android:maxHeight="30dp"
16        android:minWidth="30dp"
17        android:minHeight="30dp"
18        android:visibility="gone" />
19
20     <TextView
21         android:id="@+id/tv_error"
22         android:layout_width="wrap_content"

```

```

23         android:layout_height="wrap_content"
24         android:layout_centerHorizontal="true"
25         android:layout_centerVertical="true"
26         android:text="Gagal memuat data"
27         android:visibility="gone"/>
28
29     <ScrollView
30         android:layout_width="match_parent"
31         android:layout_height="wrap_content"
32         android:layout_centerHorizontal="true">
33
34         <LinearLayout
35             android:layout_width="match_parent"
36             android:layout_height="wrap_content"
37             android:layout_marginBottom="80dp"
38             android:orientation="vertical">
39
40             <androidx.recyclerview.widget.RecyclerView
41                 android:id="@+id/rv_mahasiswa"
42                 android:layout_width="match_parent"
43                 android:layout_height="match_parent"
44                 android:scrollbars="vertical" />
45
46             </LinearLayout>
47
48         </ScrollView>
49
50 </RelativeLayout>

```

```

1 package com.divakrishnam.actspotpembimbingeksternal.fragment;
2
3
4 import android.os.Bundle;
5
6 import androidx.annotation.NonNull;
7 import androidx.annotation.Nullable;
8 import androidx.fragment.app.Fragment;
9 import androidx.recyclerview.widget.LinearLayoutManager;
10 import androidx.recyclerview.widget.RecyclerView;
11
12 import android.view.LayoutInflater;
13 import android.view.View;
14 import android.view.ViewGroup;
15 import android.widget.ProgressBar;
16 import android.widget.TextView;
17
18 import com.divakrishnam.actspotpembimbingeksternal.R;
19 import com.divakrishnam.actspotpembimbingeksternal.adapter.
    ConfirmAbsenceAdapter;
20 import com.divakrishnam.actspotpembimbingeksternal.api.APIClient;
21 import com.divakrishnam.actspotpembimbingeksternal.api.APIService;
22 import com.divakrishnam.actspotpembimbingeksternal.model.
    ConfirmAbsence;
23 import com.divakrishnam.actspotpembimbingeksternal.model.
    ResponseConfirmAbsence;

```

```

24 import com.divakrishnam.actspotpembimbingeksternal.util.
    SharedPrefManager;
25
26 import java.util.List;
27
28 import retrofit2.Call;
29 import retrofit2.Callback;
30 import retrofit2.Response;
31
32 public class AbsenceConfirmFragment extends Fragment implements
    ConfirmAbsenceAdapter.ConfirmAbsenceListener {
33
34     private RecyclerView rvMahasiswa;
35
36     private APIService mApiInterface;
37     private SharedPrefManager pref;
38
39     private ProgressBar pbProgress;
40     private TextView tvError;
41
42     private ConfirmAbsenceAdapter confirmAbsenceAdapter;
43
44     public AbsenceConfirmFragment() {
45     }
46
47
48     @Override
49     public View onCreateView(LayoutInflater inflater, ViewGroup
        container,
50
51         Bundle savedInstanceState) {
52
53         return inflater.inflate(R.layout.fragment_absence_confirm,
54             container, false);
55     }
56
57     @Override
58     public void onViewCreated(@NonNull View view, @Nullable Bundle
        savedInstanceState) {
59         super.onViewCreated(view, savedInstanceState);
60
61         pbProgress = view.findViewById(R.id.pb_progress);
62         rvMahasiswa = view.findViewById(R.id.rv_mahasiswa);
63         tvError = view.findViewById(R.id.tv_error);
64
65         pref = SharedPrefManager.getInstance(getContext());
66         mApiInterface = APIClient.getClient().create(APIService.class);
67     }
68
69     private void showAbsenceConfirm() {
70         showLoading(true);
71
72         String idPembimbing = pref.getPembimbing().getIdPembimbing();
73

```

```

74         rvMahasiswa.setLayoutManager(new LinearLayoutManager(
getContext()));
75
76         Call<ResponseConfirmAbsence> call = mApiInterface.
pembimbingListKonfirmAbsensi(idPembimbing);
77         call.enqueue(new Callback<ResponseConfirmAbsence>() {
78             @Override
79             public void onResponse(Call<ResponseConfirmAbsence> call,
Response<ResponseConfirmAbsence> response) {
80                 showLoading(false);
81                 if (response.body().getStatus().equals("200")){
82                     showConfirm(response.body().getData());
83                 } else {
84                     showMessage(true, response.body().getMessage());
85                 }
86             }
87
88             @Override
89             public void onFailure(Call<ResponseConfirmAbsence> call,
Throwable t) {
90                 showLoading(false);
91                 showMessage(true, t.getMessage());
92             }
93         });
94     }
95
96     private void showConfirm(List<ConfirmAbsence> data){
97         confirmAbsenceAdapter = new ConfirmAbsenceAdapter(getContext
(), data, this);
98         confirmAbsenceAdapter.notifyDataSetChanged();
99         rvMahasiswa.setAdapter(confirmAbsenceAdapter);
100        confirmAbsenceAdapter.notifyDataSetChanged();
101    }
102
103     private void showLoading(Boolean state) {
104         if (state) {
105             pbProgress.setVisibility(View.VISIBLE);
106         } else {
107             pbProgress.setVisibility(View.GONE);
108         }
109     }
110
111     private void showMessage(Boolean state, String message) {
112         if (state) {
113             tvError.setText(message);
114             tvError.setVisibility(View.VISIBLE);
115         } else {
116             tvError.setVisibility(View.GONE);
117         }
118     }
119
120     @Override
121     public void onConfirmAbsence() {
122         showAbsenceConfirm();
123     }
124

```

```

125     @Override
126     public void onResume() {
127         super.onResume();
128         // showAbsenceConfirm();
129     }
130 }

```

```

1 <?xml version="1.0" encoding="utf-8"?>
2 <LinearLayout xmlns:android="http://schemas.android.com/apk/res/
  android"
3     xmlns:tools="http://schemas.android.com/tools"
4     android:layout_width="match_parent"
5     android:layout_height="match_parent"
6     xmlns:app="http://schemas.android.com/apk/res-auto"
7     android:orientation="vertical"
8     tools:context=".fragment.ConfirmationFragment">
9
10    <com.google.android.material.tabs.TabLayout
11        android:id="@+id/tabLayout"
12        android:layout_width="match_parent"
13        android:layout_height="wrap_content"
14        android:background="@color/colorPrimary"
15        app:tabIndicatorColor="@android:color/white"
16        app:tabTextColor="@android:color/white"
17        app:tabMode="fixed"/>
18
19    <androidx.viewpager.widget.ViewPager
20        android:id="@+id/pager"
21        android:layout_width="match_parent"
22        android:layout_height="match_parent"/>
23
24 </LinearLayout>

```

```

1 package com.divakrishnam.actspotpembimbingeksternal.fragment;
2
3
4 import android.os.Bundle;
5
6 import androidx.annotation.NonNull;
7 import androidx.annotation.Nullable;
8 import androidx.appcompat.app.AppCompatActivity;
9 import androidx.fragment.app.Fragment;
10 import androidx.viewpager.widget.ViewPager;
11
12 import android.view.LayoutInflater;
13 import android.view.View;
14 import android.view.ViewGroup;
15
16 import com.divakrishnam.actspotpembimbingeksternal.R;
17 import com.divakrishnam.actspotpembimbingeksternal.activity.
    MainActivity;
18 import com.divakrishnam.actspotpembimbingeksternal.adapter.
    PageAdapter;
19 import com.google.android.material.tabs.TabLayout;
20
21 public class ConfirmationFragment extends Fragment{

```

```

22 private TabLayout tabLayout;
23
24 private ViewPager viewPager;
25
26
27 public ConfirmationFragment() {
28 }
29
30
31 @Override
32 public View onCreateView(LayoutInflater inflater, ViewGroup
33 container,
34                               Bundle savedInstanceState) {
35     ((MainActivity) getActivity()).setActionBarTitle("
36     Confirmation");
37     return inflater.inflate(R.layout.fragment_confirmation,
38                             container, false);
39 }
40
41 @Override
42 public void onViewCreated(@NonNull View view, @Nullable Bundle
43 savedInstanceState) {
44     super.onViewCreated(view, savedInstanceState);
45
46     ((AppCompatActivity) getActivity()).getSupportActionBar().
47     setElevation(0);
48     viewPager = view.findViewById(R.id.pager);
49     PageAdapter pageAdapter = new PageAdapter(
50     getChildFragmentManager());
51     viewPager.setAdapter(pageAdapter);
52
53     tabLayout = view.findViewById(R.id.tabLayout);
54     tabLayout.setupWithViewPager(viewPager);
55 }

```

```

1 <RelativeLayout xmlns:android="http://schemas.android.com/apk/res /
2     android"
3     xmlns:tools="http://schemas.android.com/tools"
4     android:layout_width="match_parent"
5     android:layout_height="match_parent"
6     tools:context=".fragment.">
7
8     <ProgressBar
9         android:id="@+id/pb_progress"
10        style="?android:attr/progressBarStyle"
11        android:layout_width="wrap_content"
12        android:layout_height="wrap_content"
13        android:layout_centerHorizontal="true"
14        android:layout_centerVertical="true"
15        android:maxWidth="30dp"
16        android:maxHeight="30dp"
17        android:minWidth="30dp"
18        android:minHeight="30dp"
19        android:visibility="gone" />

```

```

19
20 <TextView
21     android:id="@+id/tv_error"
22     android:layout_width="wrap_content"
23     android:layout_height="wrap_content"
24     android:layout_centerHorizontal="true"
25     android:layout_centerVertical="true"
26     android:text="Gagal memuat data"
27     android:visibility="gone"/>
28
29 <ScrollView
30     android:layout_width="match_parent"
31     android:layout_height="wrap_content"
32     android:layout_centerHorizontal="true">
33
34     <LinearLayout
35         android:layout_width="match_parent"
36         android:layout_height="wrap_content"
37         android:layout_marginBottom="80dp"
38         android:orientation="vertical">
39
40         <androidx.recyclerview.widget.RecyclerView
41             android:id="@+id/rv_mahasiswa"
42             android:layout_width="match_parent"
43             android:layout_height="match_parent"
44             android:scrollbars="vertical" />
45
46     </LinearLayout>
47
48 </ScrollView>
49
50 </RelativeLayout>

```

```

1 package com.divakrishnam.actspotpembimbingeksternal.fragment;
2
3
4 import android.os.Bundle;
5
6 import androidx.annotation.NonNull;
7 import androidx.annotation.Nullable;
8 import androidx.fragment.app.Fragment;
9 import androidx.recyclerview.widget.LinearLayoutManager;
10 import androidx.recyclerview.widget.RecyclerView;
11
12 import android.view.LayoutInflater;
13 import android.view.View;
14 import android.view.ViewGroup;
15 import android.widget.ProgressBar;
16 import android.widget.TextView;
17
18 import com.divakrishnam.actspotpembimbingeksternal.R;
19 import com.divakrishnam.actspotpembimbingeksternal.adapter.
    ConfirmMahasiswaAdapter;
20 import com.divakrishnam.actspotpembimbingeksternal.api.APIClient;
21 import com.divakrishnam.actspotpembimbingeksternal.api.APIService;

```

```

22 import com.divakrishnam.actspotpembimbingeksternal.model.
    ConfirmMahasiswa;
23 import com.divakrishnam.actspotpembimbingeksternal.model.
    ResponseConfirmMahasiswa;
24 import com.divakrishnam.actspotpembimbingeksternal.util.
    SharedPrefManager;
25
26 import java.util.List;
27
28 import retrofit2.Call;
29 import retrofit2.Callback;
30 import retrofit2.Response;
31
32 public class MahasiswaConfirmFragment extends Fragment implements
    ConfirmMahasiswaAdapter.ConfirmMahasiswaListener {
33
34     private RecyclerView rvMahasiswa;
35
36     private ApiService mApiInterface;
37     private SharedPrefManager pref;
38
39     private ProgressBar pbProgress;
40     private TextView tvError;
41
42     public MahasiswaConfirmFragment() {
43     }
44
45
46     @Override
47     public View onCreateView(LayoutInflater inflater, ViewGroup
        container,
48                               Bundle savedInstanceState) {
49         return inflater.inflate(R.layout.fragment_mahasiswa_confirm,
            container, false);
50     }
51
52     @Override
53     public void onViewCreated(@NonNull View view, @Nullable Bundle
        savedInstanceState) {
54         super.onViewCreated(view, savedInstanceState);
55
56         pbProgress = view.findViewById(R.id.pb_progress);
57         rvMahasiswa = view.findViewById(R.id.rv_mahasiswa);
58         tvError = view.findViewById(R.id.tv_error);
59
60         pref = SharedPrefManager.getInstance(getContext());
61         mApiInterface = APIClient.getClient().create(ApiService.class
        );
62
63         showMahasiswaConfirm();
64     }
65
66     private void showMahasiswaConfirm() {
67         showLoading(true);
68
69         String idPembimbing = pref.getPembimbing().getIdPembimbing();

```



```

70         rvMahasiswa.setLayoutManager(new LinearLayoutManager(
71             getContext()));
72
73         Call<ResponseConfirmMahasiswa> call = mApiInterface.
74         pembimbingListKonfirmMahasiswa(idPembimbing);
75         call.enqueue(new Callback<ResponseConfirmMahasiswa>() {
76             @Override
77             public void onResponse(Call<ResponseConfirmMahasiswa>
78                 call, Response<ResponseConfirmMahasiswa> response) {
79                 showLoading(false);
80                 if (response.body().getStatus().equals("200")){
81                     showConfirm(response.body().getData());
82                 } else {
83                     showMessage(true, response.body().getMessage());
84                 }
85             }
86             @Override
87             public void onFailure(Call<ResponseConfirmMahasiswa> call
88                 , Throwable t) {
89                 showLoading(false);
90                 showMessage(true, t.getMessage());
91             }
92         });
93
94         private void showConfirm(List<ConfirmMahasiswa> data) {
95             ConfirmMahasiswaAdapter confirmMahasiswaAdapter = new
96             ConfirmMahasiswaAdapter(getContext(), data, this);
97             confirmMahasiswaAdapter.notifyDataSetChanged();
98             rvMahasiswa.setAdapter(confirmMahasiswaAdapter);
99             confirmMahasiswaAdapter.notifyDataSetChanged();
100         }
101
102         private void showLoading(Boolean state) {
103             if (state) {
104                 pbProgress.setVisibility(View.VISIBLE);
105             } else {
106                 pbProgress.setVisibility(View.GONE);
107             }
108         }
109
110         private void showMessage(Boolean state, String message) {
111             if (state) {
112                 tvError.setText(message);
113                 tvError.setVisibility(View.VISIBLE);
114             } else {
115                 tvError.setVisibility(View.GONE);
116             }
117         }
118
119         @Override
120         public void onConfirmMahasiswa() {
121             showMahasiswaConfirm();
122         }

```

```

121 @Override
122 public void onResume() {
123     super.onResume();
124     // showMahasiswaConfirm();
125 }
126 }
127 }

```

```

1 <RelativeLayout xmlns:android="http://schemas.android.com/apk/res/
  android"
2     xmlns:tools="http://schemas.android.com/tools"
3     android:layout_width="match_parent"
4     android:layout_height="match_parent"
5     tools:context=".fragment.">
6
7     <ProgressBar
8         android:id="@+id/pb_progress"
9         style="?android:attr/progressBarStyle"
10        android:layout_width="wrap_content"
11        android:layout_height="wrap_content"
12        android:layout_centerHorizontal="true"
13        android:layout_centerVertical="true"
14        android:maxWidth="30dp"
15        android:maxHeight="30dp"
16        android:minWidth="30dp"
17        android:minHeight="30dp"
18        android:visibility="gone" />
19
20     <TextView
21         android:id="@+id/tv_error"
22         android:layout_width="wrap_content"
23         android:layout_height="wrap_content"
24         android:layout_centerHorizontal="true"
25         android:layout_centerVertical="true"
26         android:text="Gagal memuat data"
27         android:visibility="gone" />
28
29     <ScrollView
30         android:layout_width="match_parent"
31         android:layout_height="wrap_content"
32         android:layout_centerHorizontal="true">
33
34         <LinearLayout
35             android:layout_width="match_parent"
36             android:layout_height="wrap_content"
37             android:layout_marginBottom="80dp"
38             android:orientation="vertical">
39
40             <androidx.recyclerview.widget.RecyclerView
41                 android:id="@+id/rv_notification"
42                 android:layout_width="match_parent"
43                 android:layout_height="match_parent"
44                 android:scrollbars="vertical" />
45
46         </LinearLayout>
47

```



```

48         ((MainActivity) getActivity()).setActionBarTitle("
49         Notification");
50         return inflater.inflate(R.layout.fragment_notification ,
51         container , false);
52     }
53     @Override
54     public void onCreateView(@NonNull View view , @Nullable Bundle
55     savedInstanceState) {
56         super.onCreate(view , savedInstanceState);
57         pbProgress = view.findViewById(R.id.pb_progress);
58         rvNotification = view.findViewById(R.id.rv_notification);
59         tvError = view.findViewById(R.id.tv_error);
60
61         pref = SharedPreferences.getInstance(getApplicationContext());
62         mApiInterface = APIClient.getClient().create(APIService.class
63         );
64
65         showNotification();
66     }
67     private void showNotification() {
68         showLoading(true);
69
70         String idPembimbing = pref.getPembimbing().getIdPembimbing();
71
72         rvNotification.setLayoutManager(new LinearLayoutManager(
73         getContext()));
74
75         Call<ResponseNotification> call = mApiInterface .
76         pembimbingListNotifikasi(idPembimbing);
77         call.enqueue(new Callback<ResponseNotification>() {
78             @Override
79             public void onResponse(Call<ResponseNotification> call ,
80             Response<ResponseNotification> response) {
81                 showLoading(false);
82                 if (response.body().getStatus().equals("200")){
83                     NotificationAdapter notificationAdapter = new
84                     NotificationAdapter(getContext() , response.body().getData());
85                     rvNotification.setAdapter(notificationAdapter);
86                 } else{
87                     showMessage(true , response.body().getMessage());
88                 }
89             }
90         });
91
92         @Override
93         public void onFailure(Call<ResponseNotification> call ,
94         Throwable t) {
95             showLoading(false);
96             showMessage(true , t.getMessage());
97         }
98     }
99     private void showLoading(Boolean state) {

```

```

95         if (state) {
96             pbProgress.setVisibility(View.VISIBLE);
97         } else {
98             pbProgress.setVisibility(View.GONE);
99         }
100     }
101
102     private void showMessage(Boolean state, String message) {
103         if (state) {
104             tvError.setText(message);
105             tvError.setVisibility(View.VISIBLE);
106         } else {
107             tvError.setVisibility(View.GONE);
108         }
109     }
110 }

```

```

1  <?xml version="1.0" encoding="utf-8"?>
2  <LinearLayout xmlns:android="http://schemas.android.com/apk/res/
   android"
3      xmlns:tools="http://schemas.android.com/tools"
4      android:layout_width="match_parent"
5      android:layout_height="wrap_content"
6      android:orientation="vertical"
7      tools:context=".fragment.ProfileFragment">
8
9      <LinearLayout
10         android:layout_width="match_parent"
11         android:layout_height="wrap_content"
12         android:orientation="horizontal"
13         android:layout_marginHorizontal="10dp"
14         android:layout_marginVertical="30dp">
15
16         <de.hdodenhof.circleimageview.CircleImageView
17             android:id="@+id/img_profile"
18             android:layout_width="120dp"
19             android:layout_height="120dp"
20             android:src="@drawable/profile"/>
21
22         <TextView
23             android:id="@+id/tv_nama"
24             android:layout_width="match_parent"
25             android:layout_height="120dp"
26             android:text="Kadek Diva Krishna Murti"
27             android:textStyle="bold"
28             android:textSize="18sp"
29             android:layout_marginLeft="15dp"
30             android:gravity="center_vertical"/>
31
32     </LinearLayout>
33
34     <LinearLayout
35         android:layout_width="match_parent"
36         android:layout_height="wrap_content"
37         android:orientation="vertical"
38         android:layout_marginLeft="14dp">

```

```

39     <View
40         android:layout_width="match_parent"
41         android:layout_height="0.2dp"
42         android:background="#c0c0c0"/>
43
44     <TextView
45         android:id="@+id/tv_profile"
46         android:layout_width="match_parent"
47         android:layout_height="wrap_content"
48         android:text="Ubah Profile"
49         android:paddingVertical="18dp"/>
50
51
52     <View
53         android:layout_width="match_parent"
54         android:layout_height="0.2dp"
55         android:background="#c0c0c0"/>
56
57     <TextView
58         android:id="@+id/tv_password"
59         android:layout_width="match_parent"
60         android:layout_height="wrap_content"
61         android:text="Ubah Password"
62         android:paddingVertical="18dp"/>
63
64
65     <View
66         android:layout_width="match_parent"
67         android:layout_height="0.2dp"
68         android:background="#c0c0c0"/>
69
70     <TextView
71         android:id="@+id/tv_keluar"
72         android:layout_width="match_parent"
73         android:layout_height="wrap_content"
74         android:text="Keluar"
75         android:paddingVertical="18dp"/>
76
77
78     <View
79         android:layout_width="match_parent"
80         android:layout_height="0.2dp"
81         android:background="#c0c0c0"/>
82 </LinearLayout>
83 </LinearLayout>

```

```

1 package com.divakrishnam.actspotpembimbingeksternal.fragment;
2
3
4 import android.content.Intent;
5 import android.os.Bundle;
6
7 import androidx.annotation.NonNull;
8 import androidx.annotation.Nullable;
9 import androidx.fragment.app.Fragment;
10
11 import android.view.LayoutInflater;
12 import android.view.View;

```

```

13 import android.view.ViewGroup;
14 import android.widget.ImageView;
15 import android.widget.TextView;
16
17 import com.bumptech.glide.Glide;
18 import com.divakrishnam.actspotpembimbingeksternal.R;
19 import com.divakrishnam.actspotpembimbingeksternal.activity.
    LoginActivity;
20 import com.divakrishnam.actspotpembimbingeksternal.activity.
    MainActivity;
21 import com.divakrishnam.actspotpembimbingeksternal.activity.
    PasswordActivity;
22 import com.divakrishnam.actspotpembimbingeksternal.activity.
    ProfileActivity;
23 import com.divakrishnam.actspotpembimbingeksternal.util.
    SharedPreferences;
24 import com.divakrishnam.actspotpembimbingeksternal.util.Url;
25
26 public class ProfileFragment extends Fragment implements View.
    OnClickListener{
27
28     private ImageView ivProfil;
29     private TextView tvNama, tvProfil, tvPassword, tvKeluar;
30
31     private SharedPreferences pref;
32
33     public ProfileFragment() {
34     }
35
36
37     @Override
38     public View onCreateView(LayoutInflater inflater, ViewGroup
        container,
39
40         Bundle savedInstanceState) {
41
42         ((MainActivity) getActivity()).setActionBarTitle("My Profile"
43     );
44         return inflater.inflate(R.layout.fragment_profile, container,
45             false);
46     }
47
48     @Override
49     public void onViewCreated(@NonNull View view, @Nullable Bundle
        savedInstanceState) {
50         super.onViewCreated(view, savedInstanceState);
51         ivProfil = view.findViewById(R.id.img_profile);
52         tvNama = view.findViewById(R.id.tv_nama);
53         tvProfil = view.findViewById(R.id.tv_profile);
54         tvPassword = view.findViewById(R.id.tv_password);
55         tvKeluar = view.findViewById(R.id.tv_keluar);
56
57         pref = SharedPreferences.getInstance(getContext());
58
59         tvProfil.setOnClickListener(this);
60         tvPassword.setOnClickListener(this);
61         tvKeluar.setOnClickListener(this);

```

```

59     }
60
61     @Override
62     public void onResume() {
63         super.onResume();
64         tvNama.setText(pref.getPembimbing().getNamaPembimbing());
65         Glide.with(this).load(Urls.IMAGE_URL+"pembimbing/"+pref.
getPembimbing().getFotoPembimbing()).error(R.drawable.profile).
into(ivProfil);
66     }
67
68     @Override
69     public void onClick(View view) {
70         if (view == tvProfil){
71             Intent intent = new Intent(getApplicationContext(), ProfileActivity.
class);
72             startActivity(intent);
73         }else if (view == tvPassword){
74             Intent intent = new Intent(getApplicationContext(), PasswordActivity
.class);
75             startActivity(intent);
76         }else if (view == tvKeluar){
77             pref.logout();
78             getActivity().finish();
79             startActivity(new Intent(getApplicationContext(), LoginActivity.
class));
80         }
81     }
82 }

```

```

1 <RelativeLayout xmlns:android="http://schemas.android.com/apk/res /
android"
2     xmlns:tools="http://schemas.android.com/tools"
3     android:layout_width="match_parent"
4     android:layout_height="match_parent"
5     tools:context=".fragment.">
6
7     <ProgressBar
8         android:id="@+id/pb_progress"
9         style="?android:attr/progressBarStyle"
10        android:layout_width="wrap_content"
11        android:layout_height="wrap_content"
12        android:layout_centerHorizontal="true"
13        android:layout_centerVertical="true"
14        android:maxWidth="30dp"
15        android:maxHeight="30dp"
16        android:minWidth="30dp"
17        android:minHeight="30dp"
18        android:visibility="gone" />
19
20     <TextView
21         android:id="@+id/tv_error"
22         android:layout_width="wrap_content"
23         android:layout_height="wrap_content"
24         android:layout_centerHorizontal="true"
25         android:layout_centerVertical="true"

```



```

26         android:text="Gagal memuat data"
27         android:visibility="gone"/>
28
29     <ScrollView
30         android:layout_width="match_parent"
31         android:layout_height="wrap_content"
32         android:layout_centerHorizontal="true">
33
34         <LinearLayout
35             android:layout_width="match_parent"
36             android:layout_height="wrap_content"
37             android:layout_marginBottom="80dp"
38             android:orientation="vertical">
39
40             <androidx.recyclerview.widget.RecyclerView
41                 android:id="@+id/rv_mahasiswa"
42                 android:layout_width="match_parent"
43                 android:layout_height="match_parent"
44                 android:scrollbars="vertical" />
45
46             </LinearLayout>
47
48         </ScrollView>
49
50 </RelativeLayout>

```

```

1 package com.divakrishnam.actspotpembimbingeksternal.fragment;
2
3
4 import android.os.Bundle;
5
6 import androidx.annotation.NonNull;
7 import androidx.annotation.Nullable;
8 import androidx.fragment.app.Fragment;
9 import androidx.recyclerview.widget.LinearLayoutManager;
10 import androidx.recyclerview.widget.RecyclerView;
11
12 import android.view.LayoutInflater;
13 import android.view.View;
14 import android.view.ViewGroup;
15 import android.widget.ProgressBar;
16 import android.widget.TextView;
17
18 import com.divakrishnam.actspotpembimbingeksternal.R;
19 import com.divakrishnam.actspotpembimbingeksternal.activity.
    MainActivity;
20 import com.divakrishnam.actspotpembimbingeksternal.adapter.
    MahasiswaAdapter;
21 import com.divakrishnam.actspotpembimbingeksternal.api.APIClient;
22 import com.divakrishnam.actspotpembimbingeksternal.api.APIService;
23 import com.divakrishnam.actspotpembimbingeksternal.model.
    ResponseMahasiswa;
24 import com.divakrishnam.actspotpembimbingeksternal.util.
    SharedPreferences;
25
26 import retrofit2.Call;

```

```

27 import retrofit2.Callback;
28 import retrofit2.Response;
29
30 public class MahasiswaFragment extends Fragment {
31
32     private RecyclerView rvMahasiswa;
33
34     private ApiService mApiInterface;
35     private SharedPreferences pref;
36
37     private ProgressBar pbProgress;
38     private TextView tvError;
39
40     public MahasiswaFragment() {
41     }
42
43
44     @Override
45     public View onCreateView(LayoutInflater inflater, ViewGroup
46         container,
47         Bundle savedInstanceState) {
48
49         ((MainActivity) getActivity()).setActionBarTitle("My
50         Mahasiswa");
51         return inflater.inflate(R.layout.fragment_mahasiswa,
52         container, false);
53     }
54
55     @Override
56     public void onViewCreated(@NonNull View view, @Nullable Bundle
57         savedInstanceState) {
58         super.onViewCreated(view, savedInstanceState);
59
60         pbProgress = view.findViewById(R.id.pb_progress);
61         rvMahasiswa = view.findViewById(R.id.rv_mahasiswa);
62         tvError = view.findViewById(R.id.tv_error);
63
64         pref = SharedPreferences.getInstance(getContext());
65         mApiInterface = APIClient.getClient().create(ApiService.class
66         );
67
68         showMahasiswa();
69     }
70
71     private void showMahasiswa() {
72         showLoading(true);
73
74         String idPembimbing = pref.getPembimbing().getIdPembimbing();
75
76         rvMahasiswa.setLayoutManager(new LinearLayoutManager(
77         getContext()));
78
79         Call<ResponseMahasiswa> call = mApiInterface.
80         pembimbingListMahasiswa(idPembimbing);
81         call.enqueue(new Callback<ResponseMahasiswa>() {
82             @Override

```

```

76     public void onResponse ( Call<ResponseMahasiswa> call ,
Response<ResponseMahasiswa> response ) {
77         showLoading ( false );
78         if ( response . body () . getStatus () . equals ( "200" ) ) {
79             MahasiswaAdapter mahasiswaAdapter = new
MahasiswaAdapter ( getContext () , response . body () . getData () );
80             rvMahasiswa . setAdapter ( mahasiswaAdapter );
81         } else {
82             showMessage ( true , response . body () . getMessage () );
83         }
84     }
85
86     @Override
87     public void onFailure ( Call<ResponseMahasiswa> call ,
Throwable t ) {
88         showLoading ( false );
89         showMessage ( true , t . getMessage () );
90     }
91 }
92
93
94 private void showLoading ( Boolean state ) {
95     if ( state ) {
96         pbProgress . setVisibility ( View . VISIBLE );
97     } else {
98         pbProgress . setVisibility ( View . GONE );
99     }
100 }
101
102 private void showMessage ( Boolean state , String message ) {
103     if ( state ) {
104         tvError . setText ( message );
105         tvError . setVisibility ( View . VISIBLE );
106     } else {
107         tvError . setVisibility ( View . GONE );
108     }
109 }
110 }

```

```

1 <?xml version="1.0" encoding="utf-8"?>
2 <manifest xmlns:android="http://schemas.android.com/apk/res/android"
3     xmlns:dist="http://schemas.android.com/apk/distribution"
4     package="com.divakrishnam.actspotpembimbingeksternal">
5
6     <uses-feature
7         android:name="android.hardware.camera.any"
8         android:required="true" />
9     <uses-feature
10         android:name="android.hardware.camera.autofocus"
11         android:required="false" />
12
13     <uses-permission android:name="android.permission.CAMERA" />
14
15     <dist:module dist:instant="true" />
16

```

```

17 <uses-permission android:name="android.permission.
ACCESS_COARSE_LOCATION" />
18 <uses-permission android:name="android.permission.
ACCESS_FINE_LOCATION" />
19 <uses-permission android:name="android.permission.INTERNET" />
20 <uses-permission android:name="android.permission.
WRITE_EXTERNAL_STORAGE" />
21 <uses-permission android:name="android.permission.
READ_EXTERNAL_STORAGE" />
22 <uses-permission android:name="android.permission.
READ_PHONE_STATE" />
23
24 <application
25     android:allowBackup="true"
26     android:icon="@mipmap/ic_launcher"
27     android:label="@string/app_name"
28     android:roundIcon="@mipmap/ic_launcher_round"
29     android:supportsRtl="true"
30     android:theme="@style/AppTheme">
31     <activity android:name=".activity.DetailMahasiswaActivity">
activity>
32     <activity android:name=".activity.ProfileActivity" >
33     </activity>
34     <activity android:name=".activity.PasswordActivity" />
35     <activity android:name=".activity.TextActivity" />
36     <activity android:name=".activity.NoticeActivity" />
37     <activity
38         android:name=".activity.RegisterActivity"
39         android:parentActivityName=".activity.LoginActivity" />
40     <activity android:name=".activity.LoginActivity" />
41     <activity android:name=".activity.MainActivity">
42
43         <intent-filter>
44             <action android:name="android.intent.action.MAIN" />
45
46             <category android:name="android.intent.category.
LAUNCHER" />
47         </intent-filter>
48     </activity>
49     <activity
50         android:name="com.theartofdev.edmodo.cropper.
CropImageActivity"
51         android:theme="@style/Base.Theme.AppCompat"/>
52 </application>
53
54 </manifest>

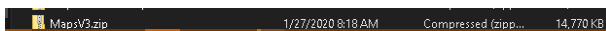
```

4.2 Web

4.2.1 Dapur Hosting

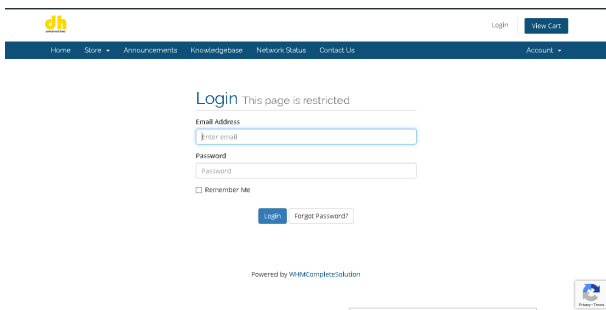
Di tutorial kali ini kita akan menggunakan jasa web hosting. Web hosting adalah layanan penyimpanan file website, email, dan database yang terkoneksi ke internet dan dapat diakses dengan nama domain. Dapur Hosting menyediakan 2 pilihan lokasi web hosting murah, yaitu di Indonesia dan USA

- Siapkan file yang akan di upload



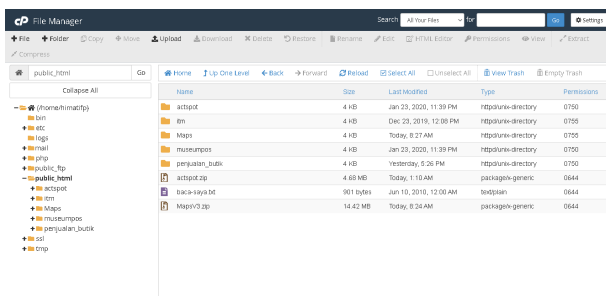
Gambar 4.1 Upload.

1. Login ke dapurhosting



Gambar 4.2 Login.

2. masuk ke file manager dan upload disini



Gambar 4.3 Upload file.

3. Setting config database.php

```

$db['default'] = array(
    'dsn' => '',
    'hostname' => 'localhost',
    'username' => 'himatifp_actspot',
    'password' => 'actspot2019',
    'database' => 'himatifp_actspot',
    'dbdriver' => 'mysqli',
    'dbprefix' => '',
    'pconnect' => FALSE,
    'db_debug' => (ENVIRONMENT !== 'production'),
    'cache_on' => FALSE,
    'cachedir' => '',
    'char_set' => 'utf8',
    'dbcollat' => 'utf8_general_ci',
    'swap_pre' => '',
    'encrypt' => FALSE,
    'compress' => FALSE,
    'stricton' => FALSE,
    'failover' => array(),
    'save_queries' => TRUE
);

```

Gambar 4.4 database file.

4. setting config .php

```

$config['base_url'] = 'http://himatifpolpos.my.id/Maps/';

```

Gambar 4.5 config file.

5. Hasil

Gambar 4.6 Tampilan

Source code web

```

1 <?php
2 defined('BASEPATH') OR exit('No direct script access allowed');

```

```
3  /*
4  |
5  |
6  | Base Site URL
7  |
8  |
9  | URL to your CodeIgniter root. Typically this will be your base URL,
10 | WITH a trailing slash:
11 |
12 | http://example.com/
13 |
14 | WARNING: You MUST set this value!
15 |
16 | If it is not set, then CodeIgniter will try guess the protocol and
17 | path
18 | your installation, but due to security concerns the hostname will
19 | be set
20 | to $_SERVER['SERVER_ADDR'] if available, or localhost otherwise.
21 | The auto-detection mechanism exists only for convenience during
22 | development and MUST NOT be used in production!
23 |
24 | If you need to allow multiple domains, remember that this file is
25 | still
26 | a PHP script and you can easily do that on your own.
27 |
28 | */
29 |
30 | Index File
31 |
32 |
33 | Typically this will be your index.php file, unless you've renamed
34 | it to
35 | something else. If you are using mod_rewrite to remove the page set
36 | this
37 | variable so that it is blank.
38 |
39 | */
40 | $config['base_url'] = 'http://localhost/Maps/';
41 |
42 | /*
43 |
44 |
45 | URI PROTOCOL
46 |
47 |
48 | This item determines which server global should be used to retrieve
49 | the
```

```

46 | URI string. The default setting of 'REQUEST_URI' works for most
    | servers.
47 | If your links do not seem to work, try one of the other delicious
    | flavors:
48 |
49 | 'REQUEST_URI'      Uses $_SERVER['REQUEST_URI']
50 | 'QUERY_STRING'     Uses $_SERVER['QUERY_STRING']
51 | 'PATH_INFO'        Uses $_SERVER['PATH_INFO']
52 |
53 | WARNING: If you set this to 'PATH_INFO', URIs will always be URL-
    | decoded!
54 | */
55 | $config['uri_protocol'] = 'REQUEST_URI';
56 |
57 | /*
58 |
59 | URL suffix
60 |
61 |
62 | This option allows you to add a suffix to all URLs generated by
    | CodeIgniter.
63 | For more information please see the user guide:
64 |
65 | https://codeigniter.com/user\_guide/general/urls.html
66 | */
67 | $config['url_suffix'] = '';
68 |
69 | /*
70 |
71 | Default Language
72 |
73 |
74 | This determines which set of language files should be used. Make
    | sure
75 | there is an available translation if you intend to use something
    | other
76 | than english.
77 |
78 | */
79 | $config['language'] = 'english';
80 |
81 | /*
82 |
83 | Default Character Set
84 |
85 |
86 | This determines which character set is used by default in various
    | methods
87 | that require a character set to be provided.
88 |

```



```

89 | See http://php.net/htmlspecialchars for a list of supported
    | charsets.
90 |
91 | */
92 | $config['charset'] = 'UTF-8';
93 |
94 | /*
95 |
96 | Enable/Disable System Hooks
97 |
98 |
99 | If you would like to use the 'hooks' feature you must enable it by
100 | setting this variable to TRUE (boolean). See the user guide for
    | details.
101 |
102 | */
103 | $config['enable_hooks'] = FALSE;
104 |
105 | /*
106 |
107 | Class Extension Prefix
108 |
109 |
110 | This item allows you to set the filename/classname prefix when
    | extending
111 | native libraries. For more information please see the user guide:
112 |
113 | https://codeigniter.com/user\_guide/general/core\_classes.html
114 | https://codeigniter.com/user\_guide/general/creating\_libraries.html
115 |
116 | */
117 | $config['subclass_prefix'] = 'MY_';
118 |
119 | /*
120 |
121 | Composer auto-loading
122 |
123 |
124 | Enabling this setting will tell CodeIgniter to look for a Composer
125 | package auto-loader script in application/vendor/autoload.php.
126 |
127 | $config['composer_autoload'] = TRUE;
128 |
129 | Or if you have your vendor/ directory located somewhere else, you
130 | can opt to set a specific path as well:
131 |
132 | $config['composer_autoload'] = '/path/to/vendor/autoload.php';
133 |
134 | For more information about Composer, please visit http://getcomposer.org/

```

```

135 |
136 | Note: This will NOT disable or override the CodeIgniter-specific
137 | autoloading (application/config/autoload.php)
138 | */
139 | $config['composer_autoload'] = FALSE;
140 |
141 | /*
142 |
143 | Allowed URL Characters
144 |
145 |
146 | This lets you specify which characters are permitted within your
147 | URLs.
148 | When someone tries to submit a URL with disallowed characters they
149 | will
150 | get a warning message.
151 | As a security measure you are STRONGLY encouraged to restrict URLs
152 | to
153 | as few characters as possible. By default only these are allowed:
154 | a-z 0-9%.:_-
155 | Leave blank to allow all characters — but only if you are insane.
156 | The configured value is actually a regular expression character
157 | group
158 | and it will be executed as: ! preg_match('/[<permitted_uri_chars
159 | >]+$/i
160 |
161 | DO NOT CHANGE THIS UNLESS YOU FULLY UNDERSTAND THE REPERCUSSIONS!!
162 | */
163 | $config['permitted_uri_chars'] = 'a-z 0-9%.:_-\'';
164 |
165 | /*
166 |
167 | Enable Query Strings
168 |
169 | By default CodeIgniter uses search-engine friendly segment based
170 | URLs:
171 | example.com/who/what/where/
172 | You can optionally enable standard query string based URLs:
173 | example.com?who=me&what=something&where=here
174 |
175 | Options are: TRUE or FALSE (boolean)
176 |
177 | The other items let you set the query string 'words' that will
178 | invoke your controllers and its functions:
179 | example.com/index.php?c=controller&m=function

```

```

180 | Please note that some of the helpers won't work as expected when
181 | this feature is enabled, since CodeIgniter is designed primarily to
182 | use segment based URLs.
183 |
184 | */
185 | $config['enable_query_strings'] = FALSE;
186 | $config['controller_trigger'] = 'c';
187 | $config['function_trigger'] = 'm';
188 | $config['directory_trigger'] = 'd';
189 |
190 | /*
191 |
192 | | Allow $_GET array
193 |
194 | |
195 | | By default CodeIgniter enables access to the $_GET array. If for
196 | | some
197 | | reason you would like to disable it, set 'allow_get_array' to FALSE
198 | | .
199 | | WARNING: This feature is DEPRECATED and currently available only
200 | | for backwards compatibility purposes!
201 | |
202 | | */
203 | $config['allow_get_array'] = TRUE;
204 |
205 | /*
206 |
207 | | Error Logging Threshold
208 |
209 | |
210 | | You can enable error logging by setting a threshold over zero. The
211 | | threshold determines what gets logged. Threshold options are:
212 | |
213 | | 0 = Disables logging, Error logging TURNED OFF
214 | | 1 = Error Messages (including PHP errors)
215 | | 2 = Debug Messages
216 | | 3 = Informational Messages
217 | | 4 = All Messages
218 | |
219 | | You can also pass an array with threshold levels to show individual
220 | | error types
221 | |
222 | | array(2) = Debug Messages, without Error Messages
223 | |
224 | | For a live site you'll usually only enable Errors (1) to be logged
225 | | otherwise
226 | | your log files will fill up very fast.
227 | |
228 | | */
229 | $config['log_threshold'] = 0;

```

```

228  /*
229  |
230  | Error Logging Directory Path
231  |
232  |
233  | Leave this BLANK unless you would like to set something other than
234  | the default
235  | application/logs/ directory. Use a full server path with trailing
236  | slash.
237  */
238  $config['log_path'] = '';
239  /*
240  |
241  | Log File Extension
242  |
243  |
244  | The default filename extension for log files. The default 'php'
245  | allows for
246  | protecting the log files via basic scripting, when they are to be
247  | stored
248  | under a publicly accessible directory.
249  |
250  | Note: Leaving it blank will default to 'php'.
251  */
252  $config['log_file_extension'] = '';
253  /*
254  |
255  | Log File Permissions
256  |
257  |
258  | The file system permissions to be applied on newly created log
259  | files.
260  |
261  | IMPORTANT: This MUST be an integer (no quotes) and you MUST use
262  | octal
263  | integer notation (i.e. 0700, 0644, etc.)
264  */
265  $config['log_file_permissions'] = 0644;
266  /*
267  |
268  | Date Format for Logs
269  |

```

```

270 | Each item that is logged has an associated date. You can use PHP
    | date
271 | codes to set your own date formatting
272 |
273 */
274 $config['log_date_format'] = 'Y-m-d H:i:s';
275
276 /*
277 |
278 | Error Views Directory Path
279 |
280 |
281 | Leave this BLANK unless you would like to set something other than
    | the default
282 | application/views/errors/ directory. Use a full server path with
    | trailing slash.
283 |
284 */
285 $config['error_views_path'] = '';
286
287 /*
288 |
289 | Cache Directory Path
290 |
291 |
292 | Leave this BLANK unless you would like to set something other than
    | the default
293 | application/cache/ directory. Use a full server path with trailing
    | slash.
294 |
295 */
296 $config['cache_path'] = '';
297
298 /*
299 |
300 | Cache Include Query String
301 |
302 |
303 | Whether to take the URL query string into consideration when
    | generating
304 | output cache files. Valid options are:
305 |
306 | FALSE      = Disabled
307 | TRUE       = Enabled, take all query parameters into account.
308 |              Please be aware that this may result in numerous cache
309 |              files generated for the same page over and over again.
310 | array('q') = Enabled, but only take into account the specified list
311 |              of query parameters.
312 |
313 */

```

```

314 $config['cache_query_string'] = FALSE;
315
316 /*
317 |
318 | Encryption Key
319 |
320 |
321 | If you use the Encryption class, you must set an encryption key.
322 | See the user guide for more info.
323 |
324 | https://codeigniter.com/user_guide/libraries/encryption.html
325 |
326 */
327 $config['encryption_key'] = '';
328
329 /*
330 |
331 | Session Variables
332 |
333 |
334 | 'sess_driver'
335 |
336 | The storage driver to use: files, database, redis, memcached
337 |
338 | 'sess_cookie_name'
339 |
340 | The session cookie name, must contain only [0-9a-z-] characters
341 |
342 | 'sess_expiration'
343 |
344 | The number of SECONDS you want the session to last.
345 | Setting to 0 (zero) means expire when the browser is closed.
346 |
347 | 'sess_save_path'
348 |
349 | The location to save sessions to, driver dependent.
350 |
351 | For the 'files' driver, it's a path to a writable directory.
352 | WARNING: Only absolute paths are supported!
353 |
354 | For the 'database' driver, it's a table name.
355 | Please read up the manual for the format with other session drivers
356 |
357 | IMPORTANT: You are REQUIRED to set a valid save path!
358 |
359 | 'sess_match_ip'
360 |
361 | Whether to match the user's IP address when reading the session
362 | data.

```

```

363 | WARNING: If you're using the database driver, don't forget to
364 |     update
365 |     your session table's PRIMARY KEY when changing this
366 |     setting.
367 |
368 | 'sess_time_to_update'
369 |
370 | How many seconds between CI regenerating the session ID.
371 |
372 | 'sess_regenerate_destroy'
373 |
374 | Whether to destroy session data associated with the old session ID
375 | when auto-regenerating the session ID. When set to FALSE, the data
376 | will be later deleted by the garbage collector.
377 |
378 | Other session cookie settings are shared with the rest of the
379 | application,
380 | except for 'cookie_prefix' and 'cookie_httponly', which are ignored
381 | here.
382 |
383 | */
384 | $config['sess_driver'] = 'files';
385 | $config['sess_cookie_name'] = 'ci_session';
386 | $config['sess_expiration'] = 7200;
387 | $config['sess_save_path'] = NULL;
388 | $config['sess_match_ip'] = FALSE;
389 | $config['sess_time_to_update'] = 300;
390 | $config['sess_regenerate_destroy'] = FALSE;
391 |
392 | /*
393 |
394 | Cookie Related Variables
395 |
396 |
397 |
398 | 'cookie_prefix' = Set a cookie name prefix if you need to avoid
399 | collisions
400 | 'cookie_domain' = Set to .your-domain.com for site-wide cookies
401 | 'cookie_path' = Typically will be a forward slash
402 | 'cookie_secure' = Cookie will only be set if a secure HTTPS
403 | connection exists.
404 | 'cookie_httponly' = Cookie will only be accessible via HTTP(S) (no
405 | javascript)
406 |
407 | Note: These settings (with the exception of 'cookie_prefix' and
408 | 'cookie_httponly') will also affect sessions.
409 |
410 | */
411 | $config['cookie_prefix'] = '';
412 | $config['cookie_domain'] = '';
413 | $config['cookie_path'] = '/';
414 | $config['cookie_secure'] = FALSE;
415 | $config['cookie_httponly'] = FALSE;
416 |
417 | /*

```

```
410 |
411 | Standardize newlines
412 |
413 |
414 | Determines whether to standardize newline characters in input data,
415 | meaning to replace \r\n, \r, \n occurrences with the PHP_EOL value.
416 |
417 | WARNING: This feature is DEPRECATED and currently available only
418 |         for backwards compatibility purposes!
419 |
420 |*/
421 |$config['standardize_newlines'] = FALSE;
422 |
423 |/*
424 |
425 | Global XSS Filtering
426 |
427 |
428 | Determines whether the XSS filter is always active when GET, POST
429 | or
430 | COOKIE data is encountered
431 |
432 | WARNING: This feature is DEPRECATED and currently available only
433 |         for backwards compatibility purposes!
434 |
435 |*/
436 |$config['global_xss_filtering'] = FALSE;
437 |
438 |/*
439 |
440 | Cross Site Request Forgery
441 |
442 | Enables a CSRF cookie token to be set. When set to TRUE, token will
443 | be
444 | checked on a submitted form. If you are accepting user data, it is
445 | strongly
446 | recommended CSRF protection be enabled.
447 |
448 | 'csrf_token_name' = The token name
449 | 'csrf_cookie_name' = The cookie name
450 | 'csrf_expire' = The number in seconds the token should expire.
451 | 'csrf_regenerate' = Regenerate token on every submission
452 | 'csrf_exclude_uris' = Array of URIs which ignore CSRF checks
453 |
454 |*/
455 |$config['csrf_protection'] = FALSE;
456 |$config['csrf_token_name'] = 'csrf_test_name';
457 |$config['csrf_cookie_name'] = 'csrf_cookie_name';
458 |$config['csrf_expire'] = 7200;
459 |$config['csrf_regenerate'] = TRUE;
460 |$config['csrf_exclude_uris'] = array();
```



```

457  /*
458  |
459  |
460  | Output Compression
461  |
462  |
463  | Enables Gzip output compression for faster page loads. When
464  | enabled,
465  | the output class will test whether your server supports Gzip.
466  | Even if it does, however, not all browsers support compression
467  | so enable only if you are reasonably sure your visitors can handle
468  | it.
469  |
470  | Only used if zlib.output_compression is turned off in your php.ini.
471  | Please do not use it together with httpd-level output compression.
472  |
473  | VERY IMPORTANT: If you are getting a blank page when compression
474  | is enabled it
475  | means you are prematurely outputting something to your browser. It
476  | could
477  | even be a line of whitespace at the end of one of your scripts.
478  | For
479  | compression to work, nothing can be sent before the output buffer
480  | is called
481  | by the output class. Do not 'echo' any values with compression
482  | enabled.
483  |
484  | */
485  $config['compress_output'] = FALSE;
486  /*
487  |
488  |
489  | Master Time Reference
490  |
491  |
492  | Options are 'local' or any PHP supported timezone. This preference
493  | tells
494  | the system whether to use your server's local time as the master '
495  | now'
496  | reference, or convert it to the configured one timezone. See the '
497  | date
498  | helper' page of the user guide for information regarding date
499  | handling.
500  |
501  | */
502  $config['time_reference'] = 'local';
503  /*
504  |
505  |
506  | Rewrite PHP Short Tags

```

```

496 |
497 |
498 | If your PHP installation does not have short tag support enabled CI
499 | can rewrite the tags on-the-fly, enabling you to utilize that
      | syntax
500 | in your view files. Options are TRUE or FALSE (boolean)
501 |
502 | Note: You need to have eval() enabled for this to work.
503 |
504 | */
505 | $config['rewrite_short_tags'] = FALSE;
506 |
507 | /*
508 |
509 | Reverse Proxy IPs
510 |
511 |
512 | If your server is behind a reverse proxy, you must whitelist the
      | proxy
513 | IP addresses from which CodeIgniter should trust headers such as
514 | HTTP_X_FORWARDED_FOR and HTTP_CLIENT_IP in order to properly
      | identify
515 | the visitor's IP address.
516 |
517 | You can use both an array or a comma-separated list of proxy
      | addresses,
518 | as well as specifying whole subnets. Here are a few examples:
519 |
520 | Comma-separated: '10.0.1.200,192.168.5.0/24'
521 | Array: array('10.0.1.200', '192.168.5.0/24')
522 | */
523 | $config['proxy_ips'] = '';

```

```

1 <?php
2 defined('BASEPATH') OR exit('No direct script access allowed');
3
4 /*
5 | _____
6 | DATABASE CONNECTIVITY SETTINGS
7 | _____
8 | This file will contain the settings needed to access your database.
9 |
10 | For complete instructions please consult the 'Database Connection'
11 | page of the User Guide.
12 |
13 | _____
14 | EXPLANATION OF VARIABLES
15 | _____
16 |
17 | ['dsn']           The full DSN string describe a connection to the
      | database.
18 | ['hostname']      The hostname of your database server.
19 | ['username']      The username used to connect to the database

```

```

20 | ['password'] The password used to connect to the database
21 | ['database'] The name of the database you want to connect to
22 | ['dbdriver'] The database driver. e.g.: mysqli.
23 |     Currently supported:
24 |         cubrid, ibase, mssql, mysql, mysqli, oci8,
25 |         odbc, pdo, postgres, sqlite, sqlite3, sqlsrv
26 | ['dbprefix'] You can add an optional prefix, which will be added
27 |         to the table name when using the Query Builder class
28 | ['pconnect'] TRUE/FALSE – Whether to use a persistent connection
29 | ['db_debug'] TRUE/FALSE – Whether database errors should be
30 |         displayed.
31 | ['cache_on'] TRUE/FALSE – Enables/disables query caching
32 | ['cachedir'] The path to the folder where cache files should be
33 |         stored
34 | ['char_set'] The character set used in communicating with the
35 |         database
36 | ['dbcollat'] The character collation used in communicating with the
37 |         database
38 |     NOTE: For MySQL and MySQLi databases, this setting is only
39 |         used
40 |         as a backup if your server is running PHP < 5.2.3 or MySQL
41 |         < 5.0.7
42 |         (and in table creation queries made with DB Forge).
43 |         There is an incompatibility in PHP with
44 |         mysql_real_escape_string() which
45 |         can make your site vulnerable to SQL injection if you are
46 |         using a
47 |         multi-byte character set and are running versions lower
48 |         than these.
49 |         Sites using Latin-1 or UTF-8 database character set and
50 |         collation are unaffected.
51 | ['swap_pre'] A default table prefix that should be swapped with the
52 |         dbprefix
53 | ['encrypt'] Whether or not to use an encrypted connection.
54 |
55 |     'mysql' (deprecated), 'sqlsrv' and 'pdo/sqlsrv' drivers accept
56 |     TRUE/FALSE
57 |     'mysqli' and 'pdo/mysqli' drivers accept an array with the
58 |     following options:
59 |
60 |         'ssl_key' – Path to the private key file
61 |         'ssl_cert' – Path to the public key certificate file
62 |         'ssl_ca' – Path to the certificate authority file
63 |         'ssl_capath' – Path to a directory containing trusted CA
64 |         certificates in PEM format
65 |         'ssl_cipher' – List of *allowed* ciphers to be used for the
66 |         encryption, separated by colons (':')
67 |         'ssl_verify' – TRUE/FALSE; Whether verify the server
68 |         certificate or not
69 |
70 | ['compress'] Whether or not to use client compression (MySQL only)
71 | ['stricton'] TRUE/FALSE – forces 'Strict Mode' connections
72 |         – good for ensuring strict SQL while developing
73 | ['ssl_options'] Used to set various SSL options that can be used
74 |         when making SSL connections.

```

```

58 | ['failover'] array – A array with 0 or more data for connections if
    | the main should fail.
59 | ['save_queries'] TRUE/FALSE – Whether to "save" all executed
    | queries.
60 |     NOTE: Disabling this will also effectively disable both
61 |     $this->db->last_query() and profiling of DB queries.
62 |     When you run a query, with this setting set to TRUE (
    | default),
63 |     CodeIgniter will store the SQL statement for debugging
    | purposes.
64 |     However, this may cause high memory usage, especially if
    | you run
65 |     a lot of SQL queries ... disable this to avoid that problem
    | .
66 |
67 | The $active_group variable lets you choose which connection group
    | to
68 | make active. By default there is only one group (the 'default'
    | group).
69 |
70 | The $query_builder variables lets you determine whether or not to
    | load
71 | the query builder class.
72 db4free.net:3306
73 */
74 $active_group = 'default';
75 $query_builder = TRUE;
76
77 $db['default'] = array(
78     'dsn' => '',
79     'hostname' => 'localhost',
80     'username' => 'root',
81     'password' => '',
82     'database' => 'actspotv2',
83     'dbdriver' => 'mysqli',
84     'dbprefix' => '',
85     'pconnect' => FALSE,
86     'db_debug' => (ENVIRONMENT !== 'production'),
87     'cache_on' => FALSE,
88     'cachedir' => '',
89     'char_set' => 'utf8',
90     'dbcollat' => 'utf8_general_ci',
91     'swap_pre' => '',
92     'encrypt' => FALSE,
93     'compress' => FALSE,
94     'stricton' => FALSE,
95     'failover' => array(),
96     'save_queries' => TRUE
97 );

```

```

1 <?php
2 defined('BASEPATH') OR exit('No direct script access allowed');
3
4 class c_kelola_user extends CI_Controller {
5
6     function __construct(){

```

```

7     parent::__construct();
8     $this->load->model('m_data_user');
9     $this->load->helper('url');
10
11     if($this->session->userdata('status') != "login"){
12         redirect(site_url("c_login"));
13     }
14 }
15
16 public function index()
17 {
18     $data['user'] = $this->m_data_user->tampil_data()->result();
19
20     $this->load->view('v_kelola_user',$data);
21 }
22
23
24 // start kelola prodi
25
26 public function getProdi()
27 {
28     $this->output->set_content_type('application/json');
29     $employee = $this->m_data_user->getprodiJSON();
30     echo json_encode($employee);
31 }
32
33 public function saveprodi()
34 {
35     $input = $this->m_data_user->saveprodi();
36     if ($input) {
37         echo json_encode(['success' => true]);
38     } else {
39         echo json_encode(['Msg'=>'Some Error occured!']);
40     }
41 }
42
43 public function updateprodi($id)
44 {
45     $input = $this->m_data_user->updateprodi($id);
46     if ($input) {
47         echo json_encode(['success' => true]);
48     } else {
49         echo json_encode(['Msg'=>'Some Error occured!']);
50     }
51 }
52 public function destroyprodi()
53 {
54     $id = $_REQUEST['id_prodi'];
55     $input = $this->m_data_user->destroyprodi($id);
56     if ($input) {
57         echo json_encode(array('success'=>true));
58     } else {
59         echo json_encode(array('errorMsg'=>'Some errors occured.'));
60     }
61 }
62

```

```
63 //end kelola prodi
64
65 // start kelola dosen
66
67 public function getdosen()
68 {
69     $this->output->set_content_type('application/json');
70     $employee = $this->m_data_user->getdosenJSON();
71     echo json_encode($employee);
72 }
73
74 public function savedosen()
75 {
76     $input = $this->m_data_user->savedosen();
77     if ($input) {
78         echo json_encode(['success' => true]);
79     } else {
80         echo json_encode(['Msg'=>'Some Error occured!']);
81     }
82 }
83
84 public function updatedosen($id)
85 {
86     $input = $this->m_data_user->updatedosen($id);
87     if ($input) {
88         echo json_encode(['success' => true]);
89     } else {
90         echo json_encode(['Msg'=>'Some Error occured!']);
91     }
92 }
93 public function destroydosen()
94 {
95     $id = $_REQUEST['id_dosen'];
96     $input = $this->m_data_user->destroydosen($id);
97     if ($input) {
98         echo json_encode(array('success'=>true));
99     } else {
100         echo json_encode(array('errorMsg'=>'Some errors occured.'));
101     }
102 }
103
104 //end kelola dosen
105
106 // start kelola mahasiswa
107
108 public function getmahasiswa()
109 {
110     $this->output->set_content_type('application/json');
111     $employee = $this->m_data_user->getmahasiswaJSON();
112     echo json_encode($employee);
113 }
114
115 public function savemahasiswa()
116 {
117     $input = $this->m_data_user->savemahasiswa();
118     if ($input) {
```

```

119     echo json_encode([ 'success' => true ]);
120 } else {
121     echo json_encode([ 'Msg'=>'Some Error occured!. ' ]);
122 }
123 }
124
125 public function updatemahasiswa($id)
126 {
127     $input = $this->m_data_user->updatemahasiswa($id);
128     if ($input) {
129         echo json_encode([ 'success' => true ]);
130     } else {
131         echo json_encode([ 'Msg'=>'Some Error occured!. ' ]);
132     }
133 }
134 public function destroymahasiswa()
135 {
136     $id = $_REQUEST['id_mahasiswa'];
137     $input = $this->m_data_user->destroymahasiswa($id);
138     if ($input) {
139         echo json_encode(array('success'=>true));
140     } else {
141         echo json_encode(array('errorMsg'=>'Some errors occured. '));
142     }
143 }
144
145 //end kelola prodi
146
147 // start kelola intern
148
149 public function getintern()
150 {
151     $this->output->set_content_type('application/json');
152     $employee = $this->m_data_user->getinternJSON();
153     echo json_encode($employee);
154 }
155
156 public function saveintern()
157 {
158     $input = $this->m_data_user->saveintern();
159     if ($input) {
160         echo json_encode([ 'success' => true ]);
161     } else {
162         echo json_encode([ 'Msg'=>'Some Error occured!. ' ]);
163     }
164 }
165
166 public function updateintern($id)
167 {
168     $input = $this->m_data_user->updateintern($id);
169     if ($input) {
170         echo json_encode([ 'success' => true ]);
171     } else {
172         echo json_encode([ 'Msg'=>'Some Error occured!. ' ]);
173     }
174 }

```

```

175 public function destroyintern()
176 {
177     $id = $REQUEST['id_intern'];
178     $input = $this->m_data_user->destroyintern($id);
179     if ($input) {
180         echo json_encode(array('success'=>true));
181     } else {
182         echo json_encode(array('errorMsg'=>'Some errors occured.'));
183     }
184 }
185
186 // start kelola absensi
187
188 public function getabsensi()
189 {
190     $this->output->set_content_type('application/json');
191     $employee = $this->m_data_user->getabsensiJSON();
192     echo json_encode($employee);
193 }
194
195 public function saveabsensi()
196 {
197     $input = $this->m_data_user->saveabsensi();
198     if ($input) {
199         echo json_encode(['success' => true]);
200     } else {
201         echo json_encode(['Msg'=>'Some Error occured!']);
202     }
203 }
204
205 public function updateabsensi($id)
206 {
207     $input = $this->m_data_user->updateabsensi($id);
208     if ($input) {
209         echo json_encode(['success' => true]);
210     } else {
211         echo json_encode(['Msg'=>'Some Error occured!']);
212     }
213 }
214 public function destroyabsensi()
215 {
216     $id = $REQUEST['id_absensi'];
217     $input = $this->m_data_user->destroyabsensi($id);
218     if ($input) {
219         echo json_encode(array('success'=>true));
220     } else {
221         echo json_encode(array('errorMsg'=>'Some errors occured.'));
222     }
223 }
224
225 //end kelola absensi
226
227 // start kelola trigger
228 public function gettrigger_radius()
229 {
230     $this->output->set_content_type('application/json');

```



```

231     $employee = $this->m_data_user->gettrigger_radiusJSON();
232     echo json_encode($employee);
233 }
234 // end kelola trigger
235
236 // start kelola user
237 public function getCustomers()
238 {
239     $this->output->set_content_type('application/json');
240     $employee = $this->m_data_user->getCustomers();
241     echo json_encode($employee);
242 }
243 public function getCustomerJSON()
244 {
245     $this->output->set_content_type('application/json');
246     $data = $this->m_data_user->getCustomersJSON();
247     echo json_encode($data);
248 }
249
250 public function saveCustomer()
251 {
252     $input = $this->m_data_user->saveCustomer();
253     if ($input) {
254         echo json_encode(['success' => true]);
255     } else {
256         echo json_encode(['Msg'=>'Some Error occured!']);
257     }
258 }
259
260 public function updateCustomer($id)
261 {
262     $input = $this->m_data_user->updateCustomer($id);
263     if ($input) {
264         echo json_encode(['success' => true]);
265     } else {
266         echo json_encode(['Msg'=>'Some Error occured!']);
267     }
268 }
269 public function destroyCustomer()
270 {
271     $id = intval($_REQUEST['id_user']);
272     $input = $this->m_data_user->destroyCustomer($id);
273     if ($input) {
274         echo json_encode(array('success'=>true));
275     } else {
276         echo json_encode(array('errorMsg'=>'Some errors occured.'));
277     }
278 }
279
280
281 }

```

```

1 <?php
2
3 class c_login extends CI_Controller{
4

```

```

5  function __construct(){
6      parent::__construct();
7
8      $this->load->model('m_login');
9
10 }
11
12 function index(){
13
14
15     $this->load->view('login');
16
17 }
18
19 function aksi_login(){
20     $username = $this->input->post('username');
21     $password = $this->input->post('password');
22     $where = array(
23         'username' => $username,
24         'password' => $password
25     );
26     $cek = $this->m_login->cek_login("user",$where)->num-rows();
27     $cekstatus = $this->m_login->cek_login("user",$where)->row_array
28     ();
29
30     if($cek > 0){
31         if ($cekstatus['status_user'] == "aktif") {
32             if ($cekstatus['role_user'] == "admin"){
33                 $data_session = array(
34                     'nama' => $username,
35                     'id' => $cekstatus['id_user'],
36                     'statusakun' => $cekstatus['status_user'],
37                     'status' => "login"
38                 );
39                 $this->session->set_userdata($data_session);
40
41                 redirect(site_url("dashboard"));
42             } else if ($cekstatus['role_user'] == "dosen"){
43                 $data_session = array(
44                     'nama' => $username,
45                     'id' => $cekstatus['id_user'],
46                     'statusakun' => $cekstatus['status_user'],
47                     'status' => "login"
48                 );
49                 $this->session->set_userdata($data_session);
50
51                 redirect(site_url("dashboard/viewdosen"));
52             }
53         } else {
54             echo 'akun anda tidak aktif';
55         }
56     } else if ($cek == 0){
57         echo "Akun tidak ada !";
58     } else {
59         echo "Username dan password salah !";

```

```

60     }
61 }
62
63 function logout() {
64     $this->session->sess_destroy();
65     redirect(site_url('c_login'));
66 }
67 }

```

src/web/controllers/register.php

```

1 <?php
2 defined('BASEPATH') OR exit('No direct script access allowed');
3
4 class dashboard extends CI_Controller {
5     function __construct() {
6         parent::__construct();
7         $this->load->library('pdf');
8         $this->load->model('m_data_peta');
9         $this->load->model('m_data_user');
10        $this->load->helper('url');
11
12        if ($this->session->userdata('status') != "login"){
13            redirect(site_url("c_login"));
14        }
15    }
16
17    public function index()
18    {
19
20        $data['data_prodi'] = $this->m_data_user->getprodidropdownnn()->
            result();
21        $data['totaldosen'] = $this->m_data_user->getjumlahdosenJSON();
22        $data['totaldoseninternal'] = $this->m_data_user->
            getjumlahdoseninternalJSON();
23        $data['gettahunangkatan'] = $this->m_data_user->gettahunangkatan
            ()->result();
24        $data['totalmahasiswa2015'] = $this->m_data_user->
            getjumlahmahasiswa2015();
25        $data['totalmahasiswa2016'] = $this->m_data_user->
            getjumlahmahasiswa2016();
26        $data['totalmahasiswa2017'] = $this->m_data_user->
            getjumlahmahasiswa2017();
27        $data['totalmahasiswa'] = $this->m_data_user->
            getjumlahmahasiswaJSON();
28        $data['totallokasiinternship'] = $this->m_data_user->
            getjumlahlokasiinternshipJSON();
29        $data['totaluser'] = $this->m_data_user->getjumlahuserJSON();
30        $data['data_mahasiswa'] = $this->m_data_user->getdata_mahasiswa()
            ->result();
31        $data['data_dosen'] = $this->m_data_user->getdata_dosen()->result
            ();
32        $data['data_user'] = $this->m_data_user->getdata_user()->result()
            ;
33        $data['data_intern'] = $this->m_data_user->getintern()->result();
34
35    }

```

```

36     $this->load->view('index',$data);
37 }
38
39 function perorang(){
40     //$x['data']=$this->m_grafik->get_data_stok();
41     $id = $this->input->post('npmmahasiswa');
42     $x['jan']=$this->m_data_user->get_data_jan($id);
43     $x['feb']=$this->m_data_user->get_data_feb($id);
44     $x['mar']=$this->m_data_user->get_data_mar($id);
45     $x['apr']=$this->m_data_user->get_data_apr($id);
46     $x['may']=$this->m_data_user->get_data_may($id);
47     $x['jun']=$this->m_data_user->get_data_june($id);
48     $x['jul']=$this->m_data_user->get_data_july($id);
49     $x['aug']=$this->m_data_user->get_data_aug($id);
50     $x['sep']=$this->m_data_user->get_data_sep($id);
51     $x['oct']=$this->m_data_user->get_data_oct($id);
52     $x['nov']=$this->m_data_user->get_data_nov($id);
53     $x['dec']=$this->m_data_user->get_data_dec($id);
54     $this->load->view('v_grafik',$x);
55 }
56
57 function viewdosen(){
58     $data['data_prodi'] = $this->m_data_user->getprodidropdownn()->
        result();
59     $data['totaldosen'] = $this->m_data_user->getjumlahdosenJSON();
60     $data['totaldoseninternal'] = $this->m_data_user->
        getjumlahdoseninternalJSON();
61     $data['gettahunangkatan'] = $this->m_data_user->gettahunangkatan
        ()->result();
62     $data['totalmahasiswa2015'] = $this->m_data_user->
        getjumlahmahasiswa2015();
63     $data['totalmahasiswa2016'] = $this->m_data_user->
        getjumlahmahasiswa2016();
64     $data['totalmahasiswa2017'] = $this->m_data_user->
        getjumlahmahasiswa2017();
65     $data['totalmahasiswa'] = $this->m_data_user->
        getjumlahmahasiswaJSON();
66     $data['totallokasiinternship'] = $this->m_data_user->
        getjumlahlokasiinternshipJSON();
67     $data['totaluser'] = $this->m_data_user->getjumlahuserJSON();
68     $data['data_mahasiswa'] = $this->m_data_user->getdata_mahasiswa()
        ->result();
69     $data['data_dosen'] = $this->m_data_user->getdata_dosen()->result
        ();
70     $data['data_user'] = $this->m_data_user->getdata_user()->result()
        ;
71     $data['data_intern'] = $this->m_data_user->getintern()->result();
72     $this->load->view('dosen',$data);
73 }
74
75 /// start kelola halaman dosen
76
77 // start kelola profile dosen
78
79
80

```

```

81 public function getprofiledosen()
82 {
83
84     $this->output->set_content_type('application/json');
85     $id_pengguna = $this->session->userdata("id");
86     $employee = $this->m_data_user->getprofiledosenJSON($id_pengguna)
87     ;
88     echo json_encode($employee);
89 }
90
91 public function updateprofiledosen($id)
92 {
93     $input = $this->m_data_user->updateprofiledosentabledosen($id);
94     $input2 = $this->m_data_user->updateprofiledosentableuser($id);
95     if ($input) {
96         echo json_encode(['success' => true]);
97     } else {
98         echo json_encode(['Msg'=>'Some Error occured!']);
99     }
100 }
101
102 //end kelola profile dosen
103
104 // start view dosen mahasiswa
105
106 public function getdosenmahasiswa()
107 {
108
109     $this->output->set_content_type('application/json');
110     $id_pengguna = $this->session->userdata("id");
111     $employee = $this->m_data_user->getdosenmahasiswa($id_pengguna);
112     echo json_encode($employee);
113 }
114
115 //end view dosen mahasiswa
116
117 // start kelola dosen intern
118
119 public function getdosenintern()
120 {
121     $this->output->set_content_type('application/json');
122     $id_pengguna = $this->session->userdata("id");
123     $employee = $this->m_data_user->getdoseninternJSON($id_pengguna);
124     echo json_encode($employee);
125 }
126
127 public function updatedosenintern($id)
128 {
129     $input = $this->m_data_user->updatedosenintern($id);
130     if ($input) {
131         echo json_encode(['success' => true]);
132     } else {
133         echo json_encode(['Msg'=>'Some Error occured!']);
134     }
135 }

```

```

136 // end kelola dosen intern
137
138 //end kelola halaman dosen
139
140 // start kelola absensi halaman dosen
141
142 public function getabsensimahasiswahalamandosenJSON()
143 {
144     $this->output->set_content_type('application/json');
145     $id_pengguna = $this->session->userdata("id");
146     $employee = $this->m_data_user->
147         getabsensimahasiswahalamandosenJSON($id_pengguna);
148     echo json_encode($employee);
149 }
150
151 public function getmahasiswauntukdosenJSON()
152 {
153     $this->output->set_content_type('application/json');
154     $id_pengguna = $this->session->userdata("id");
155     $data = $this->m_data_user->getmahasiswauntukdosenJSON(
156         $id_pengguna);
157     echo json_encode($data);
158 }
159
160 //end kelola absensi halaman dosen
161 public function buatpdfprodi(){
162     $pdf = new FPDF('l','mm','A5');
163     // membuat halaman baru
164     date_default_timezone_set('US/Eastern');
165     $currentdate = date("m-d-Y");
166
167     $pdf->AddPage();
168     // setting jenis font yang akan digunakan
169     $pdf->SetFont('Arial','B',16);
170     // mencetak string
171     $pdf->Cell(190,7,'Laporan Daftar Prodi',0,1,'C');
172     $pdf->SetFont('Arial','B',12);
173     $pdf->Cell(190,7,$currentdate,0,1,'C');
174     // Memberikan space kebawah agar tidak terlalu rapat
175     $pdf->Cell(10,7,'',0,1);
176     $pdf->SetFont('Arial','B',10);
177     $pdf->Cell(20,6,'ID Prodi',1,0);
178     $pdf->Cell(85,6,'Nama Prodi',1,1);
179     $pdf->SetFont('Arial','',10);
180     $mahasiswa = $this->db->get('prodi')->result();
181     foreach ($mahasiswa as $row){
182         $pdf->Cell(20,6,$row->id_prodi,1,0);
183         $pdf->Cell(85,6,$row->nama_prodi,1,1);
184     }
185     $pdf->Output();
186 }
187
188 public function buatpdfuser(){
189     $pdf = new FPDF('l','mm','A5');
190     // membuat halaman baru
191     date_default_timezone_set('US/Eastern');

```

```

190 $currentdate = date("m-d-Y");
191
192 $pdf->AddPage();
193 // setting jenis font yang akan digunakan
194 $pdf->SetFont('Arial','B',16);
195 // mencetak string
196 $pdf->Cell(190,7,'Laporan Daftar user',0,1,'C');
197 $pdf->SetFont('Arial','B',12);
198 $pdf->Cell(190,7,$currentdate,0,1,'C');
199 // Memberikan space dibawah agar tidak terlalu rapat
200 $pdf->Cell(10,7,'',0,1);
201 $pdf->SetFont('Arial','B',10);
202 $pdf->Cell(20,6,'ID user',1,0);
203 $pdf->Cell(25,6,'Username',1,0);
204 $pdf->Cell(25,6,'Password',1,0);
205 $pdf->Cell(25,6,'Status',1,0);
206 $pdf->Cell(25,6,'Role',1,1);
207 $pdf->SetFont('Arial','',10);
208 $mahasiswa = $this->db->get('user')->result();
209 foreach ($mahasiswa as $row){
210     $pdf->Cell(20,6,$row->id_user,1,0);
211     $pdf->Cell(25,6,$row->username,1,0);
212     $pdf->Cell(25,6,$row->password,1,0);
213     $pdf->Cell(25,6,$row->status_user,1,0);
214     $pdf->Cell(25,6,$row->role_user,1,1);
215 }
216 $pdf->Output();
217 }
218
219 public function buatpdfdosen(){
220     $pdf = new FPDF('l','mm','A5');
221     // membuat halaman baru
222     date_default_timezone_set('US/Eastern');
223     $currentdate = date("m-d-Y");
224
225     $pdf->AddPage();
226     // setting jenis font yang akan digunakan
227     $pdf->SetFont('Arial','B',16);
228     // mencetak string
229     $pdf->Cell(190,7,'Laporan Daftar dosen',0,1,'C');
230     $pdf->SetFont('Arial','B',12);
231     $pdf->Cell(190,7,$currentdate,0,1,'C');
232     // Memberikan space dibawah agar tidak terlalu rapat
233     $pdf->Cell(10,7,'',0,1);
234     $pdf->SetFont('Arial','B',10);
235     $pdf->Cell(20,6,'ID Dosen',1,0);
236     $pdf->Cell(70,6,'Nama Dosen',1,0);
237     $pdf->Cell(15,6,'Prodi',1,0);
238     $pdf->Cell(70,6,'Foto',1,0);
239     $pdf->Cell(25,6,'Status',1,1);
240     $pdf->SetFont('Arial','',10);
241     $mahasiswa = $this->db->get('dosen')->result();
242     foreach ($mahasiswa as $row){
243         $pdf->Cell(20,6,$row->id_dosen,1,0);
244         $pdf->Cell(70,6,$row->nama_dosen,1,0);
245         $pdf->Cell(15,6,$row->id_prodi_dosen,1,0);

```

```

246     ##$pdf->Cell(70,6,$row->foto_dosen,1,0);
247     $pdf->Cell(25,6,$row->status,1,1);
248     }
249     $pdf->Output();
250 }
251
252 public function buatpdfmahasiswa(){
253     $pdf = new FPDF('l','mm','A5');
254     // membuat halaman baru
255     date_default_timezone_set('US/Eastern');
256     $currentdate = date("m-d-Y");
257
258     $pdf->AddPage();
259     // setting jenis font yang akan digunakan
260     $pdf->SetFont('Arial','B',16);
261     // mencetak string
262     $pdf->Cell(190,7,'Laporan Daftar mahasiswa',0,1,'C');
263     $pdf->SetFont('Arial','B',12);
264     $pdf->Cell(190,7,$currentdate,0,1,'C');
265     // Memberikan space kebawah agar tidak terlalu rapat
266     $pdf->Cell(10,7,'',0,1);
267     $pdf->SetFont('Arial','B',10);
268     $pdf->Cell(30,6,'ID mahasiswa',1,0);
269     $pdf->Cell(40,6,'Nama ',1,0);
270     $pdf->Cell(15,6,'Kelas ',1,0);
271     $pdf->Cell(15,6,'Prodi ',1,0);
272     #$pdf->Cell(20,6,'Foto ',1,0);
273     $pdf->Cell(25,6,'Angkatan',1,1);
274
275
276     $pdf->SetFont('Arial','',10);
277     $mahasiswa = $this->db->get('mahasiswa')->result();
278     foreach ($mahasiswa as $row){
279         $pdf->Cell(30,6,$row->id_mahasiswa,1,0);
280         $pdf->Cell(40,6,$row->nama_mahasiswa,1,0);
281         #$pdf->Cell(20,6,$row->foto_mahasiswa,1,0);
282         $pdf->Cell(15,6,$row->kelas_mahasiswa,1,0);
283         $pdf->Cell(15,6,$row->id_prodi_mahasiswa,1,0);
284         $pdf->Cell(25,6,$row->angkatan_mahasiswa,1,1);
285     }
286     $pdf->Output();
287 }
288
289 public function buatpdfintern(){
290     $pdf = new FPDF('l','mm','A5');
291     // membuat halaman baru
292     date_default_timezone_set('US/Eastern');
293     $currentdate = date("m-d-Y");
294
295     $pdf->AddPage();
296     // setting jenis font yang akan digunakan
297     $pdf->SetFont('Arial','B',16);
298     // mencetak string
299     $pdf->Cell(190,7,'Laporan Daftar intern',0,1,'C');
300     $pdf->SetFont('Arial','B',12);
301     $pdf->Cell(190,7,$currentdate,0,1,'C');

```



```

302         // Memberikan space dibawah agar tidak terlalu rapat
303         $pdf->Cell(10,7,'',0,1);
304         $pdf->SetFont('Arial','B',10);
305         $pdf->Cell(20,6,'ID Intern',1,0);
306         $pdf->Cell(25,6,'ID Koor Intern',1,0);
307         $pdf->Cell(20,6,'Status',1,0);
308         $pdf->Cell(40,6,'Tanggal Mulai',1,0);
309         $pdf->Cell(40,6,'Tanggal Berakhir',1,1);
310         $pdf->SetFont('Arial','',10);
311         $mahasiswa = $this->db->get('intern')->result();
312         foreach ($mahasiswa as $row){
313             $pdf->Cell(20,6,$row->id_intern,1,0);
314             $pdf->Cell(25,6,$row->id_koor_intern,1,0);
315             $pdf->Cell(20,6,$row->status_intern,1,0);
316             $pdf->Cell(40,6,$row->tgl_mulai_intern,1,0);
317             $pdf->Cell(40,6,$row->tgl_akhir_intern,1,1);
318         }
319         $pdf->Output();
320     }
321
322     public function getaddress($lat,$lng)
323     {
324
325         #hapus pagar pada lat dan lng kemudian ubah return jadi echo
326         # $lat = "-6.873656";
327         # $lng = "107.575550";
328         $url = 'https://us1.locationiq.com/v1/reverse.php?key=l
e2358be8ca540&lat='.$lat.'&lon='.$lng.'&format=json';
329
330         $json = @file_get_contents($url);
331         $data=json_decode($json,true);
332         $status = $data['display_name'];
333         if (isset($status))
334         {
335             return $status;
336         }
337         else
338         {
339             return false;
340         }
341     }
342
343     public function buatpdfabsensi(){
344         $pdf = new FPDF('l','mm','A3');
345         // membuat halaman baru
346         date_default_timezone_set('US/Eastern');
347         $currentdate = date("m-d-Y");
348
349         $pdf->AddPage();
350         // setting jenis font yang akan digunakan
351         $pdf->SetFont('Arial','B',16);
352         // mencetak string
353         $pdf->Cell(190,7,'Laporan Daftar absensi',0,1,'C');
354         $pdf->SetFont('Arial','B',12);
355         $pdf->Cell(190,7,$currentdate,0,1,'C');
356         // Memberikan space dibawah agar tidak terlalu rapat

```

```

357     $pdf->Cell(10,7,'',0,1);
358     $pdf->SetFont('Arial','B',10);
359     $pdf->Cell(15,6,'Absensi',1,0);
360     $pdf->Cell(15,6,'Intern',1,0);
361     $pdf->Cell(20,6,'Mahasiswa',1,0);
362     $pdf->Cell(20,6,'Dosen',1,0);
363     $pdf->Cell(140,6,'Lokasi',1,0);
364     # $pdf->Cell(45,6,'Longitude',1,0);
365     $pdf->Cell(20,6,'Jarak',1,0);
366     $pdf->Cell(25,6,'Tanggal',1,0);
367     $pdf->Cell(20,6,'Kegiatan',1,0);
368     $pdf->Cell(25,6,'IMEI',1,1);
369     $pdf->SetFont('Arial','',10);
370     $this->db->distinct();
371     $this->db->select('a.id_absensi,a.id_intern_absensi,a.
372     id_mahasiswa_absensi,a.id_dosen_absensi,
373     a.latitude_absensi,a.longitude_absensi,a.tgl_waktu_absensi,a.
374     imei_perangkat_absensi,a.kegiatan_absensi
375     ,b.pergeseran_absensi');
376     $this->db->from('absensi a');
377     $this->db->join('detail_absensi b','b.id_mahasiswa_dt_absensi=a.
378     id_mahasiswa_absensi','inner');
379     $mahasiswa = $this->db->get('absensi')->result();
380
381     foreach ($mahasiswa as $row){
382         $pdf->Cell(15,6,$row->id_absensi,1,0);
383         $pdf->Cell(15,6,$row->id_intern_absensi,1,0);
384         $pdf->Cell(20,6,$row->id_mahasiswa_absensi,1,0);
385         $pdf->Cell(20,6,$row->id_dosen_absensi,1,0);
386         $lat = $row->latitude_absensi;
387         $long = $row->longitude_absensi;
388         $pdf->Cell(140,6,$this->getaddress($lat,$long),1,0);
389         $pdf->Cell(20,6,$this->getstatusjarak($row->pergeseran_absensi
390         ,1,0);
391         $pdf->Cell(25,6,$row->tgl_waktu_absensi,1,0);
392         $pdf->Cell(20,6,$row->kegiatan_absensi,1,0);
393         $pdf->Cell(25,6,$row->imei_perangkat_absensi,1,1);
394     }
395     $pdf->Output();
396 }
397
398 public function getstatusjarak($pergeseran_absensi){
399     if($pergeseran_absensi > 20){
400         return 'out spot';
401     } else {
402         return 'on the spot';
403     }
404 }
405
406 function buatlaporangrafik($id){
407     $x['data'] = $this->m_data_user->get_data_stok($id);
408     $this->load->view('chart-view',$x);
409 }
410 }

```

```
1 <?php
2
3 class M_data_peta extends CI_Model{
4     function tampil_data(){
5         return $this->db->get('absensi');
6     }
7 }
```

```
1 <?php
2
3 class m_data_user extends CI_Model{
4
5     function __construct()
6     {
7         parent::__construct();
8         $this->load->database();
9     }
10
11     function tampil_data(){
12         return $this->db->get('user');
13     }
14
15     //get all data mahasiswa
16
17     public function getdata_mahasiswa(){
18
19         return $this->db->get('mahasiswa');
20     }
21
22     //get data intern
23     public function getintern(){
24         $this->db->where('status_intern','berjalan');
25
26
27         return $this->db->get('intern');
28     }
29
30     //get all data dosen
31
32     public function getdata_dosen(){
33
34         return $this->db->get('dosen');
35     }
36     public function getdata_user(){
37
38         return $this->db->get('user');
39     }
40
41
42
43
44     //get jumlah dosen eksternal
45     public function getjumlahdosenJSON(){
46
47         $this->db->where('status','eksternal');
48 }
```

```
49         return $this->db->get('dosen')->num_rows();
50     }
51
52     // get jumlah dosen internal
53     public function getjumlahdoseninternalJSON(){
54
55         $this->db->where('status','internal');
56
57         return $this->db->get('dosen')->num_rows();
58     }
59     // get jumlah dosen
60
61     public function gettahunangkatan(){
62
63         $this->db->select('angkatan_mahasiswa');
64         $this->db->distinct();
65         $this->db->order_by("angkatan_mahasiswa", "asc");
66
67         return $this->db->get('mahasiswa');
68     }
69
70     // get jumlah mahasiswa 2015
71     public function getjumlahmahasiswa2015(){
72
73         $this->db->where('angkatan_mahasiswa','2015');
74
75         return $this->db->get('mahasiswa')->num_rows();
76     }
77     // get jumlah mahasiswa
78
79     // get jumlah mahasiswa 2016
80     public function getjumlahmahasiswa2016(){
81
82         $this->db->where('angkatan_mahasiswa','2016');
83
84         return $this->db->get('mahasiswa')->num_rows();
85     }
86     // get jumlah mahasiswa
87
88     // get jumlah mahasiswa 2017
89     public function getjumlahmahasiswa2017(){
90
91         $this->db->where('angkatan_mahasiswa','2017');
92
93         return $this->db->get('mahasiswa')->num_rows();
94     }
95     // get jumlah mahasiswa
96
97     // get jumlah mahasiswa
98     public function getjumlahmahasiswaJSON(){
99
100         $query = $this->db->get('mahasiswa');
101         if($query->num_rows()>0)
102         {
103             return $query->num_rows();
104         }
```

```

105         else
106         {
107             return 0;
108         }
109     }
110     // get jumlah mahasiswa
111
112     // get jumlah intern
113     public function getjumlahlokasiinternshipJSON() {
114
115         $query = $this->db->get('intern');
116         if ($query->num_rows() > 0)
117         {
118             return $query->num_rows();
119         }
120         else
121         {
122             return 0;
123         }
124     }
125     // get jumlah intern
126
127     // get jumlah user
128     public function getjumlahuserJSON() {
129         $this->db->where('status_user', 'aktif');
130         $query = $this->db->get('user');
131         if ($query->num_rows() > 0)
132         {
133             return $query->num_rows();
134         }
135         else
136         {
137             return 0;
138         }
139     }
140     // get jumlah user
141
142     public function getCustomers()
143     {
144         $page = isset($_POST['page']) ? intval($_POST['page']) : 1;
145         $rows = isset($_POST['rows']) ? intval($_POST['rows']) : 50;
146         $sort = isset($_POST['sort']) ? strval($_POST['sort']) : '
147         user.id_user';
148         $order = isset($_POST['order']) ? strval($_POST['order']) : '
149         asc';
150         $search = isset($_POST['search_customer']) ? strval($_POST['
151         search_customer']) : '';
152         $offset = ($page-1)*$rows;
153
154         $result = array();
155         $result['total'] = $this->db->get('user')->num_rows();
156         $row = array();
157
158         // select data from table product
159         $query = "SELECT *
160                 from user

```

```

158         where concat(id_user,username,password,status_user ,
role_user) like '%$search%' order by $sort $order limit $offset ,
$rows";
159
160     $country = $this->db->query($query)->result_array();
161     $result = array_merge($result , [ 'rows' => $country]);
162     return $result;
163 }
164
165 public function getCustomersJSON(){
166
167     $query = $this->db->get('absensi');
168
169     // Return associative data array
170     return $query->result_array();
171 }
172
173
174
175 //start prodi
176 public function getprodiJSON(){
177
178
179     $page = isset($_POST['page']) ? intval($_POST['page']) : 1;
180     $rows = isset($_POST['rows']) ? intval($_POST['rows']) : 50;
181     $sort = isset($_POST['sort']) ? strval($_POST['sort']) : '
prodi.id_prodi';
182     $order = isset($_POST['order']) ? strval($_POST['order']) : '
asc';
183     $search = isset($_POST['search_prodi']) ? strval($_POST['
search_prodi']) : '';
184     $offset = ($page-1)*$rows;
185
186     $result = array();
187     $result['total'] = $this->db->get('prodi')->num_rows();
188     $row = array();
189
190     // select data from table product
191     $query = "SELECT *
192             from prodi
193             where concat(id_prodi,',',nama_prodi) like '%$search%'
194             order by $sort $order limit $offset , $rows";
195
196     $country = $this->db->query($query)->result_array();
197     $result = array_merge($result , [ 'rows' => $country]);
198     return $result;
199 }
200 public function saveprodi()
201 {
202     $data = [
203         'id_prodi' => $this->input->post('id_prodi'),
204         'nama_prodi' => $this->input->post('nama_prodi'),
205     ];
206     $this->db->insert('prodi',$data);
207     return $this;

```

```

208 }
209
210 public function updateprodi($id)
211 {
212     $data = [
213
214         'nama_prodi' => $this->input->post('nama_prodi'),
215
216     ];
217
218     $this->db->where('id_prodi',$id);
219     $this->db->set($data);
220     return $this->db->update('prodi');
221 }
222
223 public function destroyprodi($id_prodi)
224 {
225     $this->db->where('id_prodi',$id_prodi);
226     return $this->db->delete('prodi');
227     // return $this->db->delete($this->table,['id' => $id]);
228 }
229
230 //end prodi
231
232
233 //start dosen
234 public function getdosenJSON(){
235
236
237     $page = isset($_POST['page']) ? intval($_POST['page']) : 1;
238     $rows = isset($_POST['rows']) ? intval($_POST['rows']) : 50;
239     $sort = isset($_POST['sort']) ? strval($_POST['sort']) : '
dosen.id_dosen';
240     $order = isset($_POST['order']) ? strval($_POST['order']) : '
asc';
241     $search = isset($_POST['search_dosen']) ? strval($_POST['
search_dosen']) : '';
242     $offset = ($page-1)*$rows;
243
244     $result = array();
245     $result['total'] = $this->db->get('dosen')->num_rows();
246     $row = array();
247
248     // select data from table product
249     $query = "SELECT *
250         from dosen
251         where concat(id_dosen,nama_dosen,id_prodi_dosen ,
foto_dosen,status) like '%$search%' order by $sort $order limit
$offset, $rows";
252
253     $country = $this->db->query($query)->result_array();
254     $result = array_merge($result, ['rows' => $country]);
255     return $result;
256 }
257 public function savedosen()
258 {

```

```

259     $data = [
260         'id_dosen' => $this->input->post('id_dosen'),
261         'nama_dosen' => $this->input->post('nama_dosen'),
262         'id_prodi_dosen' => $this->input->post('id_prodi_dosen'),
263         'foto_dosen' => $this->input->post('foto_dosen'),
264         'status' => $this->input->post('status'),
265     ];
266     $this->db->insert('dosen',$data);
267     return $this;
268 }
269
270 public function updatedosen($id)
271 {
272     $data = [
273
274         'nama_dosen' => $this->input->post('nama_dosen'),
275         'id_prodi_dosen' => $this->input->post('id_prodi_dosen'),
276         'foto_dosen' => $this->input->post('foto_dosen'),
277         'status' => $this->input->post('status'),
278
279     ];
280
281     $this->db->where('id_dosen',$id);
282     $this->db->set($data);
283     return $this->db->update('dosen');
284 }
285
286 public function destroydosen($id_dosen)
287 {
288     $this->db->where('id_dosen',$id_dosen);
289     return $this->db->delete('dosen');
290     // return $this->db->delete($this->table,['id' => $id]);
291 }
292
293 //end dosen
294
295 // start mahasiswa
296 public function getmahasiswaJSON(){
297
298     $page = isset($_POST['page']) ? intval($_POST['page']) : 1;
299     $rows = isset($_POST['rows']) ? intval($_POST['rows']) : 50;
300     $sort = isset($_POST['sort']) ? strval($_POST['sort']) : '
301     mahasiswa.id_mahasiswa';
302     $order = isset($_POST['order']) ? strval($_POST['order']) : '
303     asc';
304     $search = isset($_POST['search_mahasiswa']) ? strval($_POST['
305     search_mahasiswa']) : '';
306     $offset = ($page-1)*$rows;
307
308     $result = array();
309     $result['total'] = $this->db->get('mahasiswa')->num_rows();
310     $row = array();
311
312     // select data from table product
313     $query = "SELECT *

```



```

312         from mahasiswa
313         where concat(id_mahasiswa,nama_mahasiswa,kelas_mahasiswa,
id_prodi_mahasiswa,angkatan_mahasiswa,foto_mahasiswa) like '%
Ssearch%' order by $sort $order limit $offset, $rows";

314
315     $country = $this->db->query($query)->result_array();
316     $result = array_merge($result, ['rows' => $country]);
317     return $result;
318 }
319 public function savemahasiswa()
320 {
321     $data = [
322         'id_mahasiswa' => $this->input->post('id_mahasiswa'),
323         'nama_mahasiswa' => $this->input->post('nama_mahasiswa'),
324         'kelas_mahasiswa' => $this->input->post('kelas_mahasiswa'
),
325         'id_prodi_mahasiswa' => $this->input->post('
id_prodi_mahasiswa'),
326         'angkatan_mahasiswa' => $this->input->post('
angkatan_mahasiswa'),
327         'foto_mahasiswa' => $this->input->post('foto_mahasiswa'),
328     ];
329     $this->db->insert('mahasiswa',$data);
330     return $this;
331 }
332
333 public function updatemahasiswa($id)
334 {
335     $data = [
336
337         'nama_mahasiswa' => $this->input->post('nama_mahasiswa'),
338         'kelas_mahasiswa' => $this->input->post('kelas_mahasiswa'
),
339         'id_prodi_mahasiswa' => $this->input->post('
id_prodi_mahasiswa'),
340         'angkatan_mahasiswa' => $this->input->post('
angkatan_mahasiswa'),
341         'foto_mahasiswa' => $this->input->post('foto_mahasiswa'),
342     ];
343
344     $this->db->where('id_mahasiswa',$id);
345     $this->db->set($data);
346     return $this->db->update('mahasiswa');
347 }
348
349
350 public function destroymahasiswa($id_mahasiswa)
351 {
352     $this->db->where('id_mahasiswa',$id_mahasiswa);
353     return $this->db->delete('mahasiswa');
354     // return $this->db->delete($this->table,['id' => $id]);
355 }
356
357 //end mahasiswa
358
359 //start intern

```

```

360 public function getinternJSON(){
361
362
363     $page = isset($_POST['page']) ? intval($_POST['page']) : 1;
364     $rows = isset($_POST['rows']) ? intval($_POST['rows']) : 50;
365     $sort = isset($_POST['sort']) ? strval($_POST['sort']) : '
intern.id_intern';
366     $order = isset($_POST['order']) ? strval($_POST['order']) : '
asc';
367     $search = isset($_POST['search_intern']) ? strval($_POST['
search_intern']) : '';
368     $offset = ($page-1)*$rows;
369
370     $result = array();
371     $result['total'] = $this->db->get('intern')->num_rows();
372     $row = array();
373
374     // select data from table product
375     $query = "SELECT *
376             from intern
377             where concat(id_intern,id_koor_intern,status_intern ,
tgl_mulai_intern,tgl_akhir_intern) like '%$search%' order by
$sort $order limit $offset, $rows";
378
379     $country = $this->db->query($query)->result_array();
380     $result = array_merge($result, ['rows' => $country]);
381     return $result;
382 }
383 public function saveintern()
384 {
385     $tanggal_mulai = $this->input->post('tgl_mulai_intern');
386     $tanggal_akhir = $this->input->post('tgl_akhir_intern');
387     $formattanggalmulai = date("YYYY-MM-DD hh:mm:ss", strtotime(
Stanggal_mulai));
388     $formattanggalakhir = date("YYYY-MM-DD hh:mm:ss", strtotime(
Stanggal_akhir));
389
390
391     $data = [
392         'id_intern' => $this->input->post('id_intern'),
393         'id_koor_intern' => $this->input->post('id_koor_intern'),
394         'status_intern' => $this->input->post('status_intern'),
395         'tgl_mulai_intern' => $formattanggalmulai,
396         'tgl_akhir_intern' => $formattanggalakhir,
397     ];
398     $this->db->insert('intern',$data);
399     return $this;
400 }
401
402 public function updateintern($id)
403 {
404     $tanggal_mulai = $this->input->post('tgl_mulai_intern');
405     $tanggal_akhir = $this->input->post('tgl_akhir_intern');
406     $formattanggalmulai = date("YYYY-MM-DD hh:mm:ss", strtotime(
Stanggal_mulai));

```

```

407     $formattanggalakhir = date("YYYY-MM-DD hh:mm:ss", strtotime(
    Stanggal_mulai));
408
409     $data = [
410         'id_koor_intern' => $this->input->post('id_koor_intern'),
411         'status_intern' => $this->input->post('status_intern'),
412         'tgl_mulai_intern' => $formattanggal_mulai,
413         'tgl_akhir_intern' => $formattanggalakhir,
414     ];
415
416     $this->db->where('id_intern',$id);
417     $this->db->set($data);
418     return $this->db->update('intern');
419 }
420
421 public function destroyintern($id_intern)
422 {
423     $this->db->where('id_intern',$id_intern);
424     return $this->db->delete('intern');
425     // return $this->db->delete($this->table,['id' => $id]);
426 }
427
428 //end intern
429
430 //start absensi
431 public function getabsensiJSON(){
432
433
434     $page = isset($_POST['page']) ? intval($_POST['page']) : 1;
435     $rows = isset($_POST['rows']) ? intval($_POST['rows']) : 50;
436     $sort = isset($_POST['sort']) ? strval($_POST['sort']) : '
absensi.id_absensi';
437     $order = isset($_POST['order']) ? strval($_POST['order']) : '
asc';
438     $search = isset($_POST['search_absensi']) ? strval($_POST['
search_absensi']) : '';
439     $offset = ($page-1)*$rows;
440
441     $result = array();
442     $result['total'] = $this->db->get('absensi')->num_rows();
443     $row = array();
444
445     // select data from table product
446     $query = "SELECT *
447         from absensi
448         where concat(id_absensi,id_intern_absensi,
id_mahasiswa_absensi,id_dosen_absensi,latitude_absensi,
longitude_absensi,tgl_waktu_absensi,imei_perangkat_absensi,
foto_absensi) like '%$search%' order by $sort $order limit
$offset, $rows";
449
450     $country = $this->db->query($query)->result_array();
451     $result = array_merge($result, ['rows' => $country]);
452     return $result;
453 }
454

```

```

455 public function saveabsensi()
456 {
457     $data = [
458         'id_absensi' => $this->input->post('id_absensi'),
459         'id_intern_absensi' => $this->input->post('
460 id_intern_absensi'),
461         'id_mahasiswa_absensi' => $this->input->post('
462 id_mahasiswa_absensi'),
463         'id_dosen_absensi' => $this->input->post('
464 id_dosen_absensi'),
465         'latitude_absensi' => $this->input->post('
466 latitude_absensi'),
467         'longitude_absensi' => $this->input->post('
468 longitude_absensi'),
469         'tgl_waktu_absensi' => $this->input->post('
470 tgl_waktu_absensi'),
471         'imei_perangkat_absensi' => $this->input->post('
472 imei_perangkat_absensi'),
473         'kegiatan_absensi' => $this->input->post('
474 kegiatan_absensi'),
475         'foto_absensi' => $this->input->post('foto_absensi'),
476
477     ];
478
479     return $this->db->insert('absensi', $data);
480 }
481
482 public function updateabsensi($id)
483 {
484     $data = [
485         'id_intern_absensi' => $this->input->post('
486 id_intern_absensi'),
487         'id_mahasiswa_absensi' => $this->input->post('
488 id_mahasiswa_absensi'),
489         'id_dosen_absensi' => $this->input->post('
490 id_dosen_absensi'),
491         'latitude_absensi' => $this->input->post('
492 latitude_absensi'),
493         'longitude_absensi' => $this->input->post('
494 longitude_absensi'),
495         'tgl_waktu_absensi' => $this->input->post('
496 tgl_waktu_absensi'),
497         'imei_perangkat_absensi' => $this->input->post('
498 imei_perangkat_absensi'),
499         'kegiatan_absensi' => $this->input->post('
500 kegiatan_absensi'),
501         'foto_absensi' => $this->input->post('foto_absensi'),
502
503     ];
504     $this->db->where('id_absensi', $id);
505     $this->db->set($data);
506     return $this->db->update('absensi');
507 }

```

```

495 public function destroyabsensi($id_absensi)
496 {
497     $this->db->where('id_absensi',$id_absensi);
498     return $this->db->delete('absensi');
499     // return $this->db->delete($this->table,['id' => $id]);
500 }
501
502 //end absensi
503
504 //start trigger_radius
505
506 public function gettrigger_radiusJSON(){
507
508     $page = isset($_POST['page']) ? intval($_POST['page']) : 1;
509     $rows = isset($_POST['rows']) ? intval($_POST['rows']) : 50;
510     $sort = isset($_POST['sort']) ? strval($_POST['sort']) : '
511     trigger_radius.id_trigger';
512     $order = isset($_POST['order']) ? strval($_POST['order']) : '
513     asc';
514     $search = isset($_POST['search_trigger_radius']) ? strval(
515     $_POST['search_trigger_radius']) : '';
516     $offset = ($page-1)*$rows;
517
518     $result = array();
519     $result['total'] = $this->db->get('trigger_radius')->num_rows
520     ();
521     $row = array();
522
523     // select data from table product
524     $query = "SELECT *
525     from trigger_radius
526     where concat(id_trigger,','id_intern,','id_absensi','
527     radius') like '%$search%' order by $sort $order limit $offset,
528     $rows";
529
530     $country = $this->db->query($query)->result_array();
531     $result = array_merge($result, ['rows' => $country]);
532     return $result;
533 }
534
535 //end trigger_radius
536
537 public function saveCustomer()
538 {
539     $data = [
540         'id_user' => $this->input->post('id_user'),
541         'username' => $this->input->post('username'),
542         'password' => $this->input->post('password'),
543         'status_user' => $this->input->post('status_user'),
544         'role_user' => $this->input->post('role_user'),
545
546     ];
547     $this->db->insert('user',$data);

```

```

545         return $this;
546     }
547
548     public function updateCustomer($id)
549     {
550         $data = [
551             'username' => $this->input->post('username'),
552             'password' => $this->input->post('password'),
553             'status_user' => $this->input->post('status_user'),
554             'role_user' => $this->input->post('role_user'),
555         ];
556
557         $this->db->where('id_user',$id);
558         $this->db->set($data);
559         return $this->db->update('user');
560     }
561
562     public function destroyCustomer($id_user)
563     {
564         $this->db->where('id_user',$id_user);
565         return $this->db->delete('user');
566         // return $this->db->delete($this->table,['id' => $id]);
567     }
568
569     // get data untuk dropdown
570     function getprodidropdownn(){
571         $query = $this->db->query('SELECT * FROM prodi');
572         return $query;
573     }
574
575     function get_data_stok($id){
576         $query = $this->db->query("SELECT id_mahasiswa,COUNT(
577             id_mahasiswa) AS kegiatan,datetime_absensi FROM absensi WHERE
578             DATEFORMAT(datetime_absensi, '%M') = '$id'");
579
580         if($query->num_rows() > 0){
581             foreach($query->result() as $data){
582                 $hasil[] = $data;
583             }
584             return $hasil;
585         }
586     }
587
588     // start laporan per mahasiswa
589
590     function get_data_jan($id){
591         $query = $this->db->query("SELECT id_mahasiswa_absensi ,COUNT
592             (DATEFORMAT(tgl_waktu_absensi, '%M')) as kegiatan FROM absensi
593             WHERE DATEFORMAT(tgl_waktu_absensi, '%M') ='January' AND
594             id_mahasiswa_absensi =$id");
595
596         if($query->num_rows() > 0){
597             foreach($query->result() as $data){
598                 $hasil[] = $data;
599             }
600             return $hasil;

```

```

597     }
598 }
599
600 function get_data_feb($id){
601     $query = $this->db->query("SELECT id_mahasiswa_absensi ,COUNT
        (DATE_FORMAT(tgl_waktu_absensi , '%M')) as kegiatan FROM absensi
602         WHERE DATE_FORMAT(tgl_waktu_absensi , '%M') ='February' AND
        id_mahasiswa_absensi =$id");
603
604     if($query->num_rows() > 0){
605         foreach($query->result() as $data){
606             $hasil[] = $data;
607         }
608         return $hasil;
609     }
610 }
611
612 function get_data_mar($id){
613     $query = $this->db->query("SELECT id_mahasiswa_absensi ,COUNT
        (DATE_FORMAT(tgl_waktu_absensi , '%M')) as kegiatan FROM absensi
614         WHERE DATE_FORMAT(tgl_waktu_absensi , '%M') ='March' AND
        id_mahasiswa_absensi =$id");
615
616     if($query->num_rows() > 0){
617         foreach($query->result() as $data){
618             $hasil[] = $data;
619         }
620         return $hasil;
621     }
622 }
623
624 function get_data_apr($id){
625     $query = $this->db->query("SELECT id_mahasiswa_absensi ,COUNT
        (DATE_FORMAT(tgl_waktu_absensi , '%M')) as kegiatan FROM absensi
626         WHERE DATE_FORMAT(tgl_waktu_absensi , '%M') ='April' AND
        id_mahasiswa_absensi =$id");
627
628     if($query->num_rows() > 0){
629         foreach($query->result() as $data){
630             $hasil[] = $data;
631         }
632         return $hasil;
633     }
634 }
635
636 function get_data_may($id){
637     $query = $this->db->query("SELECT id_mahasiswa_absensi ,COUNT
        (DATE_FORMAT(tgl_waktu_absensi , '%M')) as kegiatan FROM absensi
638         WHERE DATE_FORMAT(tgl_waktu_absensi , '%M') ='May' AND
        id_mahasiswa_absensi =$id");
639
640     if($query->num_rows() > 0){
641         foreach($query->result() as $data){
642             $hasil[] = $data;
643         }
644         return $hasil;

```

```
645     }
646   }
647
648   function get_data_june($id){
649     $query = $this->db->query("SELECT id_mahasiswa_absensi ,COUNT
650     (DATE_FORMAT(tgl_waktu_absensi , '%M')) as kegiatan FROM absensi
651     WHERE DATE_FORMAT(tgl_waktu_absensi , '%M') ='June' AND
652     id_mahasiswa_absensi =$id");
653
654     if($query->num_rows() > 0){
655       foreach($query->result() as $data){
656         $hasil[] = $data;
657       }
658       return $hasil;
659     }
660   }
661
662   function get_data_july($id){
663     $query = $this->db->query("SELECT id_mahasiswa_absensi ,COUNT
664     (DATE_FORMAT(tgl_waktu_absensi , '%M')) as kegiatan FROM absensi
665     WHERE DATE_FORMAT(tgl_waktu_absensi , '%M') ='July' AND
666     id_mahasiswa_absensi =$id");
667
668     if($query->num_rows() > 0){
669       foreach($query->result() as $data){
670         $hasil[] = $data;
671       }
672       return $hasil;
673     }
674   }
675
676   function get_data_aug($id){
677     $query = $this->db->query("SELECT id_mahasiswa_absensi ,COUNT
678     (DATE_FORMAT(tgl_waktu_absensi , '%M')) as kegiatan FROM absensi
679     WHERE DATE_FORMAT(tgl_waktu_absensi , '%M') ='August' AND
680     id_mahasiswa_absensi =$id");
681
682     if($query->num_rows() > 0){
683       foreach($query->result() as $data){
684         $hasil[] = $data;
685       }
686       return $hasil;
687     }
688   }
689
690   function get_data_sep($id){
691     $query = $this->db->query("SELECT id_mahasiswa_absensi ,COUNT
692     (DATE_FORMAT(tgl_waktu_absensi , '%M')) as kegiatan FROM absensi
693     WHERE DATE_FORMAT(tgl_waktu_absensi , '%M') ='September' AND
694     id_mahasiswa_absensi =$id");
695
696     if($query->num_rows() > 0){
697       foreach($query->result() as $data){
698         $hasil[] = $data;
699       }
700       return $hasil;
701     }
702   }
```



```

693     }
694 }
695
696 function get_data_oct($id){
697     $query = $this->db->query("SELECT id_mahasiswa_absensi ,COUNT
        (DATE_FORMAT(tgl_waktu_absensi , '%M')) as kegiatan FROM absensi
698     WHERE DATE_FORMAT(tgl_waktu_absensi , '%M') ='October'AND
        id_mahasiswa_absensi =$id");
699
700     if($query->num_rows() > 0){
701         foreach($query->result() as $data){
702             $hasil[] = $data;
703         }
704         return $hasil;
705     }
706 }
707
708 function get_data_nov($id){
709     $query = $this->db->query("SELECT id_mahasiswa_absensi ,COUNT
        (DATE_FORMAT(tgl_waktu_absensi , '%M')) as kegiatan FROM absensi
710     WHERE DATE_FORMAT(tgl_waktu_absensi , '%M') ='November'AND
        id_mahasiswa_absensi =$id");
711
712     if($query->num_rows() > 0){
713         foreach($query->result() as $data){
714             $hasil[] = $data;
715         }
716         return $hasil;
717     }
718 }
719
720 function get_data_dec($id){
721     $query = $this->db->query("SELECT id_mahasiswa_absensi ,COUNT
        (DATE_FORMAT(tgl_waktu_absensi , '%M')) as kegiatan FROM absensi
722     WHERE DATE_FORMAT(tgl_waktu_absensi , '%M') ='December'AND
        id_mahasiswa_absensi =$id");
723
724     if($query->num_rows() > 0){
725         foreach($query->result() as $data){
726             $hasil[] = $data;
727         }
728         return $hasil;
729     }
730 }
731
732
733 //end laporan per mahasiswa
734
735 // start kelola halaman dosen
736 //start kelola profile dosen
737
738 //start dosen
739 public function getprofiledosenJSON($id_pengguna){
740
741
742     $page = isset($_POST['page']) ? intval($_POST['page']) : 1;

```

```

743     $rows = isset($_POST['rows']) ? intval($_POST['rows']) : 50;
744     $sort = isset($_POST['sort']) ? strval($_POST['sort']) : 'a.
id_dosen';
745     $order = isset($_POST['order']) ? strval($_POST['order']) : '
asc';

746
747     $offset = ($page-1)*$rows;
748
749     $result = array();
750     $result['total'] = $this->db->get('dosen')->num_rows();
751     $row = array();
752
753     // select data from table product
754     $query = "SELECT a.id_dosen , a.nama_dosen , a.id_prodi_dosen , a.
foto_dosen , b.username , b.password
755             from dosen a
756             INNER JOIN user b ON a.id_dosen = b.id_user
757             WHERE a.id_dosen = $id_pengguna
758             order by $sort $order limit $offset , $rows";
759
760     $country = $this->db->query($query)->result_array();
761     $result = array_merge($result , ['rows' => $country]);
762     return $result;
763 }
764 public function updatprofiledositabledosen($id)
765 {
766     $data = [
767
768         'nama_dosen' => $this->input->post('nama_dosen') ,
769         'foto_dosen' => $this->input->post('foto_dosen') ,
770     ];
771
772     $this->db->where('id_dosen' , $id);
773     $this->db->set($data);
774     return $this->db->update('dosen');
775 }
776
777 public function updatprofiledositableuser($id)
778 {
779     $data = [
780
781         'username' => $this->input->post('username') ,
782         'password' => $this->input->post('password') ,
783     ];
784
785     $this->db->where('id_user' , $id);
786     $this->db->set($data);
787     return $this->db->update('user');
788 }
789
790
791 //end dosen
792
793
794 //end kelola profile dosen
795

```

```

796 //start view dosen mahasiswa
797 public function getdosenmahasiswa($id_pengguna){
798
799
800
801     $page = isset($_POST['page']) ? intval($_POST['page']) : 1;
802     $rows = isset($_POST['rows']) ? intval($_POST['rows']) : 50;
803     $sort = isset($_POST['sort']) ? strval($_POST['sort']) : 'a.
id_mahasiswa';
804     $order = isset($_POST['order']) ? strval($_POST['order']) : '
asc';
805
806     $offset = ($page-1)*$rows;
807
808     $result = array();
809     $result['total'] = $this->db->get('dosen')->num_rows();
810     $row = array();
811
812     // select data from table product
813     $query = "SELECT DISTINCT
814             a.id_mahasiswa , a.nama_mahasiswa , a.kelas_mahasiswa
, a.id_prodi_mahasiswa , a.angkatan_mahasiswa , a.foto_mahasiswa
815             FROM mahasiswa a
816             INNER JOIN absensi b ON a.id_mahasiswa = b.
id_mahasiswa_absensi
817             WHERE b.id_dosen_absensi = $id_pengguna
            order by $sort $order limit $offset , $rows";
818
819
820     $country = $this->db->query($query)->result_array();
821     $result = array_merge($result , ['rows' => $country]);
822     return $result;
823 }
824 //end view dosen mahasiswa
825
826 // start kelola intern dosen
827
828
829 //start dosen
830 public function getdoseninternJSON($id_pengguna){
831     $page = isset($_POST['page']) ? intval($_POST['page']) : 1;
832     $rows = isset($_POST['rows']) ? intval($_POST['rows']) : 50;
833     $sort = isset($_POST['sort']) ? strval($_POST['sort']) : '
intern.id_intern';
834     $order = isset($_POST['order']) ? strval($_POST['order']) : '
asc';
835     $search = isset($_POST['search_intern']) ? strval($_POST['
search_intern']) : '';
836     $offset = ($page-1)*$rows;
837
838     $result = array();
839     $result['total'] = $this->db->get('intern')->num_rows();
840     $row = array();
841
842     // select data from table product
843     $query = "SELECT *
844             from intern

```

```

845         where concat(id_intern , id_koor_intern , status_intern ,
846         tgl_mulai_intern , tgl_akhir_intern) like '%$search%'
847         AND id_koor_intern = $id_pengguna
848         order by $sort $order limit $offset , $rows";
849
850     $country = $this->db->query($query)->result_array();
851     $result = array_merge($result , [ 'rows' => $country]);
852     return $result;
853 }
854
855 public function updatedosenintern($id)
856 {
857     $data = [
858
859         'id_koor_intern' => $this->input->post('id_koor_intern'),
860         'status_intern' => $this->input->post('status_intern'),
861         'tgl_mulai_intern' => $this->input->post('
862         tgl_mulai_intern'),
863         'tgl_akhir_intern' => $this->input->post('
864         tgl_akhir_intern'),
865
866     ];
867
868     $this->db->where('id_intern',$id);
869     $this->db->set($data);
870     return $this->db->update('intern');
871 }
872
873 // end kelola intern dosen
874
875 //view absensi mahasiswa
876
877 //start absensi
878 public function getabsensimahasiswahalamandosenJSON($id_pengguna)
879 {
880
881     $page = isset($_POST['page']) ? intval($_POST['page']) : 1;
882     $rows = isset($_POST['rows']) ? intval($_POST['rows']) : 50;
883     $sort = isset($_POST['sort']) ? strval($_POST['sort']) : '
884     absensi.id_absensi';
885     $order = isset($_POST['order']) ? strval($_POST['order']) : '
886     asc';
887     $search = isset($_POST['search_absensi']) ? strval($_POST['
888     search_absensi']) : '';
889     $offset = ($page-1)*$rows;
890
891     $result = array();
892     $result['total'] = $this->db->get('absensi')->num_rows();
893     $row = array();
894
895     // select data from table product
896     $query = "SELECT *
897     from absensi

```

```

894         where concat(id_absensi , id_intern_absensi ,
            id_mahasiswa_absensi , id_dosen_absensi , latitude_absensi ,
            longitude_absensi , tgl_waktu_absensi , imei_perangkat_absensi ,
            foto_absensi) like '%$search%'
895         AND id_dosen_absensi = $id_pengguna
896         order by $sort $order limit $offset , $rows";
897
898     $country = $this->db->query($query)->result_array();
899     $result = array_merge($result , [ 'rows' => $country]);
900     return $result;
901 }
902
903 //end absensi mahasiswa
904
905 // start peta mahasiswa untuk masing masing dosen
906
907 public function getmahasiswauntukdosenJSON($id_pengguna){
908
909     $this->db->where('id_dosen_absensi',$id_pengguna);
910     $query = $this->db->get('absensi');
911
912     // Return associative data array
913     return $query->result_array();
914 }
915 // start peta mahasiswa untuk masing masing dosen
916 // end kelola halaman dosen
917 }

```

```

1 <?php
2
3 class M_login extends CI_Model{
4     function cek_login($table,$where){
5         return $this->db->get_where($table,$where);
6     }
7 }

```

```

1 <?php
2 defined('BASEPATH') OR exit('No direct script access allowed');
3
4 class m_register extends CI_Model {
5
6     function __construct(){
7         parent::__construct();
8         $this->load->database();
9     }
10
11     public function getAllUsers(){
12         $query = $this->db->get('user');
13         return $query->result();
14     }
15
16     public function insert($user){
17         $this->db->insert('user', $user);
18         return $this;
19     }
20

```

```

21     public function inserttabelmahasiswa($user){
22         $this->db->insert('mahasiswa', $user);
23         return $this;
24     }
25
26     function create($table, $data){
27         $query = $this->db->insert($table, $data);
28         return $this; // return last insert id
29     }
30
31
32
33     public function getUser($id){
34         $query = $this->db->get_where('user', array('id'=>$id));
35         return $query->row_array();
36     }
37
38     public function activate($data, $id){
39         $this->db->where('user.id_user', $id);
40         return $this->db->update('user', $data);
41     }
42
43 }

```

```

1  <!DOCTYPE html>
2  <html>
3  <head>
4      <title>Grafik Stok Barang</title>
5
6
7  </head>
8  <body>
9  <?php
10      foreach($data as $data){
11          $merk[] = $data->id_mahasiswa;
12          $stok[] = (float) $data->kegiatan;
13          echo "aa, $data->id_mahasiswa<br>";
14          echo $data->kegiatan;
15      }
16  ?>
17  <canvas id="canvas" width="1000" height="280"></canvas>
18
19  <!--Load chart js-->
20  <script type="text/javascript" src="<?php echo base_url(). 'assets
21  /js/chart.min.js'>"></script>
22  <script>
23      var lineChartData = {
24          labels : <?php echo json_encode($stok);?>,
25          datasets : [
26
27              {
28                  fillColor: "rgba(60,141,188,0.9)",
29                  strokeColor: "rgba(60,141,188,0.8)",
30                  pointColor: "#3b8bba",
31                  pointStrokeColor: "#fff",

```

```

32         pointHighlightFill: "#fff",
33         pointHighlightStroke: "rgba(152,235,239,1)",
34         data : <?php echo json_encode($merk);?>
35     }
36
37     ]
38
39     }
40
41     var myLine = new Chart(document.getElementById("canvas").
    getContext("2d")).Line(lineChartData);
42
43 </script>
44 </body>
45 </html>

```

```

1 <!DOCTYPE html>
2 <html>
3 <head>
4     <meta charset="utf-8">
5     <meta name="viewport" content="width=device-width, initial-scale=1"
6     >
7     <title>Actspot505</title>
8     <link type="text/css" rel="stylesheet" href="<?php echo base_url();
9     ?>assets/css/bootstrap.css">
10    <link href="<?php echo base_url(); ?>assets/css/bootstrap.min.css"
11    rel="stylesheet">
12
13    <script src="https://unpkg.com/leaflet@1.3.1/dist/leaflet.js"
14    integrity="sha512-Nsx9X4HebavoBvEBuyp3I7od5tA0UzAxs+
15    j83KgC8PU0kgB4XiK4Lfe4y4cgBtaRJQEIFCW+oC506aPT2L1zw=="
16    crossorigin=""></script>
17
18    <link type="text/css" rel="stylesheet" href="<?php echo base_url
19    (); ?>assets/css/leaflet.css" />
20
21    <link type="text/css" rel="stylesheet" href="<?php echo base_url
22    (); ?>assets/css/MarkerCluster.css" />
23    <link type="text/css" rel="stylesheet" href="<?php echo base_url
24    (); ?>assets/css/MarkerCluster.Default.css" />
25    <link href="<?php echo base_url(); ?>assets/css/styles.css" rel="
26    stylesheet">
27
28
29    <style>
30    #mapid{
31        width: 100%;
32        height: 400px;
33    }
34
35    * {
36        box-sizing: border-box;
37    }
38
39    body {
40        font-family: Arial, Helvetica, sans-serif;

```

```

31 }
32
33 /* Float four columns side by side */
34 .columna {
35     float: left;
36     width: 25%;
37     margin-top: 20px;
38     padding: 0 10px;
39 }
40
41 /* Remove extra left and right margins, due to padding */
42 .rowa {margin: 0 -5px;}
43
44 /* Clear floats after the columns */
45 .rowa:after {
46     content: "";
47     display: table;
48     clear: both;
49 }
50
51 /* Responsive columns */
52 @media screen and (max-width: 600px) {
53     .column {
54         width: 100%;
55         display: block;
56         margin-bottom: 20px;
57     }
58 }
59
60 /* Style the counter cards */
61 .carda {
62     box-shadow: 0 4px 8px 0 rgba(0, 0, 0, 0.2);
63     padding: 16px;
64     text-align: center;
65     background-color: #f1f1f1;
66 }
67
68 </style>
69
70 </head>
71 <body>
72 <nav class="navbar navbar-custom navbar-fixed-top" role="navigation
73     ">
74     <div class="container-fluid">
75         <div class="navbar-header">
76             <button type="button" class="navbar-toggle collapsed" data-
77 toggle="collapse" data-target="#sidebar-collapse"><span class="sr
78 -only">Toggle navigation </span>
79             <span class="icon-bar"></span>
80             <span class="icon-bar"></span>
81             <span class="icon-bar"></span></button>
82             <a class="navbar-brand" href="#"><span>Lumino</span>Admin</a>
83
84         </div>
85         <div><!-- /.container-fluid -->
86     </nav>

```



```

83 <div id="sidebar-collapse" class="col-sm-3 col-lg-2 sidebar">
84   <div class="profile-sidebar">
85     <div class="profile-userpic">
86       
87     </div>
88     <div class="profile-usertitle">
89       <div class="profile-usertitle-name"> <?php echo $this->
session->userdata("nama"); ?></div>
90       <div class="profile-usertitle-status"><span class="indicator
label-success"></span>Online </div>
91     </div>
92     <div class="clear"></div>
93   </div>
94   <div class="divider"></div>
95   <ul class="nav menu" style="position: relative; border: none;
padding: unset;">
96     <li class="active"><a href="<?php echo site_url(); ?>/dashboard
">Dashboard </a></li>
97     <li><a href="<?php echo site_url('c_login/logout'); ?>"> Logout
</a></li>
98   </ul>
99 </div><!--/.sidebar-->
100
101
102
103 <div class="col-sm-9 col-sm-offset-3 col-lg-10 col-lg-offset-2 main
">
104 <div class="row">
105 <div class="column">
106   <div class="card">
107     <h4>Jumlah Lokasi Internship </h4>
108
109     <table class="table table-bordered">
110       <thead>
111         <tr>
112           <th style="text-align: center;">Total </th>
113         </tr>
114       </thead>
115       <tbody>
116         <tr>
117           <td><?php echo $totallokasiinternship; ?></td>
118         </tr>
119       </tbody>
120     </table>
121   </div>
122 </div>
123 </div>
124
125 <div class="column">
126   <div class="card">
127     <h4>Jumlah Mahasiswa </h4>
128     <table class="table table-bordered">
129       <thead>
130         <tr>
131           <?php

```

```

132         foreach ($gettahunangkatan as $row) {
133             echo "<th style='text-align: center;'>$row->
134                 angkatan_mahasiswa </th>";
135         }
136     }
137     ?>
138     </tr>
139     </thead>
140     <tbody>
141     <tr>
142
143         <td><?php echo $totalmahasiswa2015; ?></td>
144         <td><?php echo $totalmahasiswa2016; ?></td>
145         <td><?php echo $totalmahasiswa2017; ?></td>
146     </tr>
147
148     </tbody>
149 </table>
150 </div>
151 </div>
152
153
154 </div>
155 <div class="row">
156     <div class="col-lg-12">
157         <h1 class="page-header">Peta Lokasi Internship Mahasiswa </h1>
158     </div>
159 </div><!--/.row-->
160 <div class="row">
161     <div class="col-sm-12">
162         <div id="map" style="width:100%; height:280px;">
163
164         </div>
165     </div>
166 </div><!--/.row-->
167 <!--
168 <div class="row">
169     <div class="col-lg-12">
170         <h1 class="page-header">View Tabel Trigger radius </h1>
171     </div>
172 </div>
173
174 <div class="row">
175     <div class="col-sm-12">
176
177         <div class="panel panel-container">
178         <div class="row">
179             <div class="col-sm-12">
180                 <div id="container" class="easyui-layout" fit="true" style=
181                 "height:300px;">
182                     <div region="center">
183                         <table id="dgtrigger_radius" toolbar="#
184                         toolbartrigger_radius" class="easyui-datagrid" fit="true"
185                         singleSelect="true" fitColumns="true" rowNumbers="false"

```



```

231 <div class="row">
232   <div class="col-lg-12">
233     <h1 class="page-header">Kelola absensi </h1>
234   </div>
235 </div><!--/.row-->
236 <div class="row">
237   <div class="col-sm-12">
238
239     <div class="panel panel-container">
240       <div class="row">
241         <div class="col-sm-12">
242           <div id="container" class="easyui-layout" fit="true" style=
"height:300px;">
243             <div region="center">
244               <table id="dgabsensi" toolbar="#toolbarabsensi" class="
easyui-datagrid" fit="true" singleSelect="true" fitColumns="true"
rowNumbers="false" pagination="true" url="<%= site_url('
dashboard/getabsensimahasiswahalamandosenJSON ')>" pageSize="50"
pageList="[25,50,75,100,125,150,200]" nowrap="false">
245                 <thead>
246                   <tr>
247                     <th field="id_absensi" width="80">ID absensi </th>
248                     <th field="id_intern_absensi" width="100">ID
Mahasiswa </th>
249                     <th field="id_mahasiswa_absensi" width="100">ID
Intern </th>
250                     <th field="id_dosen_absensi" width="100">ID Dosen
</th>
251                     <th field="latitude_absensi" width="100">Latitude
absensi </th>
252                     <th field="longitude_absensi" width="100">
Longitude absensi </th>
253                     <th field="tgl_waktu_absensi" width="100">Date
Time absensi </th>
254                     <th field="imei_perangkat_absensi" width="100">
Imei absensi </th>
255                     <th field="kegiatan_absensi" width="100">Kegiatan
absensi </th>
256                     <th field="foto_absensi" width="100">Photo
absensi </th>
257                   </tr>
258                 </thead>
259                 </table>
260                 <div id="toolbarabsensi">
261                   <a href="<?php echo site_url();>/dashboard/
buatpdfabsensi" plain="true" class="easyui-linkbutton" iconCls="
icon-print">Print </a>
262                   <input id="searchabsensi" class="easyui-searchbox"
data-options="prompt:'Please Input Value',searcher:
doSearchabsensi,
263                     inputEvents: $.extend({}, $.fn.searchbox.defaults.
inputEvents, {
264                       keyup: function(e){
265                         var t = $(e.data.target);
266                         var opts = t.searchbox('options');
267                         t.searchbox('setValue', $(this).val());

```

```

268         opts.searcher.call(t[0], t.searchbox('getValue'), t
269         .searchbox('getName')));
270     }
271     })" style="width:50%;"></input>
272 </div>
273
274 <div id="dlgabsensi" class="easyui-dialog" style="width:
275 780px; height: auto; padding: 10px;" modal="true" closed="true"
276 buttons="#dlgabsensiBtn">
277     <form id="fmabsensi" method="post">
278         <div class="col-sm-12 justify-content-sm-center">
279
280             <div class="row" style="width: 100%">
281                 <div class="col-sm-6">
282                     <div class="form-group">
283                         <label for="">ID absensi </label>
284                         <input type="text" name="id_absensi" class="
285                         easyui-textbox" style="width: 100%;">
286                     </div>
287                 </div>
288                 <div class="col-sm-6">
289                     <div class="form-group">
290                         <label for="">ID Intern </label>
291                         <select class="" style="width: 100%; margin: 0
292                         px; padding-top: 0px; padding-bottom: 0px; height: 25px; line-
293                         height: 25px;" name="id_intern_absensi">
294
295                             <?php
296                             foreach ($data_intern as $row) {
297                                 echo "<option value='". $row->id_intern.">".
298                                 $row->id_intern." | ". $row->id_koor_intern."</option>";
299                             }
300                             echo "
301                             "
302                             ?>
303                         </select>
304                     </div>
305                 </div>
306             </div>
307
308             <div class="row" style="width: 100%">
309                 <div class="col-sm-6">
310                     <div class="form-group">
311                         <label for="">Id Mahasiswa </label>
312                         <select class="" style="width: 100%; margin: 0
313                         px; padding-top: 0px; padding-bottom: 0px; height: 25px; line-
314                         height: 25px;" name="id_mahasiswa_absensi">
315
316                             <?php
317                             foreach ($data_mahasiswa as $row) {
318                                 echo "<option value='". $row->id_mahasiswa.">".
319                                 $row->id_mahasiswa." | ". $row->nama_mahasiswa."</option>";
320                             }
321                             echo "

```

```

314         "
315         ?>
316         </select>
317     </div>
318 </div>
319 <div class="col-sm-6">
320     <div class="form-group">
321         <label for="">ID Dosen</label>
322         <select class="" style="width: 100%; margin: 0
px; padding-top: 0px; padding-bottom: 0px; height: 25px; line-
height: 25px;" name="id_dosen_absensi">
323
324         <?php
325         foreach ($data_dosen as $row) {
326             <?php echo " <option value='". $row->id_dosen . "'>". $row
->id_dosen . " | ". $row->nama_dosen . "</option>";
327         }
328         <?php echo "
329         "
330         ?>
331         </select>
332     </div>
333 </div>
334 </div>
335 <div class="row" style="width: 100%">
336     <div class="col-sm-6">
337         <div class="form-group">
338             <label for="">Latitude absensi</label>
339             <input type="text" name="latitude_absensi"
class="easyui-textbox" style="width: 100%;">
340         </div>
341     </div>
342     <div class="col-sm-6">
343         <div class="form-group">
344             <label for="">Longitude absensi</label>
345             <input type="text" name="longitude_absensi"
class="easyui-textbox" style="width: 100%;">
346         </div>
347     </div>
348 </div>
349 <div class="row" style="width: 100%">
350     <div class="col-sm-6">
351         <div class="form-group">
352             <label for="">Tanggal dan waktu</label>
353             <input type="date" name="tgl_waktu_absensi"
class="easyui-textbox" style="width: 100%;">
354         </div>
355     </div>
356     <div class="col-sm-6">
357         <div class="form-group">
358             <label for="">Imei Perangkat</label>
359             <input type="text" name="imei_perangkat_absensi"
class="easyui-textbox" style="width: 100%;">
360         </div>
361     </div>
362 </div>

```

```

363         <div class="row" style="width: 100%">
364             <div class="col-sm-6">
365                 <div class="form-group">
366                     <label for="">Kegiatan absensi </label>
367                     <input type="text" name="kegiatan_absensi"
class="easyui-textbox" style="width: 100%;">
368                 </div>
369             </div>
370             <div class="col-sm-6">
371                 <div class="form-group">
372                     <label for="">Photo absensi </label>
373                     <input type="text" name="foto_absensi" class="
easyui-textbox" style="width: 100%;">
374                 </div>
375             </div>
376         </div>
377
378         </div>
379     </form>
380 </div>
381     <div id="dlgabsensiBtn">
382         <a href="javascript:void(0)" id="btn_save" class="
easyui-linkbutton" iconCls="icon-ok-a" onclick="saveabsensi()"
style="width:90px">Save </a>
384         <a href="javascript:void(0)" class="easyui-linkbutton"
iconCls="icon-del-a" onclick="javascript:$('#dlgabsensi').dialog
('close'); $('#fmabsensi').form('clear')
" style="width:90px">Cancel </a>
385     </div>
386 </div>
387 </div>
388
389 </div>
390
391 </div>
392 </div><!--/.row-->
393 <!-- start kelola absensi-->
394
395 <!-- start kelola intern-->
396 <div class="row">
397     <div class="col-lg-12">
398         <h1 class="page-header">Kelola Internship </h1>
399     </div>
400 </div><!--/.row-->
401 <div class="row">
402     <div class="col-sm-12">
403
404         <div class="panel panel-container">
405             <div class="row">
406                 <div class="col-sm-12">
407                     <div id="container" class="easyui-layout" fit="true" style=
"height:300px;">
408                         <div region="center">
409                             <table id="dgdosenintern" toolbar="#toolbardosenintern"
class="easyui-datagrid" fit="true" singleSelect="true"
410

```

```

fitColumns="true" rowNumbers="false" pagination="true" url="<?=
site_url('dashboard/getdosenintern') ?>" pageSize="50" pageList="
[25,50,75,100,125,150,200]" nowrap="false">
411     <thead>
412         <tr>
413             <th field="id_intern" width="80">ID intern </th>
414             <th field="id_koor_intern" width="100">
Koordinator Internship </th>
415             <th field="status_intern" width="100">Status
Internship </th>
416             <th field="tgl_mulai_intern" width="100">Tanggal
mulai </th>
417             <th field="tgl_akhir_intern" width="100">Tanggal
berakhir </th>
418         </tr>
419     </thead>
420 </table>
421 <div id="toolbardosenintern">
422
423     <a href="javascript:void(0)" class="easyui-linkbutton
" iconCls="icon-edit" plain="true" onClick="editdosenintern()">
Edit </a>
424
425     <a href="<?php echo site_url(); ?>/dashboard/
buatpdfintern" plain="true" class="easyui-linkbutton" iconCls="
icon-print">Print </a>
426     <input id="searchdosenintern" class="easyui-
searchbox" data-options="prompt:' Please Input Value ',searcher:
doSearchdosenintern ,
427         inputEvents: $.extend({}, $.fn.searchbox.defaults ,
inputEvents , {
428             keyup: function(e){
429                 var t = $(e.data.target);
430                 var opts = t.searchbox('options');
431                 t.searchbox('setValue', $(this).val());
432                 opts.searcher.call(t[0],t.searchbox('getValue'),t
.searchbox('getName')));
433             }
434         })" style="width:50%;"></input>
435 </div>
436 </div>
437
438 <div id="dlginterndosen" class="easyui-dialog" style="
width: 780px; height: auto; padding: 10px;" modal="true" closed="
true" buttons="#dlginterndosenBtn">
439     <form id="fminterndosen" method="post">
440         <div class="col-sm-12 justify-content-sm-center">
441
442
443         <div class="row" style="width: 100%">
444             <div class="col-sm-6">
445                 <div class="form-group">
446                     <label for="">ID intern </label>
447                     <input type="text" name="id_intern" class="
easyui-textbox" style="width: 100%;">
448                 </div>

```



```

449         </div>
450         <div class="col-sm-6">
451             <div class="form-group">
452                 <label for="">ID Koordinator Internship </label>
453             <div class="form-group">
454                 <select class="" style="width: 100%; margin: 0
455                 px; padding-top: 0px; padding-bottom: 0px; height: 25px; line-
456                 height: 25px;" name="id_koor_intern">
457
458                 <?php
459                 foreach ($data_dosen as $row) {
460                     <echo "<option value='". $row->id_dosen . "'>". $row
461                     ->id_dosen . " | ". $row->nama_dosen . "</option>";
462                 }
463                 <echo "<option value='0'>Pilih Dosen</option>";
464             </select>
465         </div>
466     </div>
467     <div class="row" style="width: 100%">
468         <div class="col-sm-6">
469             <div class="form-group">
470                 <label for="">Status Internship </label>
471                 <input type="text" name="status_intern" class="
472                 easyui-textbox" style="width: 100%;" />
473             </div>
474         </div>
475         <div class="col-sm-6">
476             <div class="form-group">
477                 <label for="">Tanggal Mulai </label>
478                 <input type="datetime-local" data-date="" data-
479                 date-format="YYYY MM DD" name="tanggal_mulai" class="easyui-
480                 textbox" style="width: 100%;" />
481             </div>
482         </div>
483     </div>
484     <div class="row" style="width: 100%">
485         <div class="col-sm-12">
486             <div class="form-group">
487                 <label for="">Tanggal Berakhir </label>
488                 <input type="datetime-local" data-date="" data-
489                 date-format="YYYY MM DD" name="tanggal_berakhir" class="easyui-
490                 textbox" style="width: 100%;" />
491             </div>
492         </div>
493     </div>
494     </div>
495     </form>
496 </div>
497 <div id="dlginterndosenBtn">

```

```

495         <a href="javascript:void(0)" id="btn_save" class="
easyui-linkbutton" iconCls="icon-ok-a" onclick="savedosenintern()
" style="width:90px">Save</a>
496         <a href="javascript:void(0)" class="easyui-linkbutton"
iconCls="icon-del-a" onclick="javascript:$('#dlginterndosen').
dialog('close'); $('#fminterndosen').form('clear')
" style="width:90px">Cancel</a>
497     </div>
498 </div>
499
500
501 </div>
502
503
504 </div>
505 </div><!--/.row-->
506 <!-- end kelola intern -->
507
508 <!-- start kelola dosenmahasiswa -->
509 <div class="row">
510     <div class="col-lg-12">
511         <h1 class="page-header">View Mahasiswa </h1>
512     </div>
513 </div><!--/.row-->
514 <div class="row">
515     <div class="col-sm-12">
516
517         <div class="panel panel-container">
518             <div class="row">
519                 <div class="col-sm-12">
520                     <div id="container" class="easyui-layout" fit="true" style=
"height:300px;">
521                         <div region="center">
522                             <table id="dgdosenmahasiswa" toolbar="#
toolbardosenmahasiswa" class="easyui-datagrid" fit="true"
singleSelect="true" fitColumns="true" rowNumbers="false"
pagination="true" url="<%= site_url('dashboard/getdosenmahasiswa
') ?>" pageSize="50" pageList="[25,50,75,100,125,150,200]" nowrap
="false">
523                                 <thead>
524                                     <tr>
525                                         <th field="id_mahasiswa" width="80">ID</th>
526                                         <th field="nama_mahasiswa" width="100">Nama
nMahasiswa</th>
527                                         <th field="kelas_mahasiswa" width="100">Kelas</th>
528                                         <th field="id_prodi_mahasiswa" width="100">Prodi
</th>
529                                         <th field="angkatan_mahasiswa" width="100">
Angkatan</th>
530                                         <th field="foto_mahasiswa" width="100">Photo
mahasiswa</th>
531                                     </tr>
532                                 </thead>
533                             </table>
534                             <div id="toolbardosenmahasiswa">

```

```

536         <!--
537         <a href="javascript:void(0)" class="easyui-linkbutton
" iconCls="icon-add" plain="true" onClick="newdosenmahasiswa()">
New</a>
538         <a href="javascript:void(0)" class="easyui-linkbutton
" iconCls="icon-edit" plain="true" onClick="editdosenmahasiswa()"
>Edit</a>
539         <a href="javascript:void(0)" class="easyui-linkbutton
" iconCls="icon-remove" plain="true" onClick="
destroydosenmahasiswa()">Destroy</a>
540         —>
541         <a href="<?php echo site_url(); ?>/dashboard/
buatpdfdosenmahasiswa" plain="true" class="easyui-linkbutton"
iconCls="icon-print">Print</a>
542         <input id="searchdosenmahasiswa" class="easyui-
searchbox" data-options="prompt: 'Please Input Value', searcher:
doSearchdosenmahasiswa,
543         inputEvents: $.extend({}, $.fn.searchbox.defaults.
inputEvents, {
544             keyup: function(e){
545                 var t = $(e.data.target);
546                 var opts = t.searchbox('options');
547                 t.searchbox('setValue', $(this).val());
548                 opts.searcher.call(t[0], t.searchbox('getValue'), t
.searchbox('getName')));
549             }
550         })" style="width:50%;"></input>
551     </div>
552 </div>
553
554     <div id="dlgdosenmahasiswa" class="easyui-dialog" style="
width: 780px; height: auto; padding: 10px;" modal="true" closed="
true" buttons="#dlgdosenmahasiswaBtn">
555     <form id="fmdosenmahasiswa" method="post">
556     <div class="col-sm-12 justify-content-sm-center">
557
558
559     <div class="row" style="width: 100%">
560     <div class="col-sm-6">
561     <div class="form-group">
562     <label for="">ID dosenmahasiswa</label>
563     <select class="" style="width: 100%; margin: 0
px; padding-top: 0px; padding-bottom: 0px; height: 25px; line-
height: 25px;" name="id_dosenmahasiswa">
564
565     <?php
566     foreach ($data_user as $row) {
567     <echo " <option value='".$row->id_user.'">".$row
->id_user." | ".$row->username."</option>";
568     }
569     <echo"
570     "
571     ?>
572     </select>
573     </div>
574 </div>

```

```

575         <div class="col-sm-6">
576             <div class="form-group">
577                 <label for="">Nama dosenMahasiswa </label>
578                 <input type="text" name="nama_dosenmahasiswa"
class="easyui-textbox" style="width: 100%;">
579             </div>
580         </div>
581     </div>
582
583     <div class="row" style="width: 100%">
584         <div class="col-sm-6">
585             <div class="form-group">
586                 <label for="">Kelas dosenmahasiswa </label>
587                 <input type="text" name="kelas_dosenmahasiswa"
class="easyui-textbox" style="width: 100%;">
588             </div>
589         </div>
590         <div class="col-sm-6">
591             <div class="form-group">
592                 <label for="">Prodi </label>
593
594                 <select class="" style="width: 100%; margin: 0
px; padding-top: 0px; padding-bottom: 0px; height: 25px; line-
height: 25px;" name="id_prodi_dosenmahasiswa">
595
596                 <?php
597                     foreach ($data_prodi as $row) {
598                         echo "<option value='". $row->id_prodi . "'>". $row
->nama_prodi . "</option>";
599                     }
600                     echo "
601                     ?>
602                 </select>
603             </div>
604         </div>
605     </div>
606
607 </div>
608 <div class="row" style="width: 100%">
609     <div class="col-sm-6">
610         <div class="form-group">
611             <label for="">Tahun Angkatan </label>
612             <input type="text" name="
angkatan_dosenmahasiswa" class="easyui-textbox" style="width:
100%;">
613         </div>
614     </div>
615     <div class="col-sm-6">
616         <div class="form-group">
617             <label for="">foto dosenmahasiswa </label>
618             <input type="text" name="foto_dosenmahasiswa"
class="easyui-textbox" style="width: 100%;">
619         </div>
620     </div>
621 </div>
622

```



```

667         <a href="javascript:void(0)" class="easyui-linkbutton
" iconCls="icon-edit" plain="true" onClick="editprofiledosen()">
Edit </a>
668     </div>
669 </div>
670
671     <div id="dlgprofiledosen" class="easyui-dialog" style="
width: 780px; height: auto; padding: 10px;" modal="true" closed="
true" buttons="#dlgprofiledosenbtn">
672         <form id="fmprofiledosen" method="post">
673             <div class="col-sm-12 justify-content-sm-center">
674
675                 <div class="row" style="width: 100%">
676                     <div class="col-sm-6">
677                         <div class="form-group">
678                             <label for="">ID Dosen </label><br>
679                             <input type="text" name="id_dosen" class="
easyui-textbox" style="width: 100%;" readonly>
680                         </div>
681                     </div>
682                     <div class="col-sm-6">
683                         <div class="form-group">
684                             <label for="">Nama Dosen</label>
685                             <input type="text" name="nama_dosen" class="
easyui-textbox" style="width: 100%;">
686                         </div>
687                     </div>
688                     <div class="col-sm-6">
689                         <div class="form-group">
690                             <label for="">Prodi </label><br>
691                             <select class="" style="width: 100%; margin: 0
px; padding-top: 0px; padding-bottom: 0px; height: 25px; line-
height: 25px;" name="id_prodi_dosen" readonly>
692
693                                 <?php
694                                 foreach ($data_prodi as $row) {
695                                     echo "<option value='". $row->id_prodi. "'>". $row
->nama_prodi. "</option>";
696                                 }
697                                 echo "
698                                 "
699                                 ?>
700                             </select>
701                         </div>
702                     </div>
703                     <div class="col-sm-6">
704                         <div class="form-group">
705                             <label for="">Photo Dosen</label>
706                             <input type="text" name="foto_dosen" class="
easyui-textbox" style="width: 100%;">
707                         </div>
708                     </div>
709                 </div>
710             </div>
711         </div>
712     <div class="row" style="width: 100%">

```

```

713         <div class="col-sm-6">
714             <div class="form-group">
715                 <label for="">username</label>
716                 <input type="text" name="username" class="
717 easyui-textbox" style="width: 100%;">
718             </div>
719         </div>
720         <div class="col-sm-6">
721             <div class="form-group">
722                 <label for="">password</label>
723                 <input type="text" name="password" class="
724 easyui-textbox" style="width: 100%;">
725             </div>
726         </div>
727     </div>
728
729
730     </div>
731 </form>
732 </div>
733 <div id="dlgprofiledosenbtn">
734     <a href="javascript:void(0)" id="btn_save" class="
735 easyui-linkbutton" iconCls="icon-ok-a" onclick="saveaprofiledosen
736 ()" style="width:90px">Save</a>
737     <a href="javascript:void(0)" class="easyui-linkbutton"
738 iconCls="icon-del-a" onclick="javascript:$('#dlgprofiledosen').
739 dialog('close'); $('#fmprofiledosen').form('clear')
740 " style="width:90px">Cancel</a>
741 </div>
742 </div>
743 </div><!--/.row-->
744
745 <!--end kelola dosen-->
746
747 </div><!--/.row-->
748 </div> <!--/.main-->
749
750
751
752
753 </body>
754
755 <script src="<?php echo base_url(); ?>assets/js/jquery-1.11.1.min.js"
756 ></script>
757 <script src="<?php echo base_url(); ?>assets/js/bootstrap.min.js"
758 ></script>
759
760 <script type="text/javascript" src="<?php echo base_url(); ?>
761 assets/js/leaflet.js"></script>

```

```
<script type="text/javascript" src="<?php echo base_url(); ?>assets/js/leaflet.markercluster.js"></script>

<link rel="stylesheet" type="text/css" href="<?php echo base_url('assets/css/icon.css') ?>">

<script src="<?php echo base_url(); ?>assets/js/jquery.min.js"></script>
<script type="text/javascript" src="<?php echo base_url('assets/js/jquery.easyui.min.js') ?>"></script>
<script type="text/javascript" src="<?php echo base_url('assets/js/script.js') ?>"></script>
<link rel="stylesheet" type="text/css" href="<?php echo base_url('assets/css/easyui.css') ?>">
<script type="text/javascript">
    var map, newUser, users, mapquest, firstLoad;

    firstLoad = true;

    //users = new L.FeatureGroup();
    users = new L.MarkerClusterGroup({spiderfyOnMaxZoom: true, showCoverageOnHover: false, zoomToBoundsOnClick: true});
    newUser = new L.LayerGroup();

    mapquest = new L.TileLayer("https://api.tiles.mapbox.com/v4/{id}/{z}/{x}/{y}.png?access_token={accessToken}", {
        maxZoom: 18,
        id: 'mapbox.streets',
        subdomains: ["otile1", "otile2", "otile3", "otile4"],
        attribution: 'Map data &copy; <a href="http://openstreetmap.org">OpenStreetMap</a> contributors, <a href="http://creativecommons.org/licenses/by-sa/2.0/">CC-BY-SA</a>, Imagery <a href="http://mapbox.com">Mapbox</a>',
        accessToken: 'pk.eYJIJoiY2hhbmRyYWtWliwiYSI6ImNrMzJpOWJoMDBhdDczZGltZXkzMmppeGEifQ.wWJUgnRB1DsKnMYQdsJVxQ'
    });

    map = new L.Map('map', {
        center: new L.LatLng(-6.914744 , 107.609810),
        zoom: 10,
        layers: [mapquest, users, newUser]
    });

    // GeoLocation Control

    //map.locate({setView: true, maxZoom: 3});

$(document).ready(function() {
    $.ajaxSetup({cache: false});
    $('#map').css('height', ($(window).height() - 300));
    getUsers();
});
```



```

803 $(window).resize(function () {
804     $('#map').css('height', ($(window).height() - 300));
805 }).resize();
806
807
808
809
810 function getUsers() {
811     $.getJSON("<?php echo site_url(); ?>/dashboard/
getmahasiswauntukdosenJSON", function (data) {
812         for (var i = 0; i < data.length; i++) {
813             var location = new L.LatLng(data[i].latitude_absensi,
data[i].longitude_absensi);
814             var name = data[i].id_mahasiswa_absensi;
815             var website = data[i].foto_absensi;
816             var host = window.base_url = <?php echo json_encode(base_url())
; ?>;
817
818
819             var marker = new L.Marker(location, { title: name});
820             marker.bindPopup("<div style='text-align: center; margin-
left: auto; margin-right: auto;'><img style='width:100px; height
:100px;' src='"+ host + website+"'>"+ name + "</div>", {maxWidth: '
400'}));
821
822             users.addLayer(marker);
823         }
824     }).complete(function () {
825         if (firstLoad == true) {
826             map.fitBounds(users.getBounds());
827             firstLoad = false;
828         };
829     });
830 }
831
832
833
834
835 </script>
836 </html>

```

```

1 <!DOCTYPE html>
2 <html>
3 <head>
4     <meta charset="utf-8">
5     <meta name="viewport" content="width=device-width, initial-scale=1"
>
6     <title>Actspot505 </title>
7     <link type="text/css" rel="stylesheet" href="<?php echo base_url();
?>assets/css/bootstrap.css">
8     <link href="<?php echo base_url(); ?>assets/css/bootstrap.min.css"
rel="stylesheet">
9
10 <script src="https://unpkg.com/leaflet@1.3.1/dist/leaflet.js"
    integrity="sha512-Nsx9X4HebavoBvEBuy317od5tA0UzAxs+

```

```

j83KgC8PU0kgB4XiK4Lfe4y4cgBtaRJQEIFCW+oC506aPT2L1zw=="
crossorigin=""></script>

11
12 <link type="text/css" rel="stylesheet" href="<?php echo base_url
    (); ?>assets/css/leaflet.css" />
13
14 <link type="text/css" rel="stylesheet" href="<?php echo base_url
    (); ?>assets/css/MarkerCluster.css" />
15 <link type="text/css" rel="stylesheet" href="<?php echo base_url
    (); ?>assets/css/MarkerCluster.Default.css" />
16 <link href="<?php echo base_url(); ?>assets/css/styles.css" rel="
    stylesheet">
17
18
19 <style>
20 #mapid{
21     width: 100%;
22     height: 400px;
23 }
24
25 * {
26     box-sizing: border-box;
27 }
28
29 body {
30     font-family: Arial, Helvetica, sans-serif;
31 }
32
33 /* Float four columns side by side */
34 .columna {
35     float: left;
36     width: 25%;
37     margin-top: 20px;
38     padding: 0 10px;
39 }
40
41 /* Remove extra left and right margins, due to padding */
42 .rowa {margin: 0 -5px;}
43
44 /* Clear floats after the columns */
45 .rowa:after {
46     content: "";
47     display: table;
48     clear: both;
49 }
50
51 /* Responsive columns */
52 @media screen and (max-width: 600px) {
53     .column {
54         width: 100%;
55         display: block;
56         margin-bottom: 20px;
57     }
58 }
59
60 /* Style the counter cards */

```

```

61 .carda {
62     box-shadow: 0 4px 8px 0 rgba(0, 0, 0, 0.2);
63     padding: 16px;
64     text-align: center;
65     background-color: #f1f1f1;
66 }
67
68 </style>
69
70 </head>
71 <body>
72     <nav class="navbar navbar-custom navbar-fixed-top" role="navigation
73         ">
74         <div class="container-fluid">
75             <div class="navbar-header">
76                 <button type="button" class="navbar-toggle collapsed" data-
77                     toggle="collapse" data-target="#sidebar-collapse"><span class="sr
78                     -only">Toggle navigation </span>
79                     <span class="icon-bar"></span>
80                     <span class="icon-bar"></span>
81                     <span class="icon-bar"></span></button>
82                     <a class="navbar-brand" href="#"><span>Lumino</span>Admin</a>
83
84             </div>
85             </div><!-- /.container-fluid -->
86         </nav>
87         <div id="sidebar-collapse" class="col-sm-3 col-lg-2 sidebar">
88             <div class="profile-sidebar">
89                 <div class="profile-userpic">
90                     
92                 </div>
93                 <div class="profile-usertitle">
94                     <div class="profile-usertitle-name"> <?php echo $this->
95                         session->userdata("nama"); ?></div>
96                     <div class="profile-usertitle-status"><span class="indicator
97                         label-success"></span>Online </div>
98                 </div>
99                 <div class="clear"></div>
100             </div>
101             <div class="divider"></div>
102             <ul class="nav menu" style="position: relative; border: none;
103                 padding: unset;">
104                 <li class="active"><a href="<?php echo site_url(); ?>/dashboard
105                     ">Dashboard </a></li>
106                 <li><a href="<?php echo site_url('c_login/logout'); ?>"> Logout
107                     </a></li>
108             </ul>
109         </div><!-- /.sidebar -->
110
111     <div class="col-sm-9 col-sm-offset-3 col-lg-10 col-lg-offset-2 main
112         ">
113     <div class="row">
114     <div class="column">

```

```

106 <div class="carda">
107 <h4>Jumlah Pembimbing </h4>
108 <table class="table table-bordered">
109 <thead>
110 <tr>
111 <th style="text-align: center;">Eksternal </th>
112 <th style="text-align: center;">Internal </th>
113 </tr>
114 </thead>
115 <tbody>
116 <tr>
117 <td><?php echo $totaldosen; ?></td>
118 <td><?php echo $totaldoseninternal; ?></td>
119 </tr>
120
121 </tbody>
122 </table>
123 </div>
124 </div>
125
126 <div class="columna">
127 <div class="carda">
128 <h4>Jumlah Mahasiswa </h4>
129 <table class="table table-bordered">
130 <thead>
131 <tr>
132 <?php
133     foreach ($gettahunangkatan as $row) {
134         echo "<th style='text-align: center;'>$row->
135             angkatan_mahasiswa </th>";
136     }
137     ""
138     ?>
139 </tr>
140 </thead>
141 <tbody>
142 <tr>
143
144 <td><?php echo $totalmahasiswa2015; ?></td>
145 <td><?php echo $totalmahasiswa2016; ?></td>
146 <td><?php echo $totalmahasiswa2017; ?></td>
147 </tr>
148
149 </tbody>
150 </table>
151 </div>
152 </div>
153
154 <div class="columna">
155 <div class="carda">
156 <h4>Jumlah Lokasi Internship </h4>
157
158 <table class="table table-bordered">
159 <thead>
160 <tr>

```

```

161         <th style="text-align: center;">Total </th>
162     </tr>
163 </thead>
164 <tbody>
165 <tr>
166     <td><?php echo $totallokasiinternship; ?></td>
167 </tr>
168
169 </tbody>
170 </table>
171 </div>
172 </div>
173
174 <div class="column">
175     <div class="card">
176         <h4>Jumlah pengguna aktif </h4>
177         <table class="table table-bordered">
178             <thead>
179                 <tr>
180                     <th style="text-align: center;">Total </th>
181                 </tr>
182             </thead>
183             <tbody>
184                 <tr>
185                     <td><?php echo $totaluser; ?></td>
186                 </tr>
187
188             </tbody>
189         </table>
190     </div>
191 </div>
192 </div>
193 <div class="row">
194     <div class="col-lg-12">
195         <h1 class="page-header">Peta Lokasi Internship Mahasiswa </h1>
196     </div>
197 </div><!--/.row-->
198 <div class="row">
199     <div class="col-sm-12">
200         <div id="map" style="width:100%; height:280px;">
201
202         </div>
203     </div>
204 </div><!--/.row-->
205 <!--
206 <div class="row">
207     <div class="col-lg-12">
208         <h1 class="page-header">View Tabel Trigger radius </h1>
209     </div>
210 </div>
211
212 <div class="row">
213     <div class="col-sm-12">
214
215         <div class="panel panel-container">

```

```

216     <div class="row">
217         <div class="col-sm-12">
218             <div id="container" class="easyui-layout" fit="true" style=
"height:300px;">
219                 <div region="center">
220                     <table id="dgtrigger_radius" toolbar="#
toolbartrigger_radius" class="easyui-datagrid" fit="true"
singleSelect="true" fitColumns="true" rowNumbers="false"
pagination="true" url="<?= site_url('c_kelola_user/
gettrigger_radius ')>" pageSize="50" pageList="
[25,50,75,100,125,150,200]" nowrap="false">
221                         <thead>
222                             <tr>
223                                 <th field="id_trigger" width="80">ID trigger </th>
224                                 <th field="id_intern" width="100">ID Intern </th>
225                                 <th field="id_track" width="100">ID Track </th>
226                                 <th field="radius" width="100">ID radius </th>
227                             </tr>
228                         </thead>
229                     </table>
230                     <div id="toolbartrigger_radius">
231                         <input id="search_trigger_radius" class="easyui-
searchbox" data-options="prompt: 'Please Input Value', searcher:
doSearchtrigger_radius ,
232                         inputEvents: $.extend({}, $.fn.searchbox.defaults .
inputEvents , {
233                             keyup: function(e){
234                                 var t = $(e.data.target);
235                                 var opts = t.searchbox('options');
236                                 t.searchbox('setValue', $(this).val());
237                                 opts.searcher.call(t[0], t.searchbox('getValue'), t
.searchbox('getName')));
238                             }
239                         })" style="width:50%;"></input>
240                     </div>
241                 </div>
242             </div>
243         </div>
244     </div>
245 </div>
246 </div>
247 —>
248
249 <div class="row">
250     <div class="col-lg-12">
251         <h1 class="page-header">Print Absensi per mahasiswa </h1>
252     </div>
253 </div><!--/.row-->
254 <div class="row">
255     <div class="col-lg-12">
256         <form action="<?php echo site_url(). '/dashboard/perorang'; ?>"
method="post">
257         <table style="margin:20px auto;">
258             <tr>
259                 <td>NPM : </td>
260                 <td><input type="text" name="npmmahasiswa"></td>

```

```

261         <td><button type="submit" value="Submit">Submit </button></td>
262     </tr>
263
264 </table>
265 </form>
266 </div>
267 </div><!--/.row-->
268 <!-- start kelola absensi-->
269 <div class="row">
270     <div class="col-lg-12">
271         <h1 class="page-header">Kelola absensi </h1>
272     </div>
273 </div><!--/.row-->
274 <div class="row">
275     <div class="col-sm-12">
276
277         <div class="panel panel-container">
278             <div class="row">
279                 <div class="col-sm-12">
280                     <div id="container" class="easyui-layout" fit="true" style=
"height:300px;">
281                         <div region="center">
282                             <table id="dgabsensi" toolbar="#toolbarabsensi" class="
easyui-datagrid" fit="true" singleSelect="true" fitColumns="true"
rowNumbers="false" pagination="true" url="<?= site_url('
c_kelola_user/getabsensi ')>?" pageSize="50" pageList="
[25,50,75,100,125,150,200]" nowrap="false">
283                                 <thead>
284                                     <tr>
285                                         <th field="id_absensi" width="80">ID absensi </th>
286                                         <th field="id_intern_absensi" width="100">ID
Mahasiswa </th>
287                                         <th field="id_mahasiswa_absensi" width="100">ID
Intern </th>
288                                         <th field="id_dosen_absensi" width="100">ID Dosen
</th>
289                                         <th field="latitude_absensi" width="100">Latitude
absensi </th>
290                                         <th field="longitude_absensi" width="100">
Longitude absensi </th>
291                                         <th field="tgl_waktu_absensi" width="100">Date
Time absensi </th>
292                                         <th field="imei_perangkat_absensi" width="100">
Imei absensi </th>
293                                         <th field="kegiatan_absensi" width="100">Kegiatan
absensi </th>
294                                         <th field="foto_absensi" width="100">Photo
absensi </th>
295                                     </tr>
296                                 </thead>
297                             </table>
298                             <div id="toolbarabsensi">
299                                 <a href="javascript:void(0)" class="easyui-linkbutton
" iconCls="icon-add" plain="true" onClick="newabsensi()">New</a>

```

```

300         <a href="javascript:void(0)" class="easyui-linkbutton
" iconCls="icon-edit" plain="true" onClick="editabsensi()">Edit </
a>
301         <a href="javascript:void(0)" class="easyui-linkbutton
" iconCls="icon-remove" plain="true" onClick="destroyabsensi()">
Destroy </a>
302         <a href="<?php echo site_url(); ?>/dashboard/
buatpdfabsensi" plain="true" class="easyui-linkbutton" iconCls="
icon-print">Print </a>
303         <input id="searchabsensi" class="easyui-searchbox"
data-options="prompt:' Please Input Value ', searcher:
doSearchabsensi,
304             inputEvents: $.extend({}, $.fn.searchbox.defaults.
inputEvents, {
305                 keyup: function(e){
306                     var t = $(e.data.target);
307                     var opts = t.searchbox('options');
308                     t.searchbox('setValue', $(this).val());
309                     opts.searcher.call(t[0], t.searchbox('getValue'), t
.searchbox('getName')));
310                 }
311             })" style="width:50%;"></input>
312     </div>
313 </div>
314
315     <div id="dlgabsensi" class="easyui-dialog" style="width:
780px; height: auto; padding: 10px;" modal="true" closed="true"
buttons="#dlgabsensiBtn">
316         <form id="fmabsensi" method="post">
317             <div class="col-sm-12 justify-content-sm-center">
318
319
320                 <div class="row" style="width: 100%">
321                     <div class="col-sm-6">
322                         <div class="form-group">
323                             <label for="">ID absensi </label>
324                             <input type="text" name="id_absensi" class="
easyui-textbox" style="width: 100%;">
325                         </div>
326                     </div>
327                     <div class="col-sm-6">
328                         <div class="form-group">
329                             <label for="">ID Intern </label>
330                             <select class="" style="width: 100%; margin: 0
px; padding-top: 0px; padding-bottom: 0px; height: 25px; line-
height: 25px;" name="id_intern_absensi">
331
332                                 <?php
333                                 foreach ($data_intern as $row) {
334                                     echo "<option value='".$row->id_intern.'">".
$row->id_intern." | ".$row->id_koor_intern."</option>";
335                                 }
336                                 echo "
"
337
338                                 ?>
339                                 </select>

```



```

340         </div>
341     </div>
342 </div>
343
344     <div class="row" style="width: 100%">
345         <div class="col-sm-6">
346             <div class="form-group">
347                 <label for="">Id Mahasiswa</label>
348                 <select class="" style="width: 100%; margin: 0
px; padding-top: 0px; padding-bottom: 0px; height: 25px; line-
height: 25px;" name="id_mahasiswa_absensi">
349
350                 <?php
351                     foreach ($data_mahasiswa as $row) {
352                         echo "<option value=''>".$row->id_mahasiswa.">".
$row->id_mahasiswa." | ".$row->nama_mahasiswa."</option>";
353                     }
354                     echo"
355                     "
356                     ?>
357                 </select>
358             </div>
359         </div>
360         <div class="col-sm-6">
361             <div class="form-group">
362                 <label for="">ID Dosen</label>
363                 <select class="" style="width: 100%; margin: 0
px; padding-top: 0px; padding-bottom: 0px; height: 25px; line-
height: 25px;" name="id_dosen_absensi">
364
365                 <?php
366                     foreach ($data_dosen as $row) {
367                         echo "<option value=''>".$row->id_dosen.">". $row
->id_dosen." | ".$row->nama_dosen."</option>";
368                     }
369                     echo"
370                     "
371                     ?>
372                 </select>
373             </div>
374         </div>
375     </div>
376     <div class="row" style="width: 100%">
377         <div class="col-sm-6">
378             <div class="form-group">
379                 <label for="">Latitude absensi</label>
380                 <input type="text" name="latitude_absensi"
class="easyui-textbox" style="width: 100%;">
381             </div>
382         </div>
383         <div class="col-sm-6">
384             <div class="form-group">
385                 <label for="">Longitude absensi</label>
386                 <input type="text" name="longitude_absensi"
class="easyui-textbox" style="width: 100%;">
387             </div>

```

```

388         </div>
389     </div>
390     <div class="row" style="width: 100%">
391         <div class="col-sm-6">
392             <div class="form-group">
393                 <label for="">Tanggal dan waktu</label>
394                 <input type="date" name="tgl_waktu_absensi"
class="easyui-textbox" style="width: 100%;">
395             </div>
396         </div>
397         <div class="col-sm-6">
398             <div class="form-group">
399                 <label for="">Imei Perangkat</label>
400                 <input type="text" name="imei_perangkat_absensi"
" class="easyui-textbox" style="width: 100%;">
401             </div>
402         </div>
403     </div>
404     <div class="row" style="width: 100%">
405         <div class="col-sm-6">
406             <div class="form-group">
407                 <label for="">Kegiatan absensi</label>
408                 <input type="text" name="kegiatan_absensi"
class="easyui-textbox" style="width: 100%;">
409             </div>
410         </div>
411         <div class="col-sm-6">
412             <div class="form-group">
413                 <label for="">Photo absensi</label>
414                 <input type="text" name="foto_absensi" class="
easyui-textbox" style="width: 100%;">
415             </div>
416         </div>
417     </div>
418
419
420     </div>
421 </form>
422 </div>
423 <div id="dlgabsensiBtn">
424     <a href="javascript:void(0)" id="btn_save" class="
easyui-linkbutton" iconCls="icon-ok-a" onclick="saveabsensi()"
style="width:90px">Save</a>
425     <a href="javascript:void(0)" class="easyui-linkbutton"
iconCls="icon-del-a" onclick="javascript:$('#dlgabsensi').dialog
('close'); $('#fmabsensi').form('clear')
" style="width:90px">Cancel</a>
426 </div>
427 </div>
428 </div>
429
430 </div>
431
432
433 </div>
434 </div><!--/.row-->
435 <!-- start kelola absensi-->

```

```

436 <!-- start kelola intern-->
437 <div class="row">
438   <div class="col-lg-12">
439     <h1 class="page-header">Kelola Intern </h1>
440   </div>
441 </div><!--/.row-->
442 <div class="row">
443   <div class="col-sm-12">
444
445     <div class="panel panel-container">
446       <div class="row">
447         <div class="col-sm-12">
448           <div id="container" class="easyui-layout" fit="true" style=
449             "height:300px;">
450             <div region="center">
451               <table id="dgintern" toolbar="#toolbarintern" class="
452                 easyui-datagrid" fit="true" singleSelect="true" fitColumns="true"
453                 rowNumbers="false" pagination="true" url="<?= site_url('
454                 c_kelola_user/getintern ')>" pageSize="50" pageList="
455                 [25,50,75,100,125,150,200]" nowrap="false">
456                 <thead>
457                   <tr>
458                     <th field="id_intern" width="80">ID intern </th>
459                     <th field="id_koor_intern" width="100">
460                       Koordinator Internship </th>
461                     <th field="status_intern" width="100">Status
462                       Internship </th>
463                     <th field="tgl_mulai_intern" width="100">Tanggal
464                       mulai </th>
465                     <th field="tgl_akhir_intern" width="100">Tanggal
466                       berakhir </th>
467                   </tr>
468                 </thead>
469                 </table>
470                 <div id="toolbarintern">
471                   <a href="javascript:void(0)" class="easyui-linkbutton
472                     " iconCls="icon-add" plain="true" onClick="newintern()">New</a>
473                   <a href="javascript:void(0)" class="easyui-linkbutton
474                     " iconCls="icon-edit" plain="true" onClick="editintern()">Edit</a>
475                   <a href="javascript:void(0)" class="easyui-linkbutton
476                     " iconCls="icon-remove" plain="true" onClick="destroyintern()">
477                     Destroy</a>
478                   <a href="<?php echo site_url(); ?>/dashboard/
479                     buatpdfintern" plain="true" class="easyui-linkbutton" iconCls="
480                     icon-print">Print</a>
481                   <input id="searchintern" class="easyui-searchbox"
482                     data-options="prompt:'Please Input Value',searcher:doSearchintern
483                     ,
484                     inputEvents: $.extend({}, $.fn.searchbox.defaults ,
485                     inputEvents , {
486                       keyup: function(e){
487                         var t = $(e.data.target);
488                         var opts = t.searchbox('options');
489                         t.searchbox('setValue', $(this).val());

```

```

473         opts.searcher.call(t[0], t.searchbox('getValue'), t
474         .searchbox('getName')));
475     }
476     })" style="width:50%;"></input>
477 </div>
478
479 <div id="dlgintern" class="easyui-dialog" style="width:
480 780px; height: auto; padding: 10px;" modal="true" closed="true"
481 buttons="#dlginternBtn">
482     <form id="fmintern" method="post">
483         <div class="col-sm-12 justify-content-sm-center">
484
485             <div class="row" style="width: 100%">
486                 <div class="col-sm-6">
487                     <div class="form-group">
488                         <label for="">ID intern </label>
489                         <input type="text" name="id_intern" class="
490 easyui-textbox" style="width: 100%;">
491                     </div>
492                 </div>
493                 <div class="col-sm-6">
494                     <div class="form-group">
495                         <label for="">ID Koordinator Internship </label>
496
497                         <select class="" style="width: 100%; margin: 0
498 px; padding-top: 0px; padding-bottom: 0px; height: 25px; line-
499 height: 25px;" name="id_koor_intern">
500
501                             <?php
502                             foreach ($data_dosen as $row) {
503                                 echo "<option value='". $row->id_dosen.'">". $row
504 ->id_dosen." | ". $row->nama_dosen."</option>";
505                             }
506                             echo "
507                             "
508                             ?>
509                         </select>
510                     </div>
511                 </div>
512             </div>
513
514             <div class="row" style="width: 100%">
515                 <div class="col-sm-6">
516                     <div class="form-group">
517                         <label for="">Status Internship </label>
518                         <input type="text" name="status_intern" class="
519 easyui-textbox" style="width: 100%;">
520                     </div>
521                 </div>
522                 <div class="col-sm-6">
523                     <div class="form-group">
524                         <label for="">Tanggal Mulai </label>

```

```

518         <input type="datetime-local" data-date="" data-
date-format="YYYY MM DD" name="tanggal_mulai" class="easyui-
textbox" style="width: 100%;">
519     </div>
520 </div>
521 </div>
522 <div class="row" style="width: 100%">
523     <div class="col-sm-12">
524         <div class="form-group">
525             <label for="">Tanggal Berakhir </label>
526             <input type="datetime-local" data-date="" data-
date-format="YYYY MM DD" name="tanggal_berakhir" class="easyui-
textbox" style="width: 100%;">
527         </div>
528     </div>
529 </div>
530
531
532 </div>
533 </form>
534 </div>
535 <div id="dlginternBtn">
536     <a href="javascript:void(0)" id="btn_save" class="
easyui-linkbutton" iconCls="icon-ok-a" onclick="saveintern()"
style="width:90px">Save </a>
537     <a href="javascript:void(0)" class="easyui-linkbutton"
iconCls="icon-del-a" onclick="javascript:$('#dlgintern').dialog('
close '); $('#fmintern').form('clear')
" style="width:90px">Cancel </a>
538 </div>
539 </div>
540 </div>
541
542 </div>
543
544
545 </div>
546 </div><!--/.row-->
547 <!-- end kelola intern -->
548
549 <!-- start kelola mahasiswa -->
550 <div class="row">
551     <div class="col-lg-12">
552         <h1 class="page-header">Kelola Mahasiswa </h1>
553     </div>
554 </div><!--/.row-->
555 <div class="row">
556     <div class="col-sm-12">
557
558         <div class="panel panel-container">
559             <div class="row">
560                 <div class="col-sm-12">
561                     <div id="container" class="easyui-layout" fit="true" style=
"height:300px;">
562                         <div region="center">
563                             <table id="dgmahasiswa" toolbar="#toolbarmahasiswa"
class="easyui-datagrid" fit="true" singleSelect="true" fitColumns

```

```

="true" rowNumbers="false" pagination="true" url="<?= site_url('
c_kelola_user/getmahasiswa') ?>" pageSize="50" pageList="
[25,50,75,100,125,150,200]" nowrap="false">
    <thead>
        <tr>
            <th field="id_mahasiswa" width="80">ID</th>
            <th field="nama_mahasiswa" width="100">Nama
Mahasiswa </th>
            <th field="kelas_mahasiswa" width="100">Kelas </th>
        >
            <th field="id_prodi_mahasiswa" width="100">Prodi
</th>
            <th field="angkatan_mahasiswa" width="100">
Angkatan </th>
            <th field="foto_mahasiswa" width="100">Photo
mahasiswa </th>
        </tr>
    </thead>
</table>
<div id="toolbarmahasiswa">
    <a href="javascript:void(0)" class="easyui-linkbutton
" iconCls="icon-add" plain="true" onClick="newmahasiswa()">New</a>
    >
        <a href="javascript:void(0)" class="easyui-linkbutton
" iconCls="icon-edit" plain="true" onClick="editmahasiswa()">Edit
</a>
        <a href="javascript:void(0)" class="easyui-linkbutton
" iconCls="icon-remove" plain="true" onClick="destroymahasiswa()"
>Destroy </a>
        <a href="<?php echo site_url(); ?>/dashboard/
buatpdfmahasiswa" plain="true" class="easyui-linkbutton" iconCls=
"icon-print">Print </a>
        <input id="searchmahasiswa" class="easyui-searchbox"
data-options="prompt:' Please Input Value ', searcher:
doSearchmahasiswa,
inputEvents: $.extend({}, $.fn.searchbox.defaults,
inputEvents, {
            keyup: function(e){
                var t = $(e.data.target);
                var opts = t.searchbox('options');
                t.searchbox('setValue', $(this).val());
                opts.searcher.call(t[0], t.searchbox('getValue'), t
.searchbox('getName')));
            }
        })" style="width:50%;"></input>
    </div>
</div>

<div id="dlgmahasiswa" class="easyui-dialog" style="width
: 780px; height: auto; padding: 10px;" modal="true" closed="true"
buttons="#dlgmahasiswaBtn">
    <form id="fmmahasiswa" method="post">
        <div class="col-sm-12 justify-content-sm-center">

```

```

598         <div class="row" style="width: 100%">
599             <div class="col-sm-6">
600                 <div class="form-group">
601                     <label for="">ID mahasiswa </label>
602                     <select class="" style="width: 100%; margin: 0
px; padding-top: 0px; padding-bottom: 0px; height: 25px; line-
height: 25px;" name="id_mahasiswa">

603
604                     <?php
605                         foreach ($data_user as $row) {
606                             <option value="" . $row->id_user . ">" . $row
->id_user . " | " . $row->username . "</option>";
607                         }
608                         <echo"
609                         "
610                         ?>
611                     </select>
612                 </div>
613             </div>
614             <div class="col-sm-6">
615                 <div class="form-group">
616                     <label for="">Nama Mahasiswa </label>
617                     <input type="text" name="nama_mahasiswa" class=
"easyui-textbox" style="width: 100%;">
618                 </div>
619             </div>
620         </div>
621
622         <div class="row" style="width: 100%">
623             <div class="col-sm-6">
624                 <div class="form-group">
625                     <label for="">Kelas mahasiswa </label>
626                     <input type="text" name="kelas_mahasiswa" class
="easyui-textbox" style="width: 100%;">
627                 </div>
628             </div>
629             <div class="col-sm-6">
630                 <div class="form-group">
631                     <label for="">Prodi </label>
632
633                     <select class="" style="width: 100%; margin: 0
px; padding-top: 0px; padding-bottom: 0px; height: 25px; line-
height: 25px;" name="id_prodi_mahasiswa">
634
635                     <?php
636                         foreach ($data_prodi as $row) {
637                             <option value="" . $row->id_prodi . ">" . $row
->nama_prodi . "</option>";
638                         }
639                         <echo"
640                         "
641                         ?>
642                     </select>
643                 </div>
644             </div>
645

```

```

646         </div>
647         <div class="row" style="width: 100%">
648             <div class="col-sm-6">
649                 <div class="form-group">
650                     <label for="">Tahun Angkatan</label>
651                     <input type="text" name="angkatan_mahasiswa"
class="easyui-textbox" style="width: 100%;">
652                 </div>
653             </div>
654             <div class="col-sm-6">
655                 <div class="form-group">
656                     <label for="">foto mahasiswa</label>
657                     <input type="text" name="foto_mahasiswa" class=
"easyui-textbox" style="width: 100%;">
658                 </div>
659             </div>
660         </div>
661     </div>
662
663     </div>
664 </form>
665 </div>
666 <div id="dlgmahasiswaBtn">
667     <a href="javascript:void(0)" id="btn_save" class="
easyui-linkbutton" iconCls="icon-ok-a" onclick="savemahasiswa()"
style="width:90px">Save</a>
668     <a href="javascript:void(0)" class="easyui-linkbutton"
iconCls="icon-del-a" onclick="javascript:$('#dlgmahasiswa').
dialog('close'); $('#fmmahasiswa').form('clear')
" style="width:90px">Cancel</a>
669 </div>
670 </div>
671
672
673 </div>
674
675
676 </div>
677 </div><!--/.row-->
678 <!-- start kelola mahasiswa-->
679
680 <!-- start kelola dosen-->
681 <div class="row">
682     <div class="col-lg-12">
683         <h1 class="page-header">Kelola Dosen </h1>
684     </div>
685 </div><!--/.row-->
686 <div class="row">
687     <div class="col-sm-12">
688         <div class="panel panel-container">
689             <div class="row">
690                 <div class="col-sm-12">
691                     <div id="container" class="easyui-layout" fit="true" style=
"height:300px;">
692                         <div region="center">
693                             <table id="dgdosen" toolbar="#toolbardosen" class="
easyui-datagrid" fit="true" singleSelect="true" fitColumns="true"

```



```

rowNumbers="false" pagination="true" url="<?= site_url('
c_kelola_user/getdosen ') ?>" pageSize="50" pageList="
[25,50,75,100,125,150,200]" nowrap="false">
    <thead>
        <tr>
            <th field="id_dosen" width="80">ID Dosen</th>
            <th field="nama_dosen" width="100">Nama Dosen</th>
        </tr>
        <tr>
            <th field="id_prodi_dosen" width="100">ID Prodi</th>
            <th field="foto_dosen" width="100">Photo Dosen</th>
            <th field="status" width="100">Status Dosen</th>
        </tr>
    </thead>
</table>
<div id="toolbardosen">
    <a href="javascript:void(0)" class="easyui-linkbutton
" iconCls="icon-add" plain="true" onClick="newdosen()">New</a>
    <a href="javascript:void(0)" class="easyui-linkbutton
" iconCls="icon-edit" plain="true" onClick="editdosen()">Edit</a>
    <a href="javascript:void(0)" class="easyui-linkbutton
" iconCls="icon-remove" plain="true" onClick="destroydosen()">
Destroy</a>
    <a href="<?php echo site_url(); ?>/dashboard/
buatpdfdosen" plain="true" class="easyui-linkbutton" iconCls="
icon-print">Print</a>
    <input id="searchdosen" class="easyui-searchbox"
data-options="prompt: 'Please Input Value', searcher: doSearchdosen,
inputEvents: $.extend({}, $.fn.searchbox.defaults,
inputEvents, {
        keyup: function(e){
            var t = $(e.data.target);
            var opts = t.searchbox('options');
            t.searchbox('setValue', $(this).val());
            opts.searcher.call(t[0], t.searchbox('getValue'), t
.searchbox('getName')));
        }
    })" style="width:50%;"></input>
</div>
</div>
<div id="dlgdosen" class="easyui-dialog" style="width:
780px; height: auto; padding: 10px;" modal="true" closed="true"
buttons="#dlgdosenBtn">
    <form id="fmdosen" method="post">
        <div class="col-sm-12 justify-content-sm-center">
            <div class="row" style="width: 100%">
                <div class="col-sm-6">
                    <div class="form-group">
                        <label for="">ID Dosen </label><br>
                        <select class="" style="width: 100%; margin: 0
px; padding-top: 0px; padding-bottom: 0px; height: 25px; line-
height: 25px;" name="id_dosen">

```

```

731         <?php
732             foreach ($data_user as $row) {
733                 echo "<option value='". $row->id_user . "'>". $row
734                 ->id_user . " | " . $row->username . "</option>";
735             }
736             echo "
737             "
738             ?>
739         </select>
740
741     </div>
742 </div>
743 <div class="col-sm-6">
744     <div class="form-group">
745         <label for="">Nama Dosen</label>
746         <input type="text" name="nama_dosen" class="
747         easyui-textbox" style="width: 100%;">
748     </div>
749 </div>
750 <div class="col-sm-6">
751     <div class="form-group">
752         <label for="">ID Prodi </label><br>
753         <select class="" style="width: 100%; margin: 0
754         px; padding-top: 0px; padding-bottom: 0px; height: 25px; line-
755         height: 25px;" name="id_prodi_dosen">
756
757         <?php
758             foreach ($data_prodi as $row) {
759                 echo "<option value='". $row->id_prodi . "'>". $row
760                 ->nama_prodi . "</option>";
761             }
762             echo "
763             "
764             ?>
765         </select>
766     </div>
767 </div>
768 <div class="col-sm-6">
769     <div class="form-group">
770         <label for="">Photo Dosen</label>
771         <input type="text" name="foto_dosen" class="
772         easyui-textbox" style="width: 100%;">
773     </div>
774 </div>
775 </div>
776 <div class="row" style="width: 100%">
777
778     <div class="col-sm-12">
779         <div class="form-group">
780             <label for="">Status Dosen</label>
781             <select class="" style="width: 100%; margin: 0
782             px; padding-top: 0px; padding-bottom: 0px; height: 25px; line-
783             height: 25px;" name="status">
784                 <option value="eksternal">Eksternal</option>

```

```

779         <option value="internal">Internal </option>
780     </select>
781
782     </div>
783 </div>
784
785 </div>
786
787
788     </div>
789 </form>
790 </div>
791 <div id="dlgdozenBtn">
792     <a href="javascript:void(0)" id="btn_save" class="
easyui-linkbutton" iconCls="icon-ok-a" onclick="savedozen()"
style="width:90px">Save </a>
793     <a href="javascript:void(0)" class="easyui-linkbutton"
iconCls="icon-del-a" onclick="javascript:$('#dlgdozen').dialog('
close '); $('#fmdozen').form('clear')
" style="width:90px">Cancel </a>
794
795 </div>
796 </div>
797
798 </div>
799
800 </div>
801 </div><!--/.row-->
802
803
804 <!--end kelola dozen-->
805 <!--start kelola user-->
806 <div class="row">
807     <div class="col-lg-12">
808         <h1 class="page-header">Kelola User </h1>
809     </div>
810 </div><!--/.row-->
811 <div class="row">
812     <div class="col-sm-12">
813         <div class="panel panel-container">
814             <div class="row">
815                 <div class="col-sm-12">
816                     <div id="container" class="easyui-layout" fit="true" style=
"height:300px;">
817                         <div region="center">
818                             <table id="dgCustomers" toolbar="#toolbarCustomer"
class="easyui-datagrid" fit="true" singleSelect="true" fitColumns
="true" rowNumbers="false" pagination="true" url="<?= site_url('
c_kelola_user/getcustomers') ?>" pageSize="50" pageList="
[25,50,75,100,125,150,200]" nowrap="false">
819                                 <thead>
820                                     <tr>
821                                         <th field="id_user" width="80">ID User </th>
822                                         <th field="username" width="100">Username </th>
823                                         <th field="password" width="100">Password </th>
824                                         <th field="status_user" width="100">Status </th>
825                                         <th field="role_user" width="100">Status </th>

```

```

826         </tr>
827     </thead>
828 </table>
829 <div id="toolbarCustomer">
830     <a href="javascript:void(0)" class="easyui-linkbutton
" iconCls="icon-add" plain="true" onClick="newCustomer()">New</a>
831     <a href="javascript:void(0)" class="easyui-linkbutton
" iconCls="icon-edit" plain="true" onClick="editCustomer()">Edit
</a>
832     <a href="javascript:void(0)" class="easyui-linkbutton
" iconCls="icon-remove" plain="true" onClick="destroyCustomer()">
Destroy </a>
833     <a href="<?php echo site_url(); ?>/dashboard/
buatpdfuser" plain="true" class="easyui-linkbutton" iconCls="icon
-print">Print </a>
834     <input id="searchCustomer" class="easyui-searchbox"
data-options="prompt:'Please Input Value',searcher:
doSearchCustomer,
835         inputEvents: $.extend({}, $.fn.searchbox.defaults.
inputEvents, {
836             keyup: function(e){
837                 var t = $(e.data.target);
838                 var opts = t.searchbox('options');
839                 t.searchbox('setValue', $(this).val());
840                 opts.searcher.call(t[0], t.searchbox('getValue'), t
.searchbox('getName')));
841             }
842         })" style="width:50%;"></input>
843 </div>
844 </div>
845
846 <div id="dlgCustomer" class="easyui-dialog" style="width:
780px; height: auto; padding: 10px;" modal="true" closed="true"
buttons="#dlgCustomerBtn">
847     <form id="fmCustomer" method="post">
848         <div class="col-sm-12 justify-content-sm-center">
849
850
851             <div class="row" style="width: 100%">
852                 <div class="col-sm-6">
853                     <div class="form-group">
854                         <label for="">ID</label>
855                         <input type="text" name="id_user" class="easyui
-textbox" style="width: 100%;">
856                     </div>
857                 </div>
858                 <div class="col-sm-6">
859                     <div class="form-group">
860                         <label for="">Username </label>
861                         <input type="text" name="username" class="
easyui-textbox" style="width: 100%;">
862                     </div>
863                 </div>
864             </div>
865
866             <div class="row" style="width: 100%">

```

```

867         <div class="col-sm-6">
868             <div class="form-group">
869                 <label for="">Password</label>
870                 <input type="text" name="password" class="
easyui-textbox" style="width: 100%;">
871             </div>
872         </div>
873         <div class="col-sm-6">
874             <div class="form-group">
875                 <label for="">status </label>
876                 <input type="text" name="status_user" class="
easyui-textbox" style="width: 100%;">
877             </div>
878         </div>
879     </div>
880
881     <div class="row" style="width: 100%">
882         <div class="col-sm-12">
883             <div class="form-group">
884                 <label for="">Role User</label>
885                 <input type="text" name="role_user" class="
easyui-textbox" style="width: 100%;">
886             </div>
887         </div>
888
889     </div>
890
891 </div>
892 </form>
893 </div>
894 <div id="dlgCustomerBtn">
895     <a href="javascript:void(0)" id="btn_save" class="
easyui-linkbutton" iconCls="icon-ok-a" onclick="saveCustomer()"
style="width:90px">Save</a>
896     <a href="javascript:void(0)" class="easyui-linkbutton"
iconCls="icon-del-a" onclick="javascript:$('#dlgCustomer').dialog
('close'); $('#fmCustomer').form('clear')
" style="width:90px">Cancel</a>
897 </div>
898 </div>
899 </div>
900
901 </div>
902
903 </div><!--/.row-->
904 </div>
905
906 </div>
907 </div><!--/.row-->
908
909 <!--end kelola user-->
910
911
912 <!--Start kelola prodi -->
913 <div class="row">
914     <div class="col-lg-12">
915         <h1 class="page-header">Kelola Prodi </h1>

```



```

955         <label for="">ID Prodi </label>
956         <input type="text" name="id-prodi" class="
easyui-textbox" style="width: 100%;">
957     </div>
958 </div>
959 <div class="col-sm-6">
960     <div class="form-group">
961         <label for="">Nama Prodi </label>
962         <input type="text" name="nama-prodi" class="
easyui-textbox" style="width: 100%;">
963     </div>
964 </div>
965 </div>
966
967
968
969     </div>
970 </form>
971 </div>
972 <div id="dlgprodiBtn">
973     <a href="javascript:void(0)" id="btn_save" class="
easyui-linkbutton" iconCls="icon-ok-a" onclick="saveprodi()"
style="width:90px">Save </a>
974     <a href="javascript:void(0)" class="easyui-linkbutton"
iconCls="icon-del-a" onclick="javascript:$('#dlgprodi').dialog('
close'); $('#fmprodi').form('clear')
" style="width:90px">Cancel </a>
975 </div>
976 </div>
977 </div>
978 </div>
979 </div><!--.row-->
980
981
982
983 </div><!--.row-->
984 </div> <!--.main-->
985
986
987
988 </body>
989
990
991 <script src="<?php echo base_url(); ?>assets/js/jquery-1.11.1.min.js"
></script>
992 <script src="<?php echo base_url(); ?>assets/js/bootstrap.min.js"
></script>
993
994 <script type="text/javascript" src="<?php echo base_url(); ?>
assets/js/leaflet.js"></script>
995
996 <script type="text/javascript" src="<?php echo base_url(); ?>
assets/js/leaflet.markercluster.js"></script>
997
998 <link rel="stylesheet" type="text/css" href="<?php echo base_url
('assets/css/icon.css') ?>">
999

```

```

1000 <script src="<?php echo base_url(); ?>assets/js/jquery.min.js"></
script>
1001 <script type="text/javascript" src="<?php echo base_url('assets/
js/jquery.easyui.min.js') ?>"></script>
1002 <script type="text/javascript" src="<?php echo base_url('assets/
js/script.js') ?>"></script>
1003 <link rel="stylesheet" type="text/css" href="<?php echo base_url
('assets/css/easyui.css') ?>">
1004 <script type="text/javascript">
1005     var map, newUser, users, mapquest, firstLoad;
1006
1007     firstLoad = true;
1008
1009     // users = new L.FeatureGroup();
1010     users = new L.MarkerClusterGroup({ spiderfyOnMaxZoom: true,
showCoverageOnHover: false, zoomToBoundsOnClick: true });
1011     newUser = new L.LayerGroup();
1012
1013
1014
1015     mapquest = new L.TileLayer("https://api.tiles.mapbox.com/v4/{id
}/{z}/{x}/{y}.png?access_token={accessToken}", {
1016         maxZoom: 18,
1017         id: 'mapbox.streets',
1018         subdomains: ["otile1", "otile2", "otile3", "otile4"],
1019         attribution: 'Map data &copy; <a href="http://openstreetmap.
org">OpenStreetMap </a> contributors, <a href="http://
creativecommons.org/licenses/by-sa/2.0/">CC-BY-SA</a>, Imagery
<a href="http://mapbox.com">Mapbox</a>',
1020         accessToken: 'pk.
eyJJIjoiY2hhbmRyYWtwliwiYSI6ImNrMzJpOWJoMDBhdDczZGltZXk3MmppeGEifQ.
wWJUgnRBIDsKnmYQdsJVxQ'
1021     });
1022
1023     map = new L.Map('map', {
1024         center: new L.LatLng(-6.914744, 107.609810),
1025         zoom: 10,
1026         layers: [mapquest, users, newUser]
1027     });
1028
1029     // GeoLocation Control
1030
1031     // map.locate({setView: true, maxZoom: 3});
1032
1033     $(document).ready(function() {
1034         $.ajaxSetup({cache: false});
1035         $('#map').css('height', ($(window).height() - 300));
1036         getUsers();
1037     });
1038
1039     $(window).resize(function() {
1040         $('#map').css('height', ($(window).height() - 300));
1041     }).resize();
1042
1043
1044

```



```

1045     function getUsers() {
1046         $.getJSON("<?php echo site_url(); ?>/c_kelola_user/
getCustomerJSON", function (data) {
1047             for (var i = 0; i < data.length; i++) {
1048                 var location = new L.LatLng(data[i].latitude_absensi ,
data[i].longitude_absensi);
1049                 var name = data[i].id_mahasiswa_absensi;
1050                 var website = data[i].foto_absensi;
1051                 var host = window.base_url = <?php echo json_encode(base_url())
; ?>;

1052
1053
1054                 var marker = new L.Marker(location, { title: name});
1055                 marker.bindPopup("<div style='text-align: center; margin-
left: auto; margin-right: auto;'><img style='width:100px; height
:100px;' src='"+ host + website+"'>" + name + "</div>", {maxWidth: '
400'}));
1056
1057                 users.addLayer(marker);
1058             }
1059         }).complete(function() {
1060             if (firstLoad == true) {
1061                 map.fitBounds(users.getBounds());
1062                 firstLoad = false;
1063             };
1064         });
1065     });
1066
1067
1068
1069
1070 </script>
1071 </html>

```

```

1 <!DOCTYPE html>
2 <html>
3 <head>
4     <meta charset="utf-8">
5     <meta name="viewport" content="width=device-width, initial-scale=1"
>
6     <title>Lumino - Login</title>
7     <link href="<?php echo base_url(); ?>assets/css/bootstrap.min.css"
rel="stylesheet">
8     <link href="<?php echo base_url(); ?>assets/css/datepicker3.css"
rel="stylesheet">
9     <link href="<?php echo base_url(); ?>assets/css/styles.css" rel="
stylesheet">
10    <!--[if lt IE 9]>
11    <script src="js/html5shiv.js"></script>
12    <script src="js/respond.min.js"></script>
13    <![endif]-->
14 </head>
15 <body>
16     <div class="row">
17         <div class="col-xs-10 col-xs-offset-1 col-sm-8 col-sm-offset-2
col-md-4 col-md-offset-4">

```

```

18     <div class="login-panel panel panel-default">
19         <div class="panel-heading">Log in</div>
20         <div class="panel-body">
21             <form action="<?php echo site_url('c_login/aksi_login '); ?>"
method="post">
22                 <div class="form-group">
23                     <input class="form-control" placeholder="username"
name="username" type="text" autofocus="">
24                 </div>
25                 <div class="form-group">
26                     <input class="form-control" placeholder="password"
name="password" type="password" value="">
27                 </div>
28                 <input type="submit" value="Login" class="btn btn-
primary">
29                 <a href="<?php echo site_url(); ?>/c_register">Register
</a>
30
31             </form>
32         </div>
33     </div>
34 </div><!-- /.col -->
35 </div><!-- /.row -->
36
37
38 <script src="<?php echo base_url(); ?>assets/js/jquery-1.11.1.min.js">
</script>
39 <script src="<?php echo base_url(); ?>assets/js/bootstrap.min.js">
</script>
40 </body>
41 </html>

```

```

1 <!DOCTYPE html>
2 <html>
3 <head>
4     <title>Grafik Aktivitas Mahasiswa</title>
5
6     <?php
7         foreach($jan as $data){
8             $jumlahjanuary[] = $data->kegiatan;
9         }
10        foreach($feb as $data){
11            $jumlahfebruary[] = $data->kegiatan;
12        }
13        foreach($mar as $data){
14            $jumlahmarch[] = $data->kegiatan;
15        }
16        foreach($apr as $data){
17            $jumlahapril[] = $data->kegiatan;
18        }
19        foreach($may as $data){
20            $jumlahmay[] = $data->kegiatan;
21        }
22        foreach($jun as $data){
23            $jumlahjune[] = $data->kegiatan;
24        }

```

```

25     foreach($jul as $data){
26         $jumlahjuly[] = $data->kegiatan;
27     }
28     foreach($aug as $data){
29         $jumlahaugust[] = $data->kegiatan;
30     }
31     foreach($sep as $data){
32         $jumlahseptember[] = $data->kegiatan;
33     }
34     foreach($oct as $data){
35         $jumlahoctober[] = $data->kegiatan;
36     }
37     foreach($nov as $data){
38         $jumlahnovember[] = $data->kegiatan;
39     }
40     foreach($dec as $data){
41         $jumlahdecember[] = $data->kegiatan;
42     }
43     ?>
44 </head>
45 <body>
46
47 <canvas id="canvas" width="1000" height="280"></canvas>
48
49 <!--Load chart js-->
50 <script type="text/javascript" src="<?php echo base_url(). 'assets /
51   js / Chart.min.js' ?>"></script>
52
53   var lineChartData = {
54       labels : ["January", "February", "March", "April", "May",
55         "June", "July", "August", "September", "October", "November", "December
56         "],
57       datasets : [
58           {
59               fillColor: "rgba(60,141,188,0.9)",
60               strokeColor: "rgba(60,141,188,0.8)",
61               pointColor: "#3b8bba",
62               pointStrokeColor: "#fff",
63               pointHighlightFill: "#fff",
64               pointHighlightStroke: "rgba(152,235,239,1)",
65               data : [<?php echo json_encode($jumlahjanuary
66                 );?>,<?php echo json_encode($jumlahfebruary);?>,<?php echo
67                 json_encode($jumlahmarch);?>,<?php echo json_encode($jumlahapril)
68                 ;?>,<?php echo json_encode($jumlahmay);?>,<?php echo json_encode(
69                 $jumlahjune);?>,<?php echo json_encode($jumlahjuly);?>,<?php echo

```

```

70
71     var myLine = new Chart(document.getElementById("canvas").
    getContext("2d")).Line(lineChartData);
72
73     </script>
74 </body>
75 </html>

```

```

1 <!DOCTYPE html>
2 <html>
3 <head>
4     <meta charset="utf-8">
5     <meta name="viewport" content="width=device-width, initial-scale=1"
6     >
7     <title>Actspot505 </title>
8     <link href="<?php echo base_url(); ?>assets/css/bootstrap.min.css"
9     rel="stylesheet">
10    <link href="<?php echo base_url(); ?>assets/css/styles.css" rel="
11    stylesheet">
12    <link rel="stylesheet" type="text/css" href="<?php echo base_url('
13    assets/css/easyui.css ') ?>">
14    <link rel="stylesheet" type="text/css" href="<?php echo base_url
15    ('assets/css/icon.css ') ?>">
16
17    <script src="<?php echo base_url(); ?>assets/js/jquery.min.js"></
18    script>
19    <script type="text/javascript" src="<?php echo base_url('assets/js/
20    jquery.easyui.min.js ') ?>"></script>
21    <script type="text/javascript" src="<?php echo base_url('assets/
22    js/script.js ') ?>"></script>
23
24
25
26
27
28
29
30
31
32
33    <link rel="stylesheet" href="https://openlayers.org/en/v4.6.5/css/
34    ol.css" type="text/css">
35    <script src="https://cdn.jsdelivr.net/gh/openlayers/openlayers.
36    github.io@master/en/v6.1.1/build/ol.js"></script>
37
38    <!--Custom Font-->
39    <link href="https://fonts.googleapis.com/css?family=Montserrat
40    :300,300i,400,400i,500,500i,600,600i,700,700i" rel="stylesheet">
41
42    <!--[if lt IE 9]>
43    <script src="js/html5shiv.js"></script>
44    <script src="js/respond.min.js"></script>
45    <![endif]-->
46
47 </head>
48 <body>
49 <nav class="navbar navbar-custom navbar-fixed-top" role="navigation
50 ">
51     <div class="container-fluid">
52     <div class="navbar-header">

```

```

36     <button type="button" class="navbar-toggle collapsed" data-
toggle="collapse" data-target="#sidebar-collapse"><span class="sr
-only">Toggle navigation</span>
37         <span class="icon-bar"></span>
38         <span class="icon-bar"></span>
39         <span class="icon-bar"></span></button>
40     <a class="navbar-brand" href="#"><span>Lumino</span>Admin</a>
41     <!--
42     <ul class="nav navbar-top-links navbar-right">
43         <li class="dropdown"><a class="dropdown-toggle count-info"
data-toggle="dropdown" href="#">
44             <span class="label label-danger">15</span>
45         </a>
46             <ul class="dropdown-menu dropdown-messages">
47                 <li>
48                     <div class="dropdown-messages-box"><a href="profile .
html" class="pull-left">
49                         
50                         </a>
51                         <div class="message-body"><small class="pull-right"
>3 mins ago</small>
52                             <a href="#"><strong>John Doe</strong> commented
on <strong>your photo</strong>.</a>
53                             <br /><small class="text-muted">1:24 pm -
25/03/2015</small></div>
54                         </div>
55                     </li>
56                     <li class="divider"></li>
57                     <li>
58                         <div class="dropdown-messages-box"><a href="profile .
html" class="pull-left">
59                             
60                             </a>
61                             <div class="message-body"><small class="pull-right"
>1 hour ago</small>
62                                 <a href="#">New message from <strong>Jane Doe</
strong>.</a>
63                                 <br /><small class="text-muted">12:27 pm -
25/03/2015</small></div>
64                             </div>
65                         </li>
66                         <li class="divider"></li>
67                         <li>
68                             <div class="all-button"><a href="#">
69                                 <strong>All Messages</strong>
70                             </a></div>
71                         </li>
72                     </ul>
73                 </li>
74                 <li class="dropdown"><a class="dropdown-toggle count-info"
data-toggle="dropdown" href="#">
75                     <span class="label label-info">5</span>
76                 </a>
77                     <ul class="dropdown-menu dropdown-alerts">

```

```

78         <li><a href="#">
79             <div><em class="fa fa-envelope"></em> 1 New Message
80             <span class="pull-right text-muted small">3 mins
ago</span></div>
81         </a></li>
82         <li class="divider"></li>
83         <li><a href="#">
84             <div><em class="fa fa-heart"></em> 12 New Likes
85             <span class="pull-right text-muted small">4 mins
ago</span></div>
86         </a></li>
87         <li class="divider"></li>
88         <li><a href="#">
89             <div><em class="fa fa-user"></em> 5 New Followers
90             <span class="pull-right text-muted small">4 mins
ago</span></div>
91         </a></li>
92     </ul>
93 </li>
94 </ul>
95 —>
96 </div>
97 </div><!-- /.container-fluid -->
98 </nav>
99 <div id="sidebar-collapse" class="col-sm-3 col-lg-2 sidebar">
100     <div class="profile-sidebar">
101         <div class="profile-userpic">
102             
103         </div>
104         <div class="profile-usertitle">
105             <div class="profile-usertitle-name"> <?php echo $this->
session->userdata("nama"); ?></div>
106             <div class="profile-usertitle-status"><span class="indicator
label-success"></span>Online</div>
107         </div>
108         <div class="clear"></div>
109     </div>
110     <div class="divider"></div>
111     <form role="search">
112         <div class="form-group">
113             <input type="text" class="form-control" placeholder="Search">
114         </div>
115     </form>
116     <ul class="nav menu" style="width:100%; margin:auto; border-style
:none; padding:inherit;">
117         <li class=""><a href="<?php echo site_url(); ?>/dashboard">
Dashboard</a></li>
118         <li class="parent active"><a data-toggle="collapse" href="#sub-
item-1">
119             Kelola <span data-toggle="collapse" href="#sub-item-1" class=
"icon pull-right"></span>
120         </a>
121         <ul class="children collapse" id="sub-item-1">
122             <li><a class="active" href="<?php echo site_url(); ?>/
c_kelola-user">

```

```

123         User
124     </a></li>
125     <li><a class="" href="#">
126         Track
127     </a></li>
128     <li><a class="" href="#">
129         Dosen
130     </a></li>
131 </ul>
132 </li>
133 <li><a href="<?php echo site_url('c_login/logout'); ?>"> Logout
134 </a></li>
135 </ul>
136 </div><!--/.sidebar-->
137
138 <div class="col-sm-9 col-sm-offset-3 col-lg-10 col-lg-offset-2 main
139 >
140 <div class="row">
141     <ol class="breadcrumb">
142         <li><a href="#">
143             <em class="fa fa-home"></em>
144         </a></li>
145         <li class="active">Kelola User</li>
146     </ol>
147 </div><!--/.row-->
148
149 <div class="row">
150     <div class="col-lg-12">
151         <h1 class="page-header">Kelola User </h1>
152     </div>
153 </div><!--/.row-->
154
155 <div class="panel panel-container">
156     <div class="row">
157         <div class="col-sm-12">
158             <div id="container" class="easyui-layout" fit="true" style=
159                 "height:300px;">
160                 <div region="center">
161                     <table id="dgCustomers" toolbar="#toolbarCustomer"
162                         class="easyui-datagrid" fit="true" singleSelect="true" fitColumns
163                         ="true" rowNumbers="false" pagination="true" url="<?= site_url('
164                         c_kelola_user/getcustomers') ?>" pageSize="50" pageList="
165                         [25,50,75,100,125,150,200]" nowrap="false">
166                         <thead>
167                             <tr>
168                                 <th field="id_user" width="80">ID User</th>
169                                 <th field="username" width="100">Username</th>
170                                 <th field="password" width="100">Password</th>
171                                 <th field="status" width="100">Status</th>
172                             </tr>
173                         </thead>
174                         <tbody>
175                             <tr>
176                                 <td></td>
177                                 <td></td>
178                                 <td></td>
179                                 <td></td>
180                             </tr>
181                         </tbody>
182                     </table>
183                     <div id="toolbarCustomer">
184                         <a href="javascript:void(0)" class="easyui-linkbutton
185                             " iconCls="icon-add" plain="true" onClick="newCustomer()">New</a>

```

```

<a href="javascript:void(0)" class="easyui-linkbutton"
" iconCls="icon-edit" plain="true" onClick="editCustomer()">Edit
</a>
<a href="javascript:void(0)" class="easyui-linkbutton"
" iconCls="icon-remove" plain="true" onClick="destroyCustomer()">
Destroy </a>
<input id="searchCustomer" class="easyui-searchbox"
data-options="prompt:'Please Input Value',searcher:
doSearchCustomer,
inputEvents: $.extend({}, $.fn.searchbox.defaults.
inputEvents, {
keyup: function(e){
var t = $(e.data.target);
var opts = t.searchbox('options');
t.searchbox('setValue', $(this).val());
opts.searcher.call(t[0],t.searchbox('getValue'),t
.searchbox('getName')));
}
}" style="width:50%;"></input>
</div>
</div>
<div id="dlgCustomer" class="easyui-dialog" style="width:
780px; height: auto; padding: 10px;" modal="true" closed="true"
buttons="#dlgCustomerBtn">
<form id="fmCustomer" method="post">
<div class="col-sm-12 justify-content-sm-center">
<div class="row" style="width: 100%">
<div class="col-sm-6">
<div class="form-group">
<label for="">ID</label>
<input type="text" name="id_user" class="easyui
-textbox" style="width: 100%;">
</div>
</div>
<div class="col-sm-6">
<div class="form-group">
<label for="">Username </label>
<input type="text" name="username" class="
easyui-textbox" style="width: 100%;">
</div>
</div>
</div>
<div class="row" style="width: 100%">
<div class="col-sm-6">
<div class="form-group">
<label for="">Password</label>
<input type="text" name="password" class="
easyui-textbox" style="width: 100%;">
</div>
</div>
<div class="col-sm-6">
<div class="form-group">

```



```

213         <label for="">status </label>
214         <input type="text" name="status" class="easyui-
215         textbox" style="width: 100%;">
216     </div>
217 </div>
218
219 </div>
220 </form>
221 </div>
222 <div id="dlgCustomerBtn">
223     <a href="javascript:void(0)" id="btn_save" class="
224     easyui-linkbutton" iconCls="icon-ok-a" onclick="saveCustomer()"
225     style="width:90px">Save </a>
226     <a href="javascript:void(0)" class="easyui-linkbutton"
227     iconCls="icon-del-a" onclick="javascript:$('#dlgCustomer').dialog
228     ('close'); $('#fmEmployee').form('clear')
229     " style="width:90px">Cancel </a>
230 </div>
231 </div>
232 </div><!--/.row-->
233
234
235 <div class="col-sm-12">
236     <p class="back-link">Lumino Theme by <a href="https://www.
237     medialoot.com">Medialoot </a></p>
238 </div>
239 </div><!--/.row-->
240
241
242
243
244
245 </body>
246
247
248 <script src="<?php echo base_url(); ?>assets/js/bootstrap.min.js"
249 ></script>
250 <script src="<?php echo base_url(); ?>assets/js/chart.min.js"></
251 script>
252 <script src="<?php echo base_url(); ?>assets/js/chart-data.js"></
253 script>
254 <script src="<?php echo base_url(); ?>assets/js/easypiechart.js"></
255 script>
256 <script src="<?php echo base_url(); ?>assets/js/easypiechart-data.
257 js"></script>
258 <script src="<?php echo base_url(); ?>assets/js/bootstrap-
259 datepicker.js"></script>
260 <script src="<?php echo base_url(); ?>assets/js/custom.js"></script
261 >
262 </html>

```

```

1 <!doctype html>
2
3         <html>
4             <head>
5                 <meta charset='utf-8'>
6                 <meta name='viewport' content='width=
7 device-width, initial-scale=1'>
8                 <title>Snippet - BBBootstrap</title>
9                 <link href='https://maxcdn.
10 bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css' rel='
11 stylesheet'>
12                 <link href='https://cdnjs.cloudflare.
13 com/ajax/libs/font-awesome/4.0.3/css/font-awesome.css' rel='
14 stylesheet'>
15                 <style>* {
16
17 margin: 0;
18 padding: 0
19 }
20
21 html {
22     height: 100%
23 }
24
25 #grad1 {
26     background-color: : #9C27B0;
27     background-image: linear-gradient(120deg, #FF4081, #81D4FA)
28 }
29
30 #msform {
31     text-align: center;
32     position: relative;
33     margin-top: 20px
34 }
35
36 #msform fieldset .form-card {
37     background: white;
38     border: 0 none;
39     border-radius: 0px;
40     box-shadow: 0 2px 2px 2px rgba(0, 0, 0, 0.2);
41     padding: 20px 40px 30px 40px;
42     box-sizing: border-box;
43     width: 94%;
44     margin: 0 3% 20px 3%;
45     position: relative
46 }
47
48 #msform fieldset {
49     background: white;
50     border: 0 none;
51     border-radius: 0.5rem;
52     box-sizing: border-box;
53     width: 100%;
54     margin: 0;
55     padding-bottom: 20px;
56     position: relative
57 }

```

```
52 #msform fieldset:not(:first-of-type) {
53     display: none
54 }
55
56 #msform fieldset .form-card {
57     text-align: left;
58     color: #9E9E9E
59 }
60
61 #msform input,
62 #msform textarea {
63     padding: 0px 8px 4px 8px;
64     border: none;
65     border-bottom: 1px solid #ccc;
66     border-radius: 0px;
67     margin-bottom: 25px;
68     margin-top: 2px;
69     width: 100%;
70     box-sizing: border-box;
71     font-family: montserrat;
72     color: #2C3E50;
73     font-size: 16px;
74     letter-spacing: 1px
75 }
76
77 #msform input:focus,
78 #msform textarea:focus {
79     -moz-box-shadow: none !important;
80     -webkit-box-shadow: none !important;
81     box-shadow: none !important;
82     border: none;
83     font-weight: bold;
84     border-bottom: 2px solid skyblue;
85     outline-width: 0
86 }
87
88 #msform .action-button {
89     width: 100px;
90     background: skyblue;
91     font-weight: bold;
92     color: white;
93     border: 0 none;
94     border-radius: 0px;
95     cursor: pointer;
96     padding: 10px 5px;
97     margin: 10px 5px
98 }
99
100 #msform .action-button:hover,
101 #msform .action-button:focus {
102     box-shadow: 0 0 0 2px white, 0 0 0 3px skyblue
103 }
104
105 #msform .action-button-previous {
106     width: 100px;
107     background: #616161;
```

```
108     font-weight: bold;
109     color: white;
110     border: 0 none;
111     border-radius: 0px;
112     cursor: pointer;
113     padding: 10px 5px;
114     margin: 10px 5px
115 }
116
117 #msform .action-button-previous:hover,
118 #msform .action-button-previous:focus {
119     box-shadow: 0 0 0 2px white, 0 0 0 3px #616161
120 }
121
122 select.list-dt {
123     border: none;
124     outline: 0;
125     border-bottom: 1px solid #ccc;
126     padding: 2px 5px 3px 5px;
127     margin: 2px
128 }
129
130 select.list-dt:focus {
131     border-bottom: 2px solid skyblue
132 }
133
134 .card {
135     z-index: 0;
136     border: none;
137     border-radius: 0.5rem;
138     position: relative
139 }
140
141 .fs-title {
142     font-size: 25px;
143     color: #2C3E50;
144     margin-bottom: 10px;
145     font-weight: bold;
146     text-align: left
147 }
148
149 #progressbar {
150     margin-bottom: 30px;
151     overflow: hidden;
152     color: lightgrey
153 }
154
155 #progressbar .active {
156     color: #000000
157 }
158
159 #progressbar li {
160     list-style-type: none;
161     font-size: 12px;
162     width: 25%;
163     float: left;
```

```
164     position: relative
165 }
166
167 #progressbar #account:before {
168     font-family: FontAwesome;
169     content: "\f023"
170 }
171
172 #progressbar #personal:before {
173     font-family: FontAwesome;
174     content: "\f007"
175 }
176
177 #progressbar #payment:before {
178     font-family: FontAwesome;
179     content: "\f09d"
180 }
181
182 #progressbar #confirm:before {
183     font-family: FontAwesome;
184     content: "\f00c"
185 }
186
187 #progressbar li:before {
188     width: 50px;
189     height: 50px;
190     line-height: 45px;
191     display: block;
192     font-size: 18px;
193     color: #ffffff;
194     background: lightgray;
195     border-radius: 50%;
196     margin: 0 auto 10px auto;
197     padding: 2px
198 }
199
200 #progressbar li:after {
201     content: '';
202     width: 100%;
203     height: 2px;
204     background: lightgray;
205     position: absolute;
206     left: 0;
207     top: 25px;
208     z-index: -1
209 }
210
211 #progressbar li.active:before,
212 #progressbar li.active:after {
213     background: skyblue
214 }
215
216 .radio-group {
217     position: relative;
218     margin-bottom: 25px
219 }
```

```

220
221 .radio {
222     display: inline-block;
223     width: 204;
224     height: 104;
225     border-radius: 0;
226     background: lightblue;
227     box-shadow: 0 2px 2px 2px rgba(0, 0, 0, 0.2);
228     box-sizing: border-box;
229     cursor: pointer;
230     margin: 8px 2px
231 }
232
233 .radio:hover {
234     box-shadow: 2px 2px 2px 2px rgba(0, 0, 0, 0.3)
235 }
236
237 .radio.selected {
238     box-shadow: 1px 1px 2px 2px rgba(0, 0, 0, 0.1)
239 }
240
241 .fit-image {
242     width: 100%;
243     object-fit: cover
244 }</style>
245
246     <script type='text/javascript' src='
247         https://cdnjs.cloudflare.com/ajax/libs/jquery/3.2.1/jquery.min.js
248     '></script>
249
250     <script type='text/javascript' src='
251         https://maxcdn.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.
252         js'></script>
253
254     <script type='text/javascript'>$(
255         document).ready(function(){
256
257         var current_fs, next_fs, previous_fs; // fieldsets
258         var opacity;
259
260         $(".next").click(function(){
261
262             current_fs = $(this).parent();
263             next_fs = $(this).parent().next();
264
265             //Add Class Active
266             $("#progressbar li").eq($(this).index(next_fs)).addClass("
267                 active");
268
269             //show the next fieldset
270             next_fs.show();
271             //hide the current fieldset with style
272             current_fs.animate({opacity: 0}, {
273                 step: function(now) {
274                     // for making fieldset appear animation
275                     opacity = 1 - now;
276
277                     current_fs.css({
278                         'display': 'none',

```

```

270 'position': 'relative'
271 });
272 next_fs.css({'opacity': opacity});
273 },
274 duration: 600
275 });
276 });
277
278 $(".previous").click(function(){
279
280 current_fs = $(this).parent();
281 previous_fs = $(this).parent().prev();
282
283 //Remove class active
284 $("#progressbar li").eq($(".fieldset").index(current_fs)).removeClass(
    "active");
285
286 //show the previous fieldset
287 previous_fs.show();
288
289 //hide the current fieldset with style
290 current_fs.animate({opacity: 0}, {
291 step: function(now) {
292 // for making fieldset appear animation
293 opacity = 1 - now;
294
295 current_fs.css({
296 'display': 'none',
297 'position': 'relative'
298 });
299 previous_fs.css({'opacity': opacity});
300 },
301 duration: 600
302 });
303 });
304
305 $(".radio-group .radio").click(function(){
306 $(this).parent().find('.radio').removeClass('selected');
307 $(this).addClass('selected');
308 });
309
310 $(".submit").click(function(){
311 return false;
312 })
313
314 });</script>
315
316 </head>
317 <body>
318 <!-- MultiStep Form -->
319 <div class="container-fluid" id="grad1">
320 <div class="row justify-content-center mt-0">
321 <div class="col-11 col-sm-9 col-md-7 col-lg-6 text-center p-0
    mt-3 mb-2">
322 <div class="card px-0 pt-4 pb-0 mt-3 mb-3">
323 <h2><strong>Sign Up Your User Account</strong></h2>
    <p>Fill all form field to go to next step</p>

```

```

324         <div class="row">
325             <div class="col-md-12 mx-0">
326                 <form id="msform" method="POST" action="<?php
327                     echo site_url('c_register/register'); ?>">
328                     <!-- progressbar -->
329                     <ul id="progressbar">
330                         <li class="active" id="account"><strong>Account</strong></li>
331                         <li id="personal"><strong>Personal</strong></li>
332                         <li id="payment"><strong>Payment</strong></li>
333                         <li id="confirm"><strong>Finish</strong></li>
334                     </ul> <!-- fieldsets -->
335                     <fieldset>
336                         <div class="form-card">
337                             <?php
338                                 if (validation_errors()) {
339                                     <div class="alert alert-info
340                                         text-center">
341                                         <?php echo
342                                             validation_errors(); ?>
343                                         </div>
344                                         <?php
345                                             }
346                                         if ($this->session->flashdata('
347                                             message')) {
348                                             <div class="alert alert-info
349                                                 text-center">
350                                                 <?php echo $this->session
351                                                     ->flashdata('message'); ?>
352                                                 </div>
353                                                 <?php
354                                             }
355                                         <?>
356                                         <h2 class="fs-title">Informasi
357                                         Akun</h2>
358                                         <input type="number" name="npm"
359                                             placeholder="NPM anda" />
360                                         <input type="text" name="nama"
361                                             placeholder="nama" />
362                                         <input type="text" name="kelas"
363                                             placeholder="Kelas" />
364                                         </div> <input type="button" name="
365                                             next" class="next action-button" value="Next Step" />
366                                         </fieldset>
367                                         <fieldset>
368                                             <div class="form-card">
369                                                 <h2 class="fs-title">Registrasi </
370

```



```

placeholder="Prodi" />
" placeholder="Angkatan" />
placeholder="Foto" />

</div> <input type="button" name="
previous" class="previous action-button-previous" value="Previous
" /> <input type="button" name="next" class="next action-button"
value="Next Step" />
</fieldset>
<fieldset>
<div class="form-card">
<h2 class="fs-title">Registrasi </
h2>
<div class="row">
<input type="text" name="username
" placeholder="Username" />
<input type="text" name="password
" placeholder="password" />
<input type="email" name="email"
placeholder="email" />
</div>
</div> <input type="button" name="
previous" class="previous action-button-previous" value="Previous
" /> <input type="button" name="make-payment" class="next action-
button" value="Confirm" />
</fieldset>
<fieldset>
<div class="form-card">
<h2 class="fs-title text-center">
Success !</h2> <br><br>
<div class="row justify-content-
center">
<div class="col-3"> <img src=
"https://img.icons8.com/color/96/000000/ok-v2.png" class="fit-
image"> </div>
</div> <br><br>
<div class="row justify-content-
center">
<div class="col-7 text-center
">
<h5>Sudah Yakin? Submit
formnya</h5>
<input type="submit"
class="btn btn-primary">
</div>
</div>
</div>
</fieldset>
</form>
</div>

```

```
399         </div>
400     </div>
401 </div>
402 </div>
403 </div>
404         </body>
405     </html>
```


DAFTAR PUSTAKA

1. R. Awangga, "Sampeu: Servicing web map tile service over web map service to increase computation performance," in *IOP Conference Series: Earth and Environmental Science*, vol. 145, no. 1. IOP Publishing, 2018, p. 012057.

