****

**UNIVERSITAS**

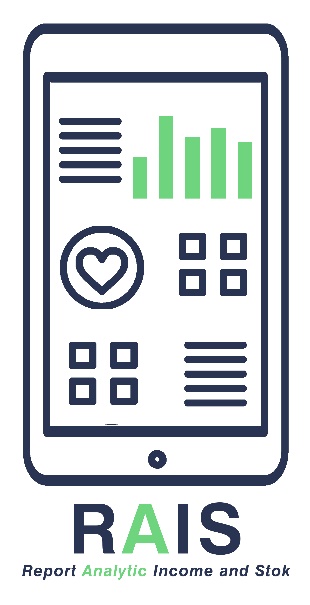
**MULTI DATA**

**PALEMBANG**

**MANUAL   
BOOK**

**SRS DISTRIBUTOR**

**(SISTEM INFORMASI REPORT SALES DISTRIBUTOR)**

****

****

**UNIVERSITAS**

**MULTI DATA**

**PALEMBANG**

# **DAFTAR ISI**

[**DAFTAR ISI** 2](#_Toc96212737)

[**DESKRIPSI SISTEM** 3](#_Toc96212738)

[**TUJUAN PEMBUATAN DOKUMEN** 4](#_Toc96212739)

[**MANUAL BOOK STORM** 5](#_Toc96212740)

[**FITUR & CARA KERJA APLIKASI STORM** 6](#_Toc96212741)

[**LANGKAH PENGGUNAAN APLIKASI STORM** 8](#_Toc96212742)

[**MANUAL BOOK SIMORP** 20](#_Toc96212743)

[**FITUR & CARA KERJA APLIKASI SIMORP** 21](#_Toc96212744)

[**LANGKAH PENGGUNAAN APLIKASI SIMORP** 23](#_Toc96212745)

[**MANUAL BOOK RAIS** 35](#_Toc96212746)

[**FITUR & CARA KERJA APLIKASI RAIS** 36](#_Toc96212747)

[**LANGKAH PENGGUNAAN APLIKASI RAIS** 38](#_Toc96212748)

[**SOURCE CODE STORM** 46](#_Toc96212749)

[**SOURCE CODE SIMORP** 137](#_Toc96212750)

[**SOURCE CODE RAIS** 267](#_Toc96212751)

**Sistem Informasi Report Data Sales Distributor (SRS Distributor)** merupakan sistem yang diperuntukan bagi pemilik, tenant, sales, dan bagian gudang distributor kota Palembang. Sistem ini terdiri dari 3 (tiga) aplikasi, dengan 2(dua) platform yaitu berbasis mobile untuk pemilik distributor, tenant, dan sales, serta berbasis dekstop untuk bagian gudang. Sistem ini mempermudah penyampaian informasi dengan menghubungkan antara pemilik distributor, bagian gudang, tenant dan sales. Melalui sistem ini pemilik distributor dapat memantau secara *realtime* stok barang yang terdapat pada tiap tenant, dan bagian tenant dapat mengakses data terbaru barang serta melakukan pemesanan tanpa harus menunggu kedatangan sales. Sehingga terjadi komunikasi yang baik antara distributor dan tenantnya.

**Tabel 1 Pembagian fitur sistem berdasarkan pengguna**

**DESKRIPSI SISTEM**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Fitur | Pemilik | Bagian Gudang | Tenant | Sales |
| Login | ☑ | ☑ | ☑ | ☑ |
| Ubah profil | ☑ | ☑ | ☑ | ☑ |
| **RAIS** | | | | |
| Monitoring persediaan stok tenant | ☑ |  |  |  |
| Monitoring pemasukan dan penjualan tenant | ☑ |  |  |  |
| Analisis ketersediaan minimum stok | ☑ |  |  |  |
| Analisis peringka kontribusi keuntungan tenant | ☑ |  |  |  |
| **STORM** | | | | |
| Tampil, tambah dan ubah data master :   * Barang * Pesanan * Cabang * User * Suplier | ☑ | ☑ |  |  |
| Laporan pemesanan tenant harian | ☑ | ☑ |  |  |
| Laporan sisa barang gudang | ☑ | ☑ |  |  |
| Kirim notifikasi | ☑ | ☑ |  |  |
| **SIMORP** | | | | |
| Scan barcode barang |  |  | ☑ | ☑ |
| Input pemesanan |  |  | ☑ | ☑ |
| Input penjualan |  |  | ☑ | ☑ |
| Tampil data pemesanan |  |  | ☑ | ☑ |
| Tampil data penjualan |  |  | ☑ | ☑ |
| Tampil notifikasi |  |  | ☑ | ☑ |

# **TUJUAN PEMBUATAN DOKUMEN**

Pembuatan dokumen Sistem Informasi Report Data Sales Distributor (SRS Distributor) ini bertujuan sebagai berikut:

1. Mengambarkan dan menjelaskan bagaimana penggunaan tiap aplikasi pada sistem untuk pemilik distributor, bagian gudang, tenant, dan sales
2. Sebagai panduan instalasi, konfigurasi, dan penggunaan aplikasi yang terdapat pada sistem ini
3. Dokumen ini dapat dipergunakan sebagai dasar dalam melakukan pemeliharaan sistem

Pihak-pihak yang berhak mengakses dan menggunakan dokumen ini adalah sebagai beriikut:

1. Bagian gudang yang dalam hal ini juga berperan sebagai admin aplikasi dapat menggunaka dokumen ini sebagai panduan untuk mereka melakukan pemeliharaan sistem
2. Tenant dan sales menggunakan dokumen ini sebagai panduan dalam penggunaan serta pemeliharaan sistem
3. Pemilik distributor menggunakan dokumen ini sebagai panduan dalam penggunaan serta pemeliharaan sistem

****

**UNIVERSITAS**

**MULTI DATA**

**PALEMBANG**

**MANUAL   
BOOK**

# **MANUAL BOOK STORM**

**STORM (Stok and Order Monitoring)**

****

# **FITUR & CARA KERJA APLIKASI STORM**

Berikut merupakan fitur-fitur yang terdapat pada aplikasi **STORM** berikut cara kerjanya :

* **Login**

Melalui fitur ini, aplikasi dapat lebih terjamin kemananya, dikarnakan pengguna harus melakukan login terlebih dahulu agar dapat melakukan proses fitur lainnya dengan memasukkan username dan password pada admin aplikasi sebelumnya.

* **Barang**

Melalui fitur ini, pengguna dipermudahkan dalam mendapatkan dan mengeolah data barang. Mengeolah data barang pada menu ini terbagi menjadi 2(dua) jenis kegiatan yaitu melakukan penambahan data dan pengkinian data barang.

* **Pesanan**

Melalui fitur ini,pengguna dapat dipermudah dalam mengakses data pesanan yang dilakukan tenant melalui aplikasi. Sehingga ketika tenant melakukan pemesanan bagian gudang langsung dapat melakukan konfirmasi penerimaan pesanan dan melakukan pembungkusan barang sesuai pesanan yang di ajukan tenant.

* **Tenant**

Melalui fitur ini, pengguna dapat dipermudah dalam menampilakan dan mengeolah data tenant. Mengeolah data tenant pada menu ini terbagi menjadi 2(dua) jenis kegiatan yaitu melakukan penambahan dan pengkinian data tenant

* **Suplier**

Melalui fitur ini, pengguna dapat dipermudah untuk mencari, menampilkan dan mengkinikan data suplier

* **User**

Melalui fitur ini, pengguna dipermudah dalam melakukan pemberian hak akses sesuai jabatan yang telah ditentukan

* **Laporan**

Melalui fitur ini pengguna dapat dipermudah untuk melakukan balancing harian dengan mencocokan uang masuk antara digudang dan disistem

* **Notifikasi**

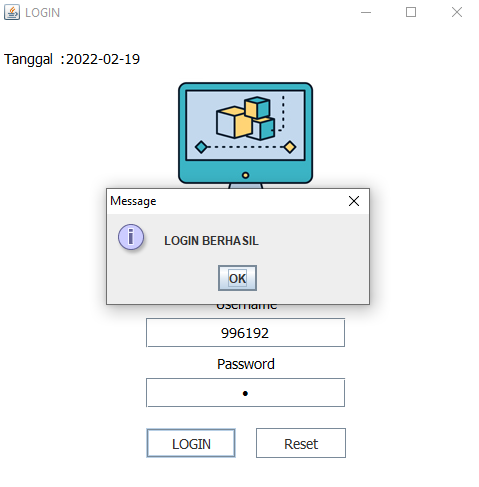
Melalui fitur ini pengguna dapat dipermudah untuk mengirimkan notifikasi kepada semua tenant, terkait informasi terbaru barang maupun informasi terbaru lainnya

# **LANGKAH PENGGUNAAN APLIKASI STORM**

Berikut merupakan langkah-langkah penggunaan tiap fitur-fitur yang terdapat pada aplikasi **STORM** berikut cara kerjanya :

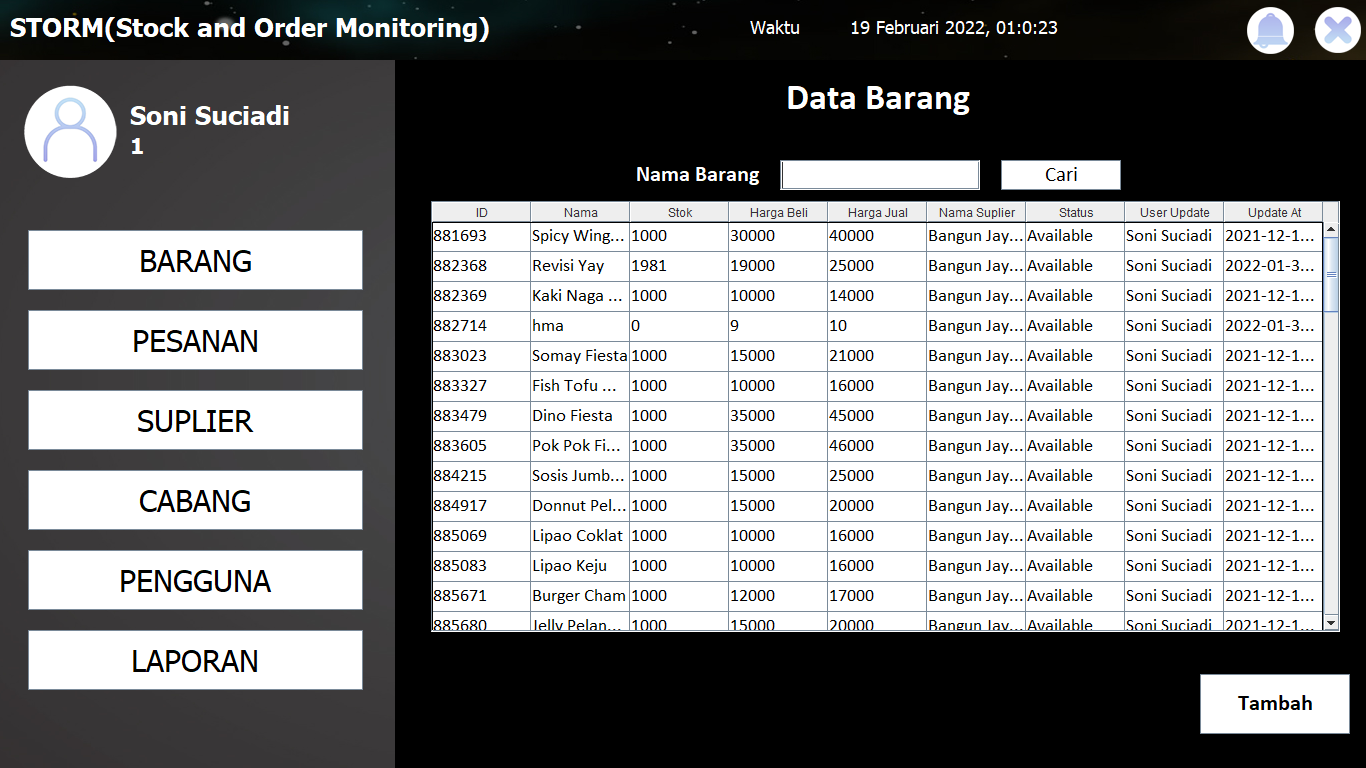
1. **Login**

Untuk dapat mengakses fitur-fitur aplikasi **STROM**, pengguna harus melakukan proses login agar dapat mengakses fitur lainnya dengan cara memasukkan username dan password yang telah didaftarkan oleh admin aplikasi sebelumnya lalu menekan tombol “LOGIN”.



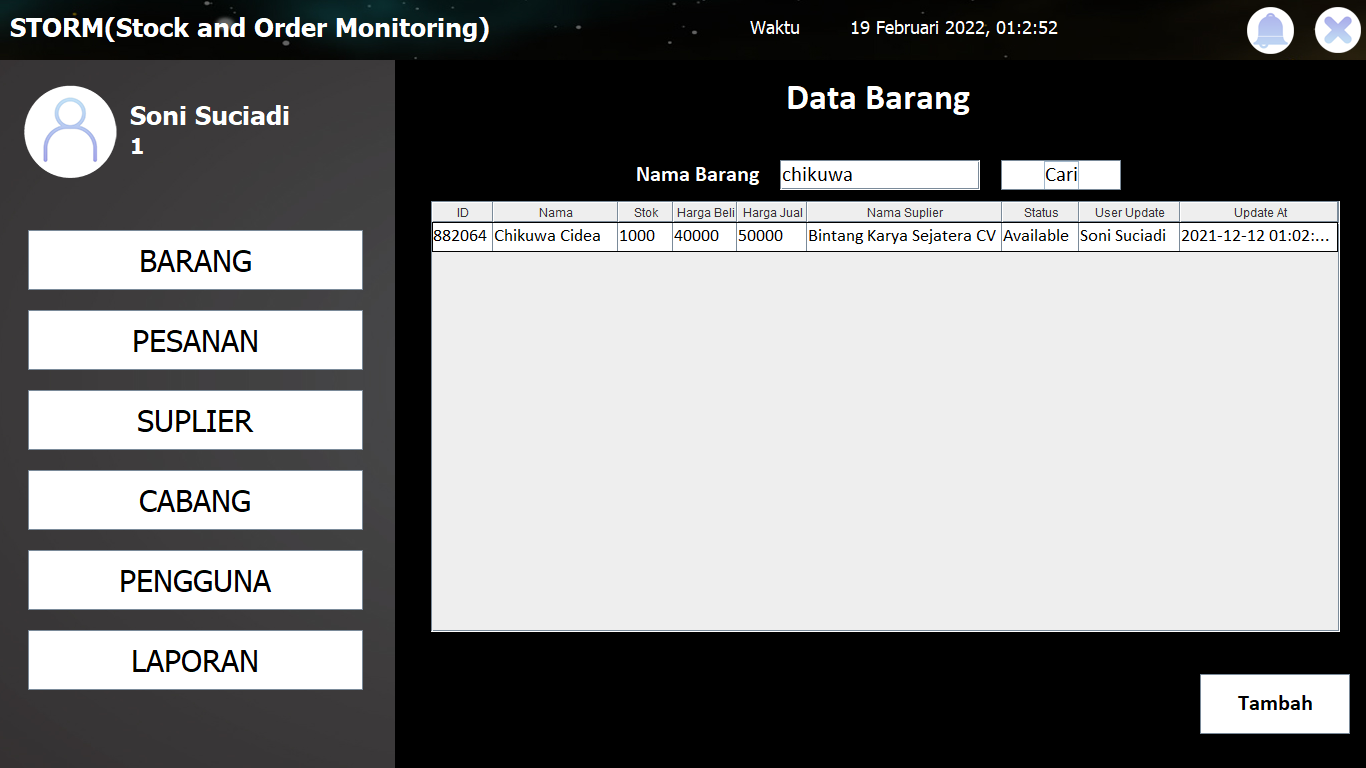
1. **Tampil data barang**

Setelah pengguna login aplikasi maka akan masuk kehalaman barang sebagai defaultnya, pada halaman barang ini akan disajikan data semua data barang yang terdapat pada distributor, dan sebagai alat bantu pencarian juga terdapat file search untuk mencari data barang berdasarkan nama barang yang akan di input oleh pengguna.



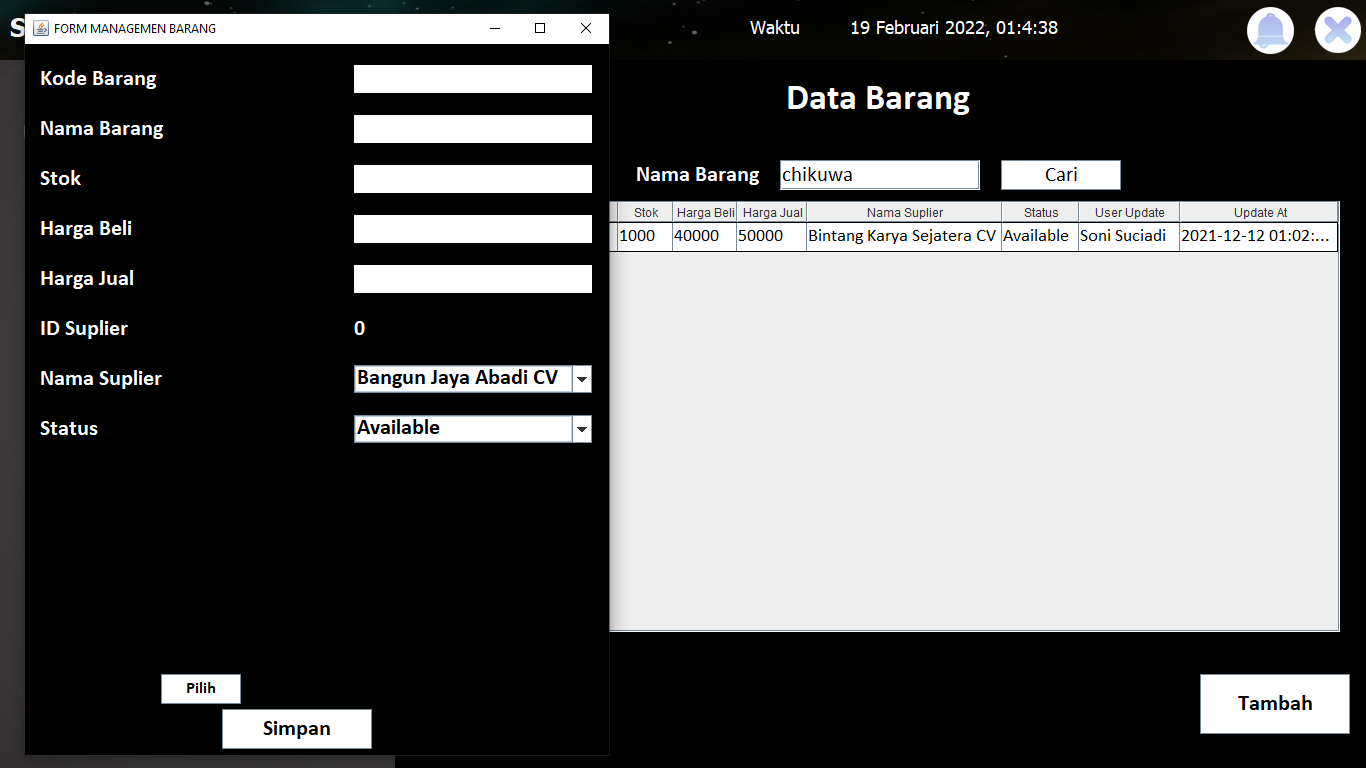
1. **Cari data barang**

Untuk mempermudah pengguna dalam mencari data barang, di sediakan field cari pada aplikasi sehingga pengguna tinggal memasukan nama barang dan menekan tombol cari, dan akan tampil data dari barang yang di cari oleh pengguna

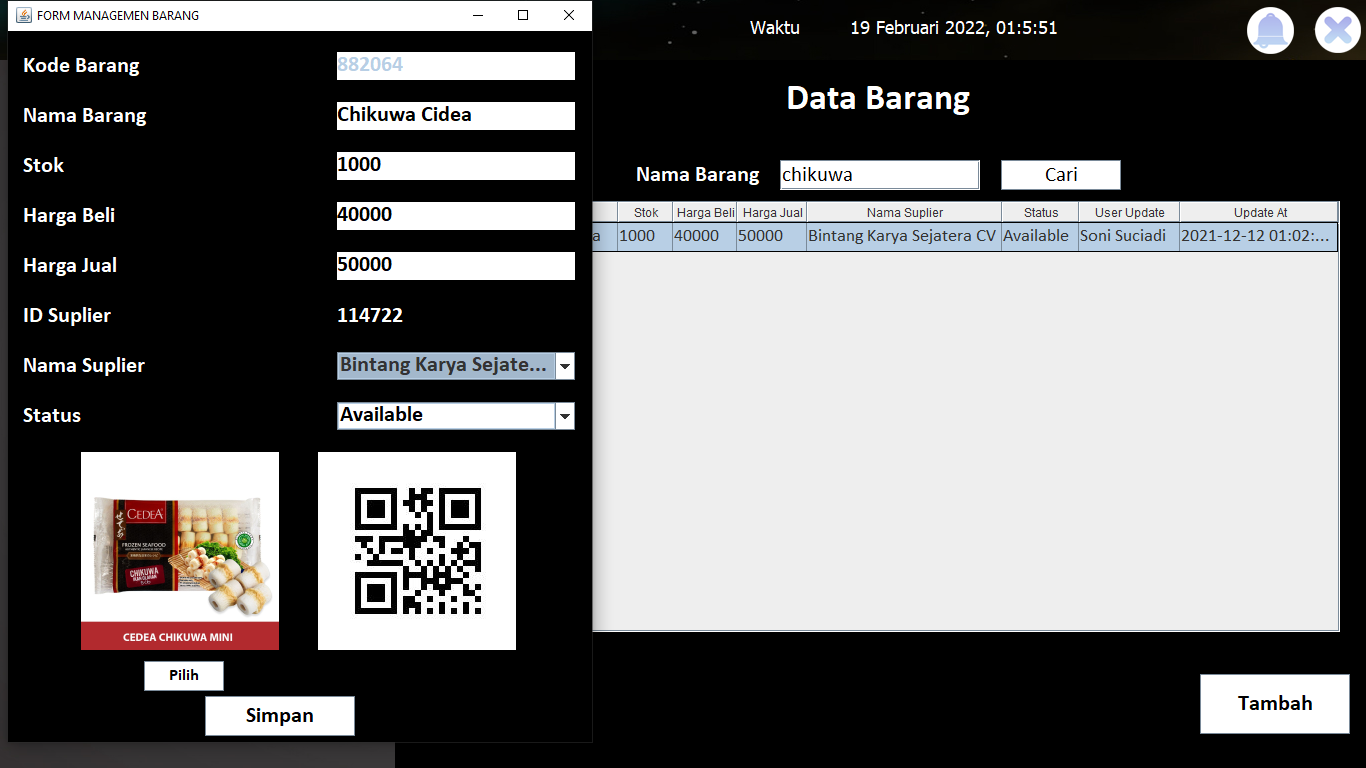


1. **Keleola data barang**

Pada menu keola barang ini terdapat 2kegiatan yang dapat dilakukan oleh pengguna yaitu melakukan penambahan data barang baru dengan cara mekan tombol tambah pada pojok kanan bawah

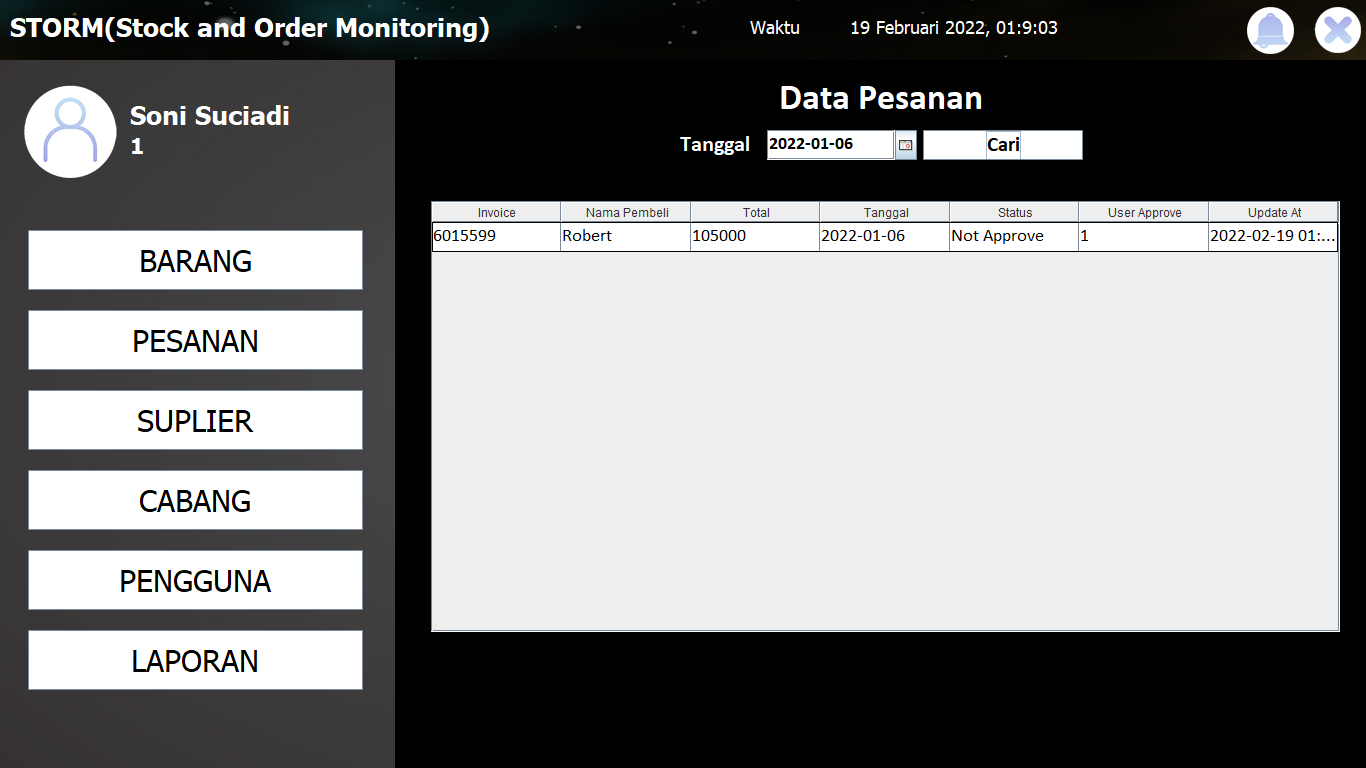


Ataupun melakukan pengkinian data barang dengan cara menekan baris barang yang datanya ingin di kinikan pada tabel data barang



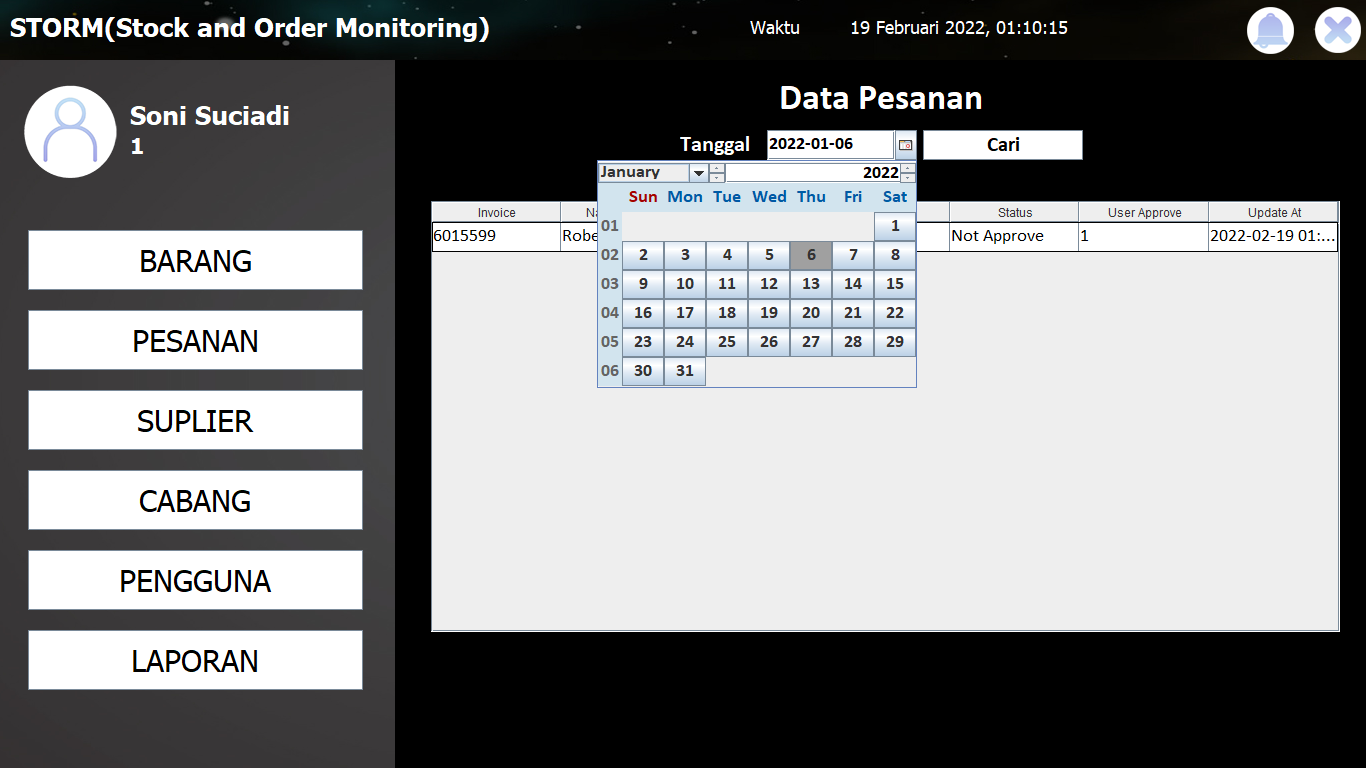
Setelah data barang dimasukan pengguna dapat menekan tombol simpan untuk menyimpan semua data maupun pembaruan yang terjadi.

1. **Tampil data pesanan**

Pada menu ini akan tampil semua pesanan yang masuk pada hari berjalan sehingga pengguna langsung dapat mengakses data pesanan barang yang masuk 

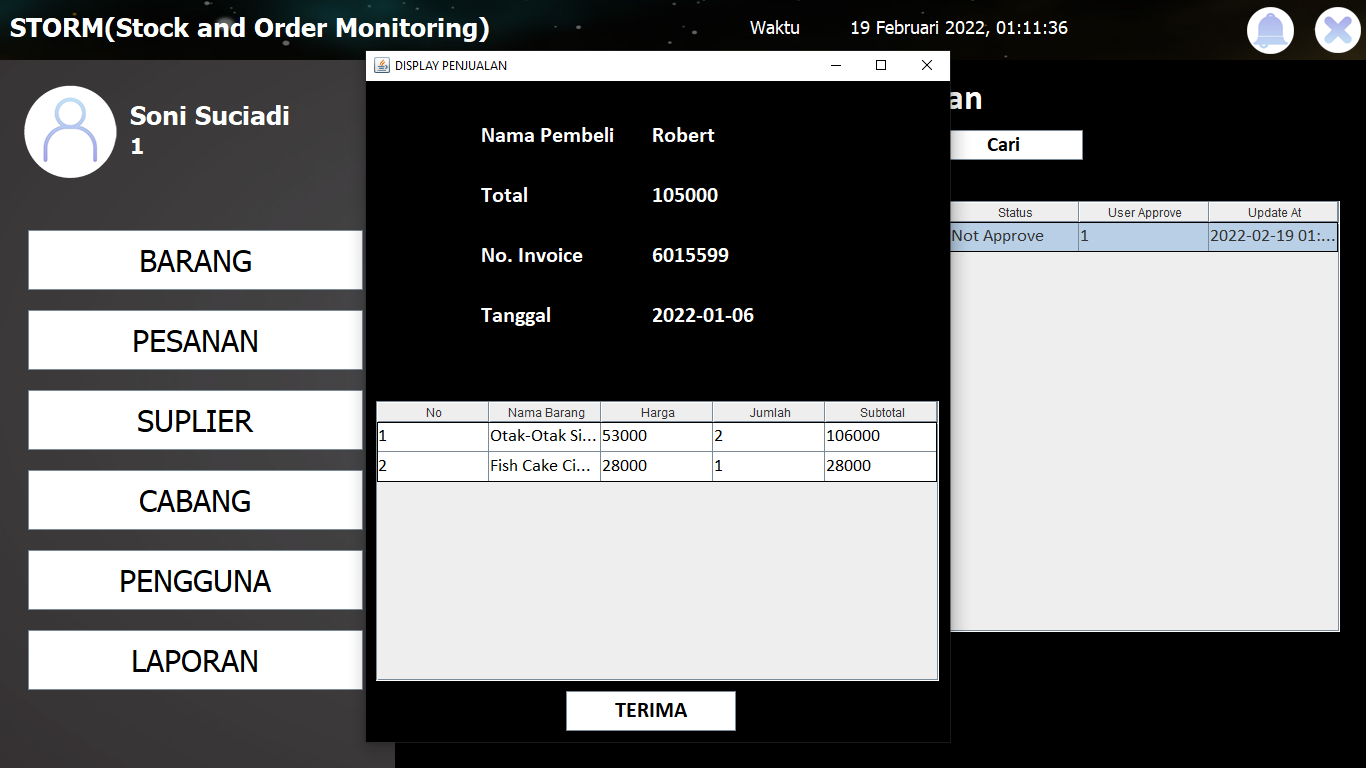
1. **Cari data pesanan berdasarkan tanggal**

Untuk mempermudah pengguna dalam mencari data pesanan terdahulu, disediakan fild berupa kalender yang dapat dipilih oleh pengguna untuk mencari pesanan berdasarkan tanggal pemesanan



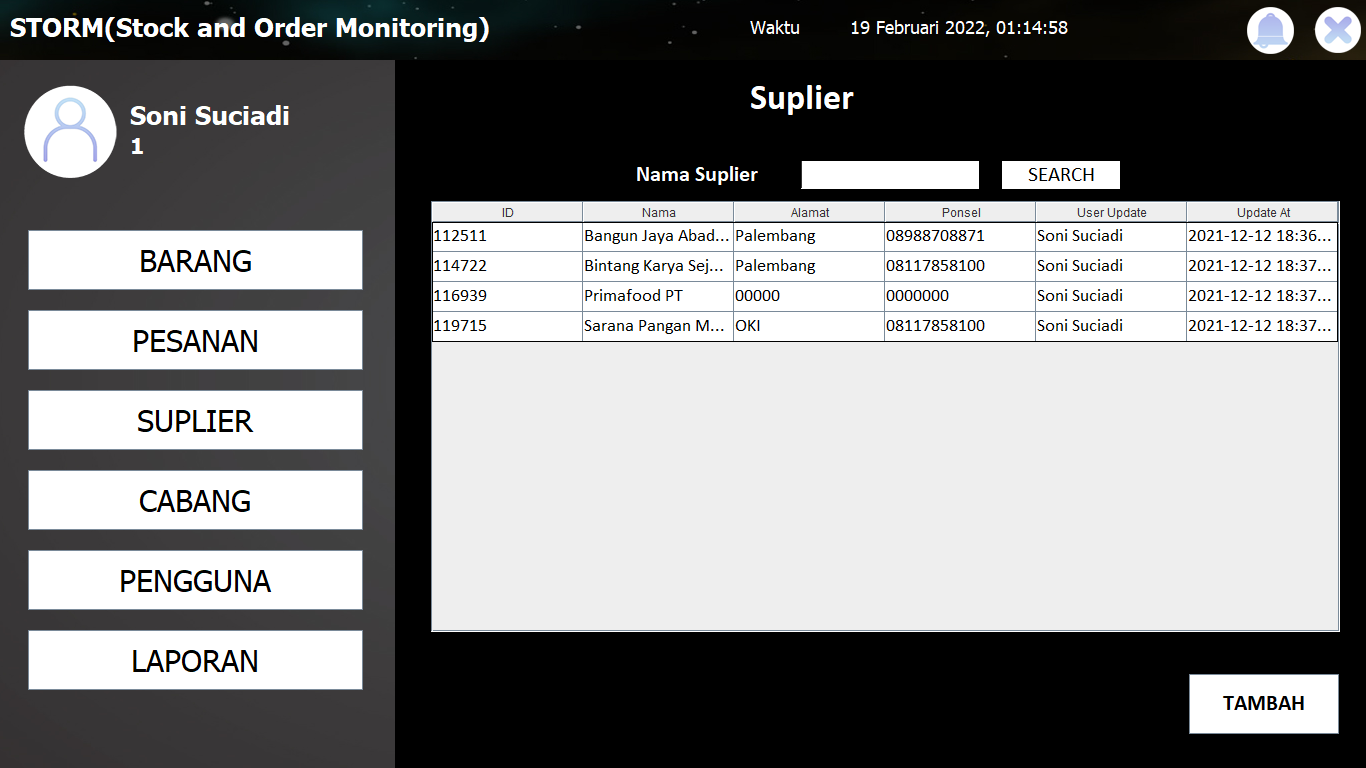
1. **Terima pesanan**

Setelah pesanan yang di cari didapat selanjutnya pengguna dapat melakukan konfirmasi penerimaan pesanan dengan mengklik data pada tabel pesanan dan menekan tombol terima pada jendela detail pesanan.



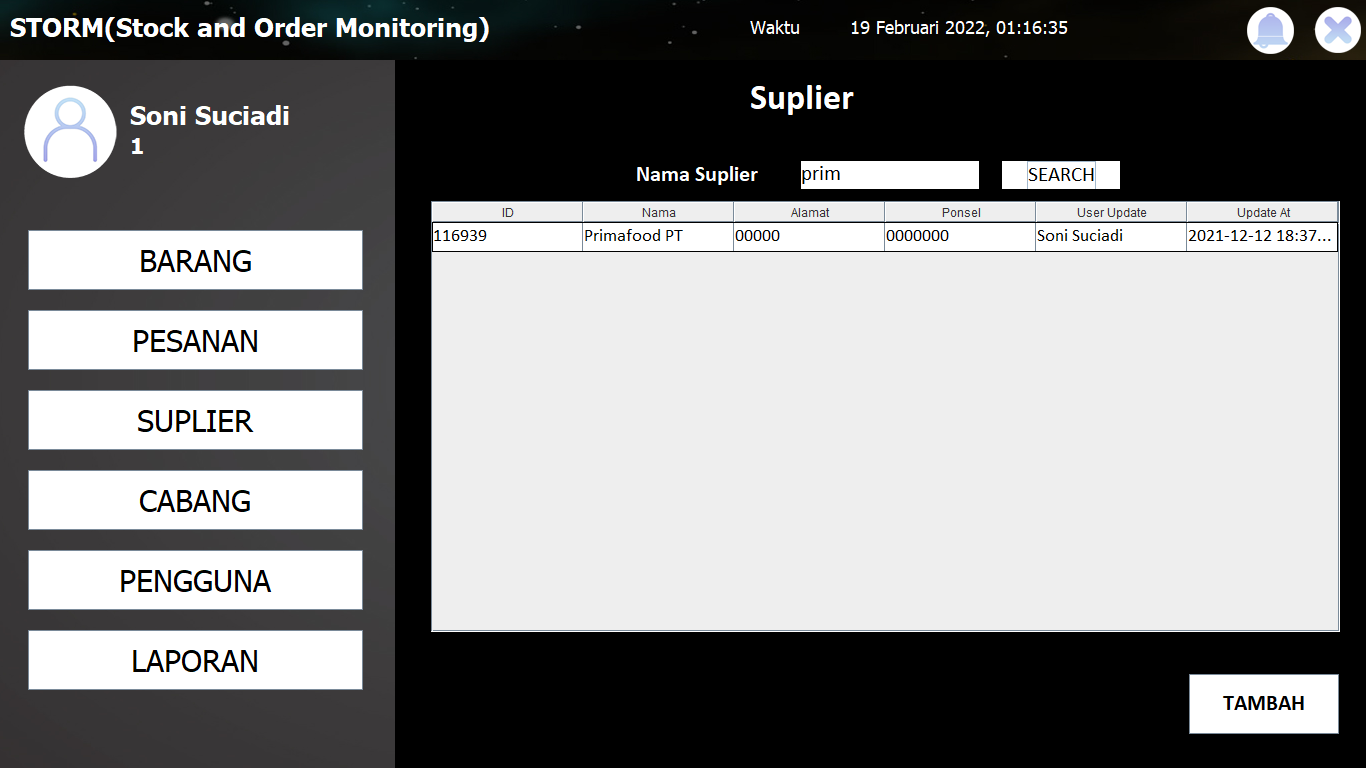
1. **Tampil data suplier**

Pada menu ini akan tampil semua data suplier yang menyuplai barang pada distributor sehingga pengguna dapat melakukan pengecekan data suplier dengan lebih mudah



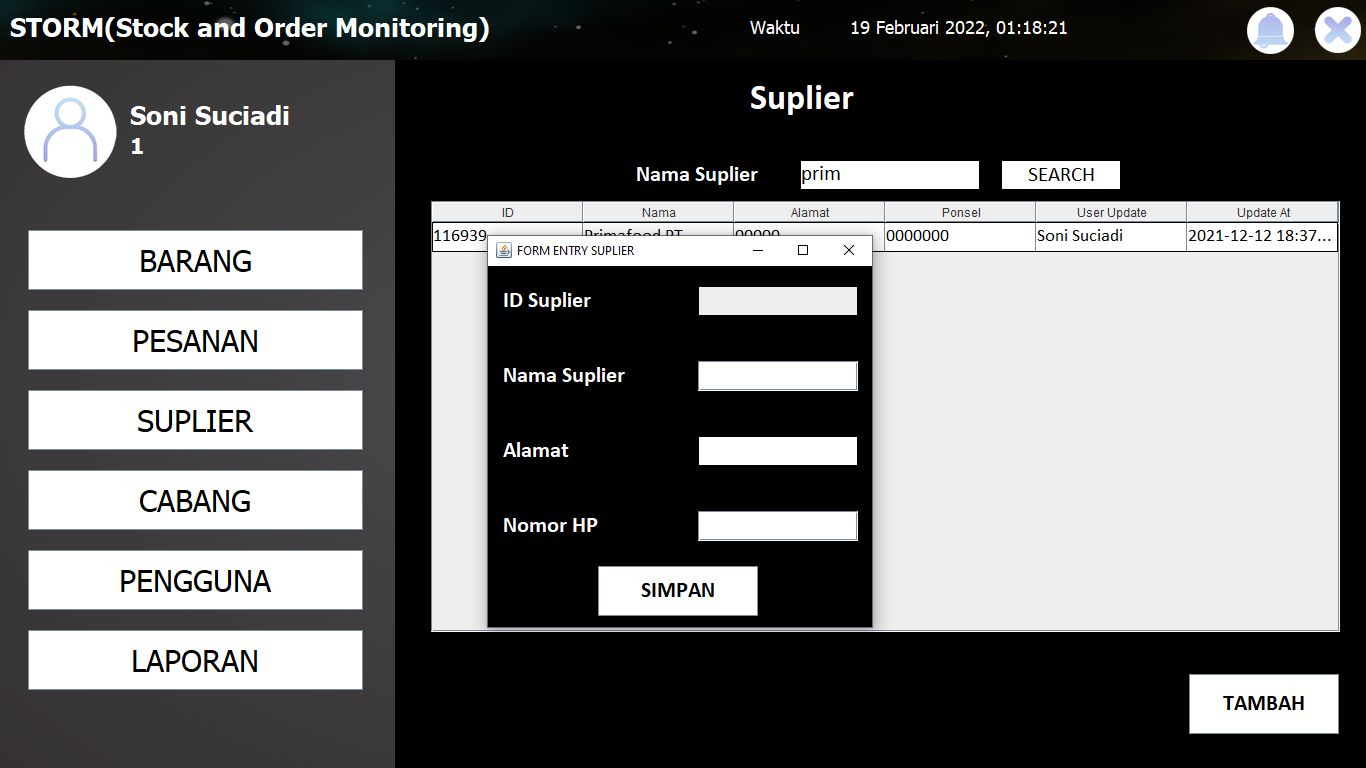
1. **Cari data suplier**

Untuk mempermudah pengguna dalam mencari data suplier, disediakan field yang dapat di isi oleh pengguna untuk mencari data suplier berdasarkan nama

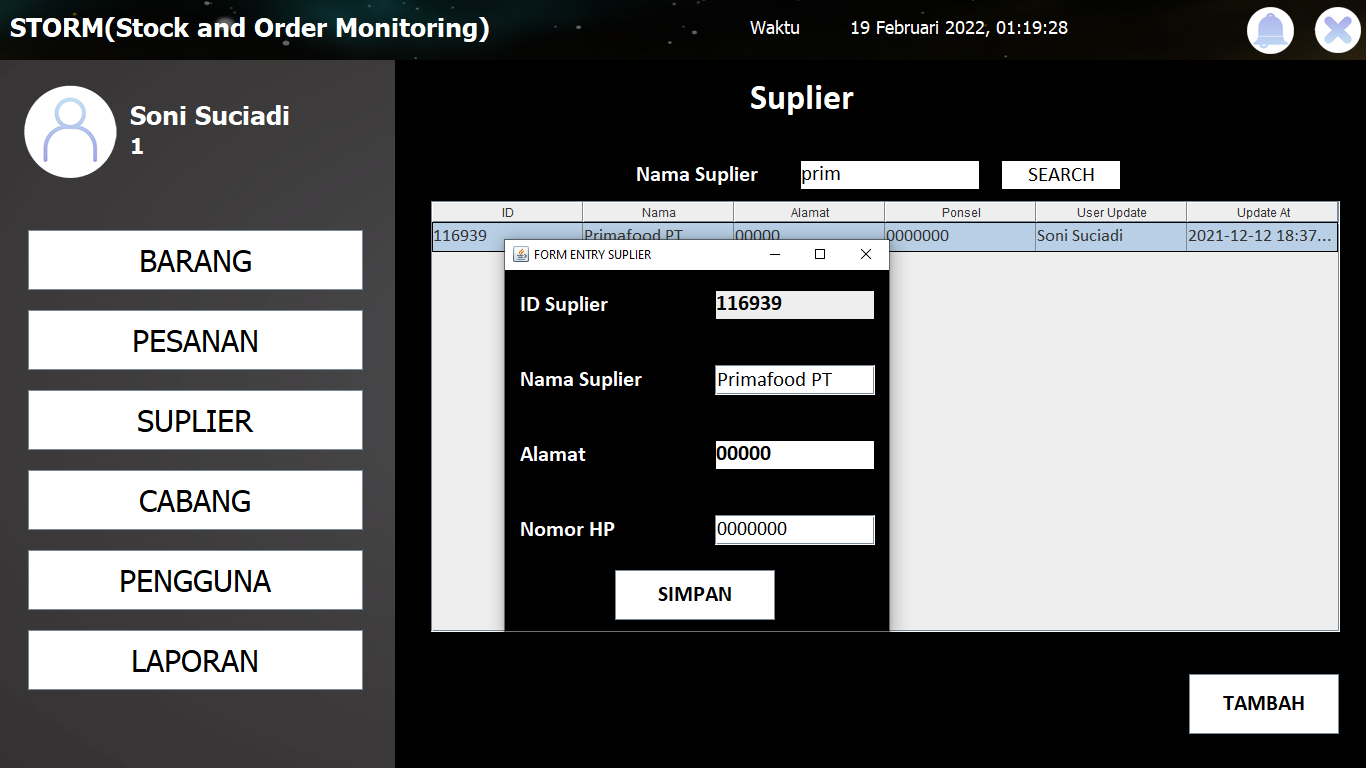


1. **Keleola data suplier**

Keleola data suplier pada menu terbagi atas 2(dua) aktivitas yaitu penambahan data suplier dan pengkinian data suplier. Untuk melakukan penambahan pengguna cukup menekan tombol tambah pada pojok kanan bawah untuk menampilkan form suplier kosong

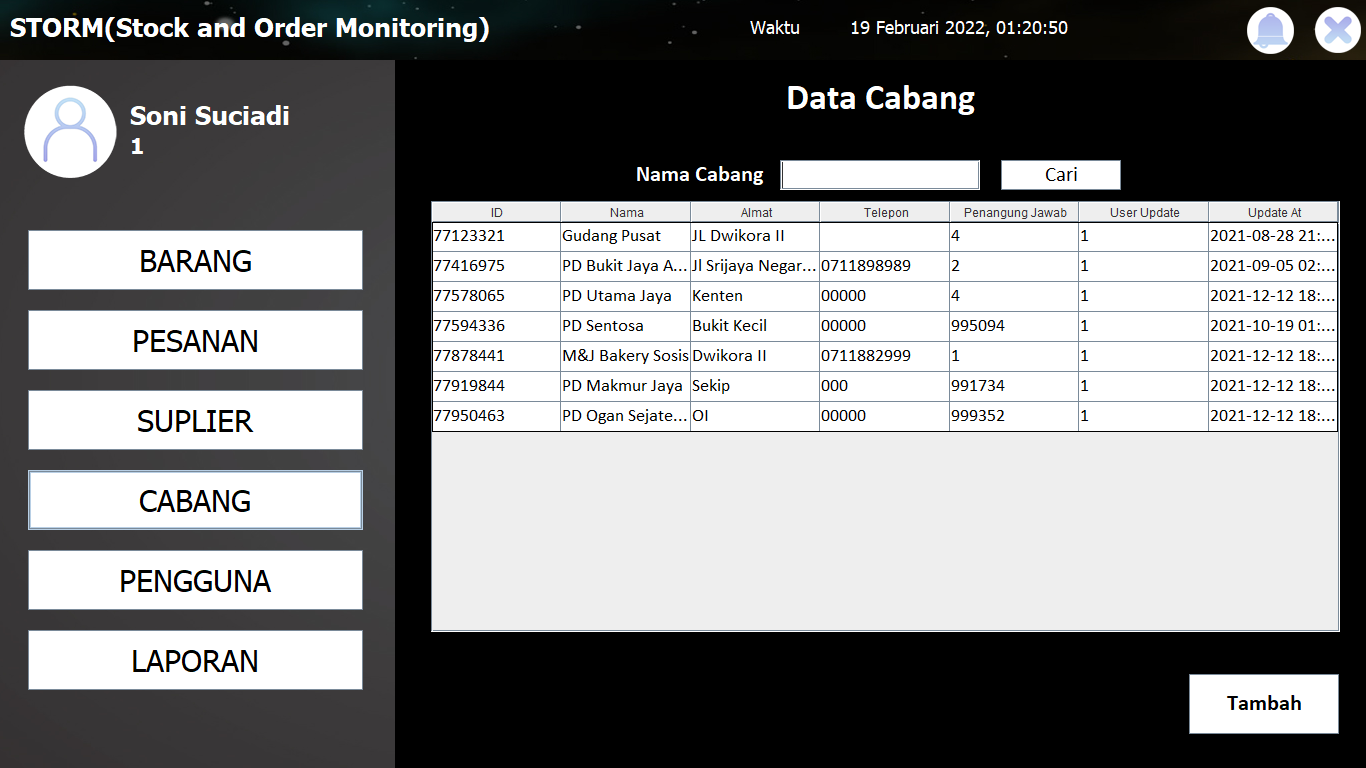


Jika pengguna ingin melakukan pengkininan data suplier pengguna dapat menekan baris pada kolom data suplier untuk menampilakan form data suplier yang ingin dikinikan



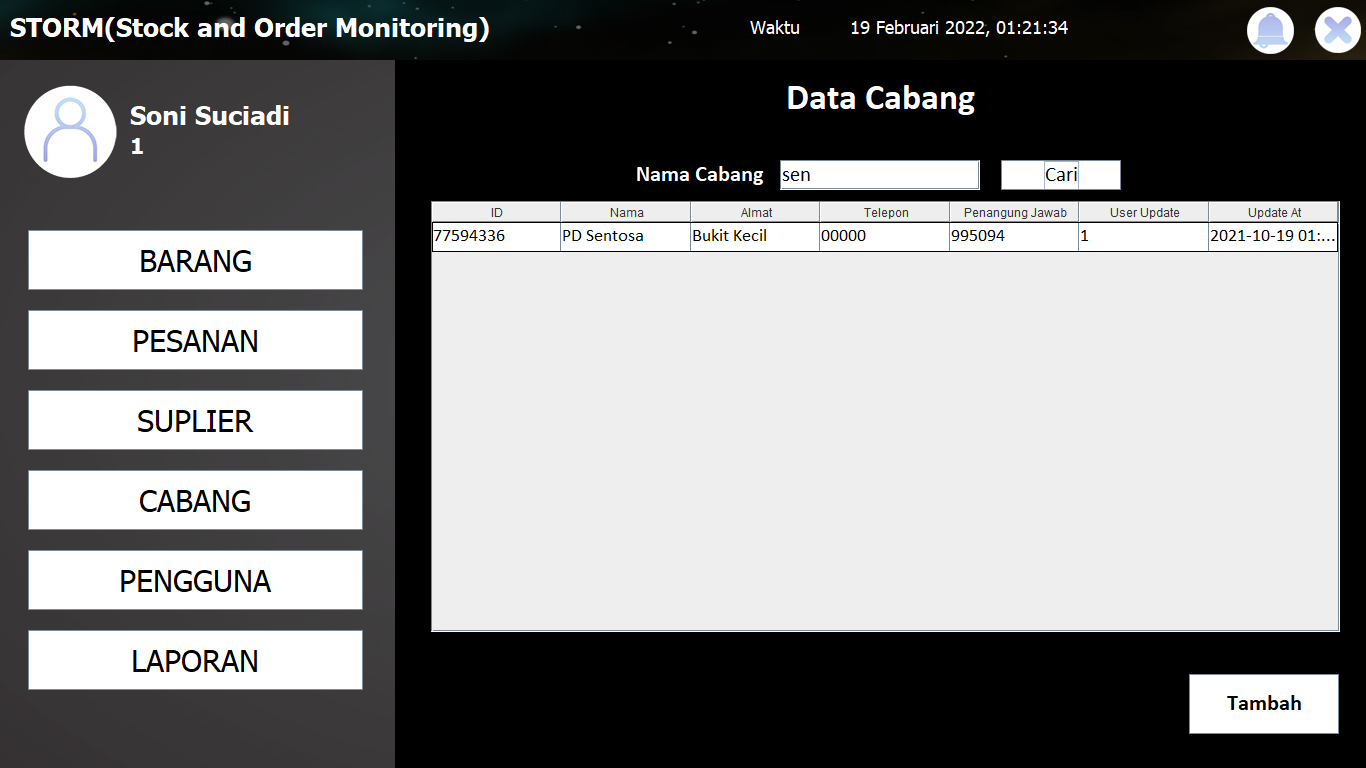
1. **Tampil data tenant**

Pada menu ini akan tampil semua data tenant yang tergabung dalam distributor sehingga pengguna dapat melakukan pengecekan data tenant dengan lebih mudah



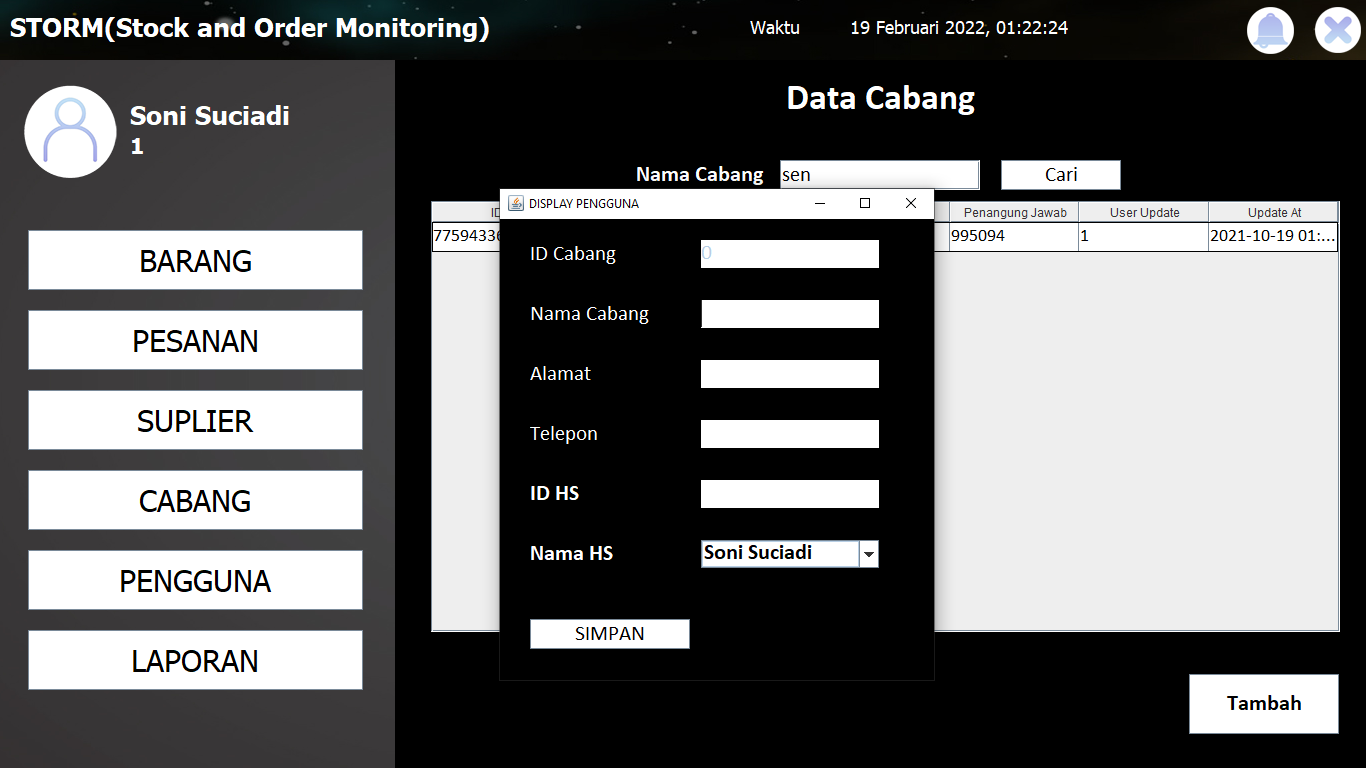
1. **Cari data cabang**

Untuk mempermudah pengguna dalam mencari data tenant, disediakan field yang dapat di isi oleh pengguna untuk mencari data tenant berdasarkan nama

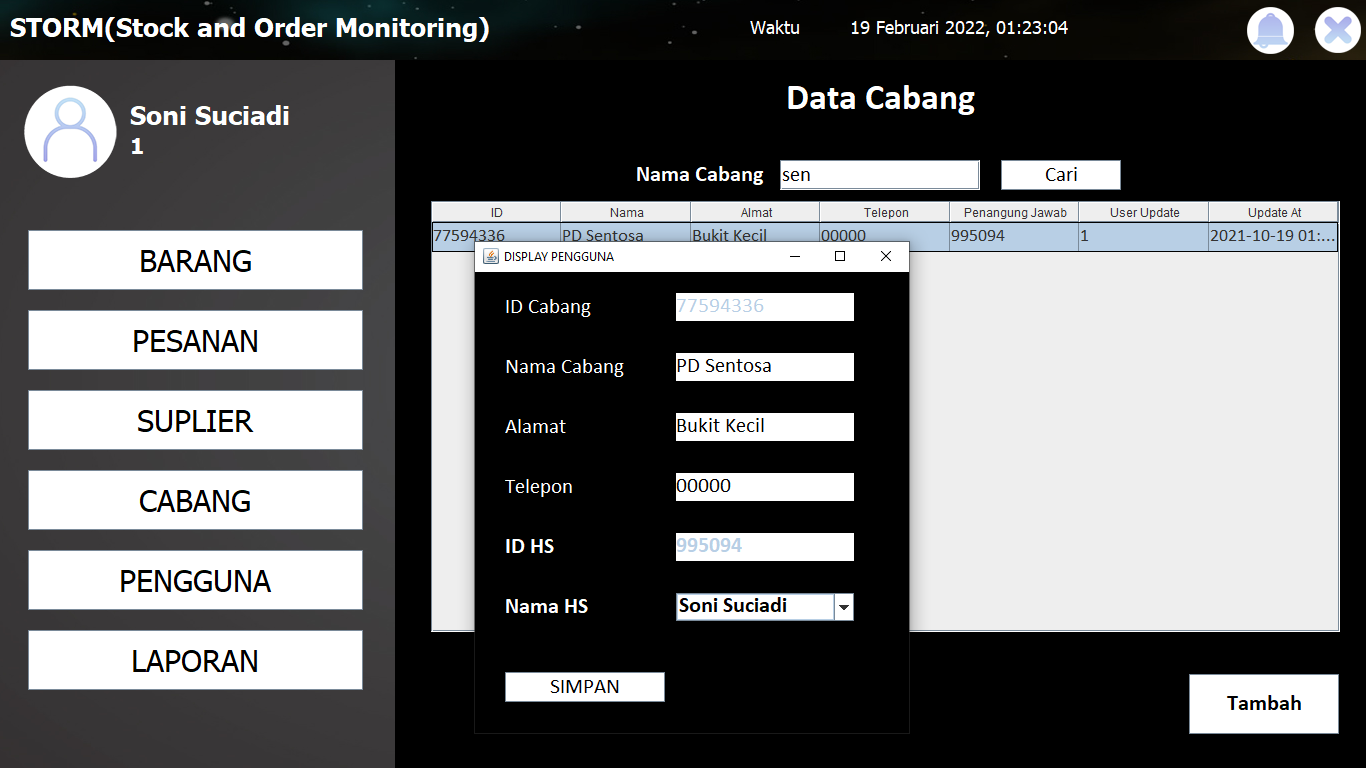


1. **Keleola data tenat**

Keleola data tenant pada menu terbagi atas 2(dua) aktivitas yaitu penambahan data tenant dan pengkinian data tenant. Untuk melakukan penambahan pengguna cukup menekan tombol tambah pada pojok kanan bawah untuk menampilkan form tenant kosong



Jika pengguna ingin melakukan pengkininan data tenant pengguna dapat menekan baris pada kolom data tenant untuk menampilakan form data tenant yang ingin dikinikan



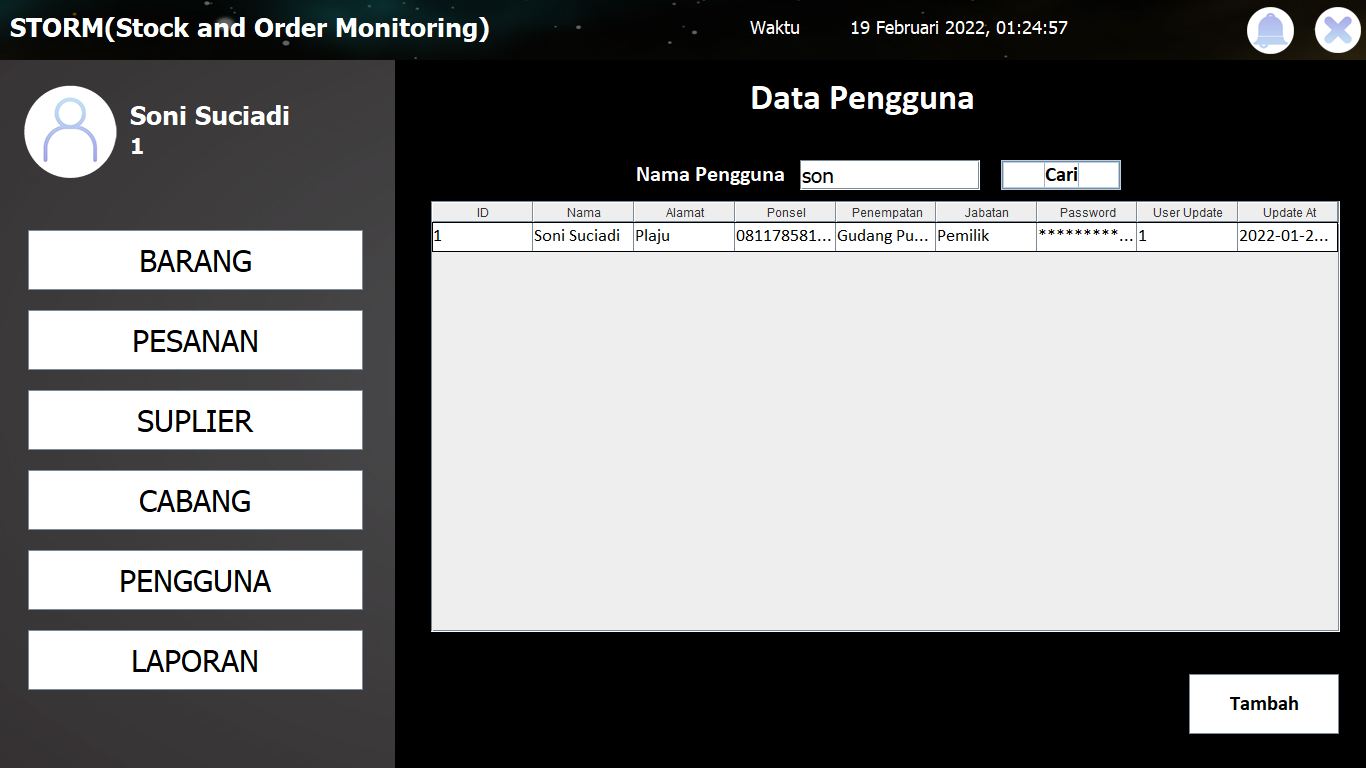
1. **Tampil data pengguna**

Pada menu ini akan tampil semua data pengguna semua aplikasi yang tergabung dalam sistem sehingga pengguna dapat melakukan pengecekan data pengguna dengan lebih mudah



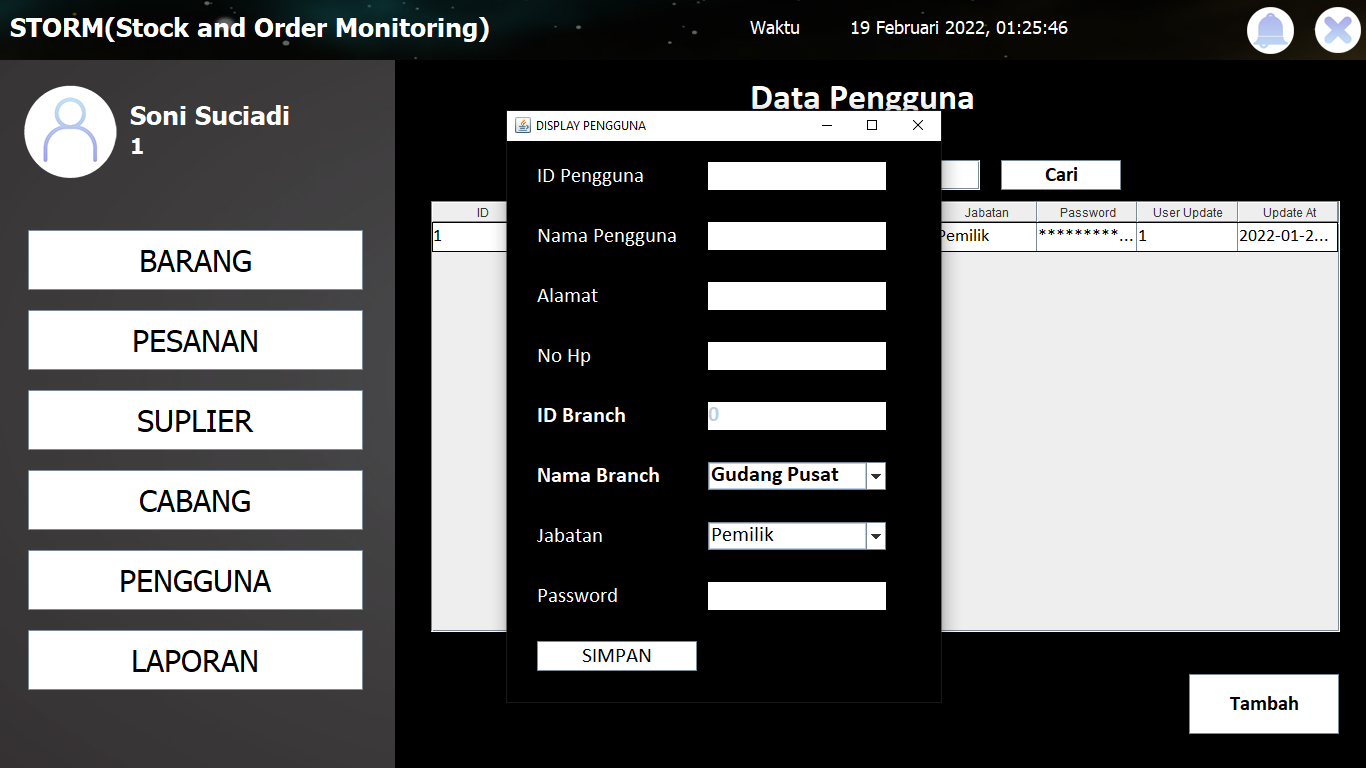
1. **Cari data pengguna**

Pada menu ini akan tampil semua data pengguna yang tergabung dalam distributor sehingga pengguna dapat melakukan pengecekan data pengguna dengan lebih mudah

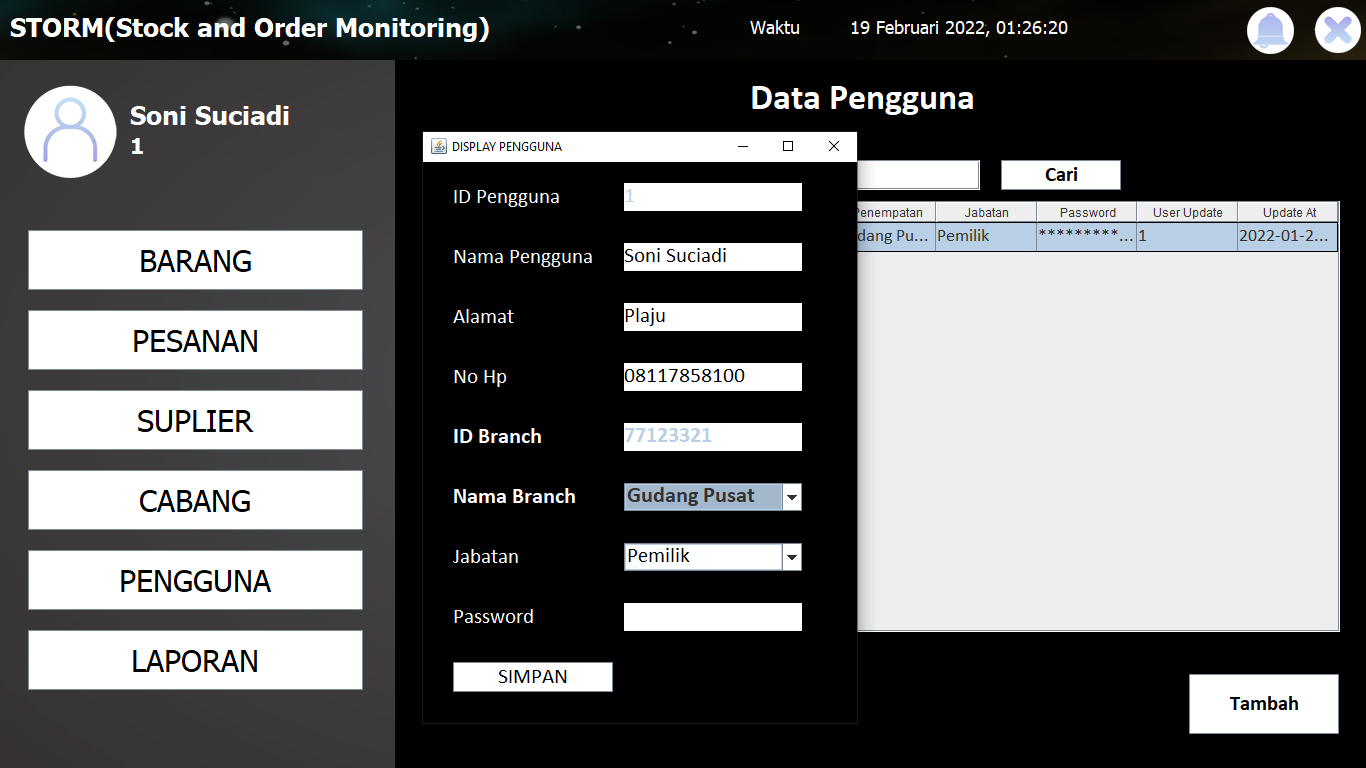


1. **Keleola data pengguna**

Keleola data pengguna pada menu terbagi atas 2(dua) aktivitas yaitu penambahan data pengguna dan pengkinian data pengguna. Untuk melakukan penambahan pengguna cukup menekan tombol tambah pada pojok kanan bawah untuk menampilkan form pengguna kosong

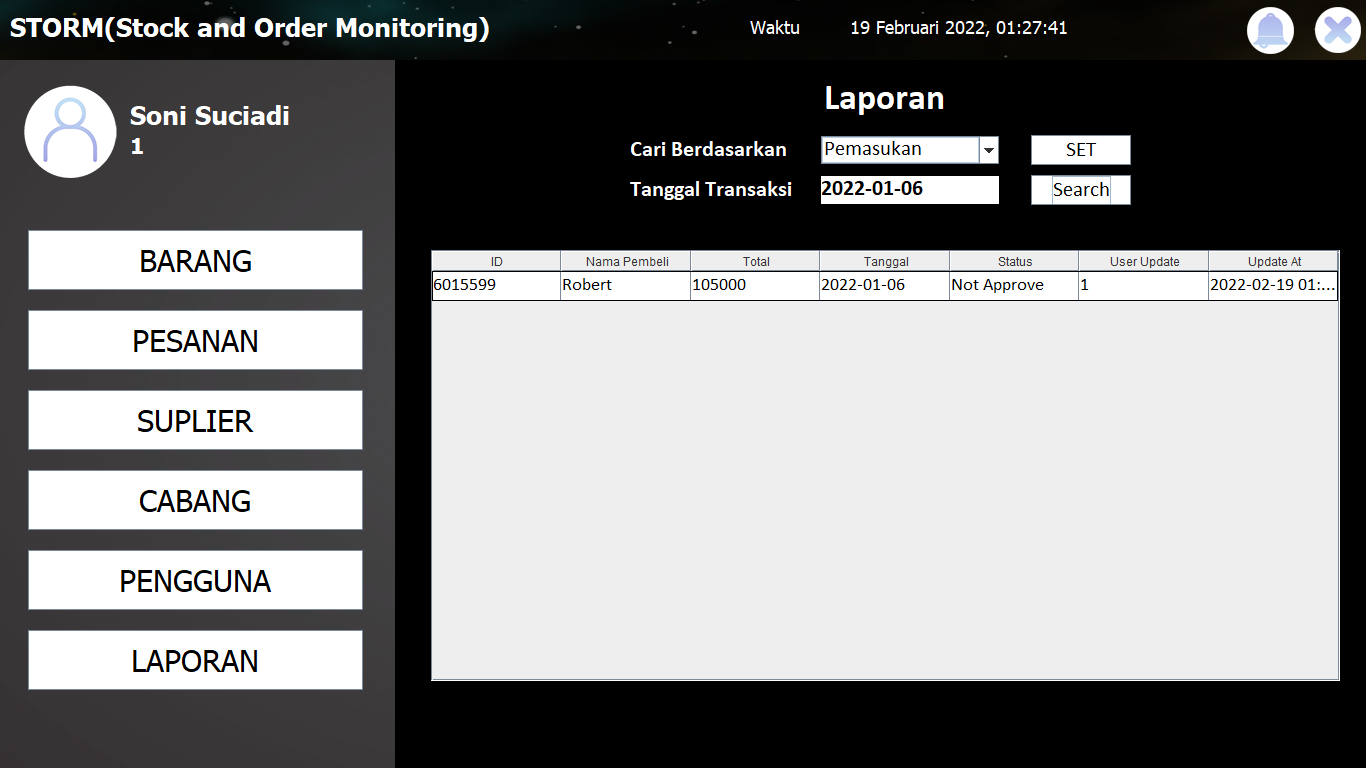


Jika pengguna ingin melakukan pengkininan data tenant pengguna dapat menekan baris pada kolom data tenant untuk menampilakan form data tenant yang ingin dikinikan



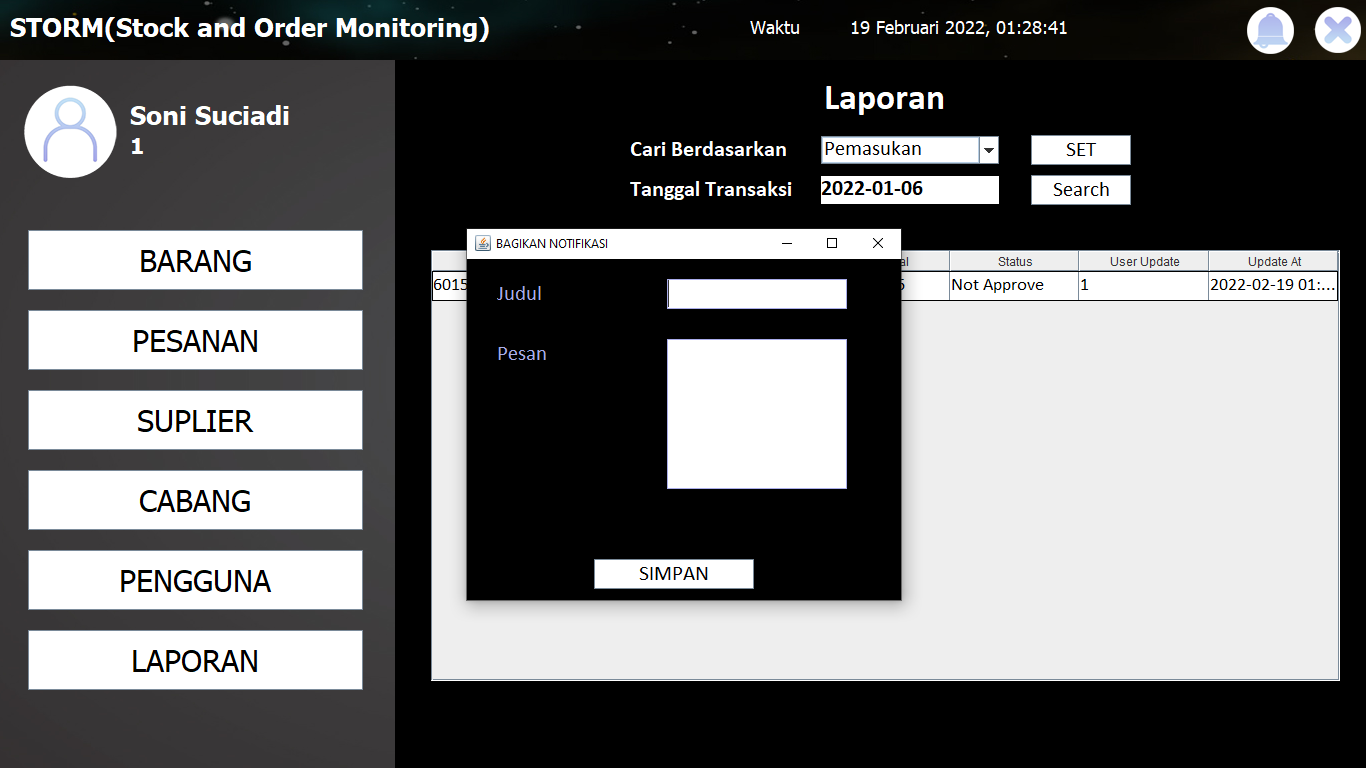
1. **Tampil laporan**

Tampil laporan dapat mempermudah bagian gudang dalam melakukan pencocokan perhitungan antara uang yang terdapat pada bagian gudang dengan total semua pesanan masuk pada hari tersebut



1. **Kirim notifikasi**

Fitur menu kirim notifikasi sangat mempermudah distributor dalam menyebarkan informasi terbaru mengenai barang maupun informasi lainnya



****

**UNIVERSITAS**

**MULTI DATA**

**PALEMBANG**

**MANUAL   
BOOK**

# **MANUAL BOOK SIMORP**

**SIMORP (Simple Order Purchase)**

****

# **FITUR & CARA KERJA APLIKASI SIMORP**

Berikut merupakan fitur-fitur yang terdapat pada aplikasi **SIMORP** berikut cara kerjanya :

* **Login**

Melalui fitur ini, aplikasi dapat lebih terjamin kemananya, dikarnakan pengguna harus melakukan login terlebih dahulu agar dapat melakukan proses fitur lainnya dengan memasukkan username dan password pada admin aplikasi sebelumnya

* **Order**

Melalui fitur ini, pengguna dapat melakukan pemesanan barang kepada distributor secara mandiri tanpa melalui perantara sales dan pesanan akan langsung masuk ke data gudang untuk disiapkan, sehingga proses pemesanan akan lebih cepat dan dapat menghindari kosong nya stok barang di tenant

* **History**

Melalui fitur ini pengguna dapat dipermudahkan dalam melihat riwayat pemesanan barang kepada distributor dan hal ini dapat mengurangi risiko hilangnya invoice atau faktur pembelian tenant

* **Notifikasi**

Melalui fitur ini tenant dapat dipermudah untuk mengakses informasi yang di sediakan oleh distributor tanpa harus menunggu kedatangan sales untuk memberikan informasi

* **Sales**

Melalui fitur ini pengguna dapat menginputkan pesanan secara mandiri dan nanti hasil atau keuntungan yang di dapat pada transaksi ini akan tampil pada menu income

* **Income**

Melalui fitur ini pengguna akan dipermudah untuk melihat keuntungan pada tanggal tertentu sehingga dapat mengurangi kemungkinan terjadinya kesalahan perhitungan keuntungan

* **Profile**

Pada fitur ini pengguna dipermudah untuk mengatur data pribadinya seperti alamat nomor hp, serta mengganti password secara mandiri

# **LANGKAH PENGGUNAAN APLIKASI SIMORP**

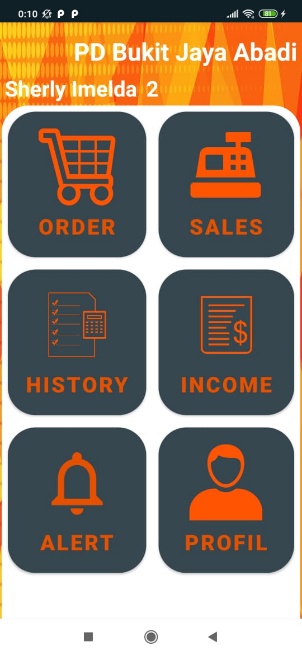
Berikut merupakan langkah-langkah penggunaan tiap fitur-fitur yang terdapat pada aplikasi **SIMORP** berikut cara kerjanya :

1. **Login**

Halaman ini memastikan apakah pengguna memiliki hak akses untuk masuk dan mengakses aplikasi, didalam. Halaman login ini terdapat inputan yang harus di masukan oleh pengguna untuk mengakses aplikasi, jika pengguna berhasil masuk maka akan keluar dialog berhasil login sebagai informasi bahwa username dan password yang di masukan oleh pengguna sudah tepat, selain menyediakan. Inputan halaman login juga menyediakan tombol reset yang dapat digunakan untuk menghapus inputan yang salah di masukan sekaligus, tidak menghapusnya satu per satu

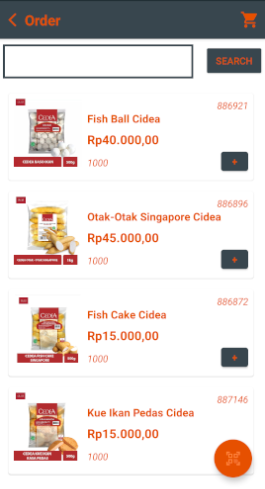


1. **Menu Utama**

Halaman menu utama, menampilkan menu-menu yang dapat di akses oleh pengguna sistem, pada aplikasi SIMORP ini pengguna di sajikan 6 (enam) menu yang dapat di gunakan untuk mengontrol kegiatan oprasional *tenant*. Menu utama tersebut yaitu order yang digunakan untuk melakukan pemesanan barang ke distributor secara langsung, menu sales yang digunakan untuk melakukan penjualan di *tenant* dengan total keuntungan yang nantinya akan langsung di kalkulasi oleh sistem, menu history adalah menu yang memberikan informasi kepada pengguna mengenai barang apa saja yang telah di pesan oleh tenan kepada distributor, menu income merupakan menu yang menyajikan informasi kepada *tenant* mengenai pemasukan distributor pada hari tertentu.

1. **Order**

Halaman order pada aplikasi SIMORP ini digunakan *tenant* untuk melakukan pemesanan barang kepada distributor, pada tampilan ini juga terdapat sisa persediaan distributor sehingga *tenant* dapat memperhitungkan jumlah repersediaan barang yang dapat disangupi oleh distributor, selain itu pada halaman order ini juga terdapat inputan text yang digunakan untuk melakukan pencarian barang oleh *tenant* sehingga *tenant* tidak kesulitan dalam mencari barang yang akan dipesan, selain dapat menggunakan inputan text. Pencarian barang yang akan dipesan juga dapat menggunakan scan barcode yang telah tersedia di buku menu *tenant*, dan di kanan atas halaman terdapat tombol keranjang yang dapat digunakan untuk melihat isi keranjang yang telah pengguna pilih dan nantinya pengguna akan melakukan penyesuaian pesanan dan melakukan pemesanaan

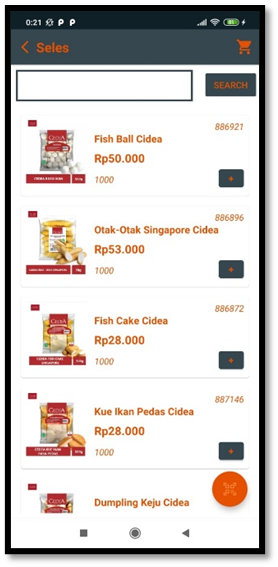


Setelah tenant memilih barang yang ingn di pesan ke disributor maka tenan dapat langsung menuju ke halaman cart. Halaman cart dapat di akses melalui tombol keranjang di pojok kanan atas menampilkan barang apasaja yang telah pengguna masukan kedalam keranjang untuk selanjutnya di atur kuantiti barang yang akan dipesan maupun dijual kepada konsumen. Pada halaman ini pengguna di permudah untuk mengatur jumlah barang yang akan dipesan menggunakan tombol tambah dan tombol kurang selain itu pengguna juga dapat langsung menghapus barang yang tidak di ingin kan untuk dipesan dengan menekan tombol hapus pada bagian kiri tombol kurang, selain itu. Halaman ini juga memberikan informasi berupa jumlah bayar pesanan sehingga pengguna dapat memperkirakan berapa uang yang harus di keluarkan untuk melakukan order maupun berapa uang yang harus di bayar oleh pembeli yang akan melakukan pembelian



1. **Sales**

Halaman sales menampilkan data barang yang tersedia di tenant, halaman ini digunakan untuk melakukan penjualan kepada pembeli akhir dalam hal ini adalah customer. Pada halaman sales ini terdapat jumlah persediaan barang yang tersedia di tenant untuk mempermudah monitoring persediaan barang tenant. selain itu pada halaman sales ini juga terdapat inputan text yang digunakan untuk melakukan pencarian barang oleh tenant sehingga tenant tidak kesulitan dalam mencari barang yang akan dipesan, selain dapat menggunakan inputan text. Pencarian barang yang akan dipesan juga dapat menggunakan scan barcode yang telah tersedia di buku menu tenant, dan di kanan atas halaman terdapat tombol keranjang yang dapat digunakan untuk melihat isi keranjang yang telah pengguna.

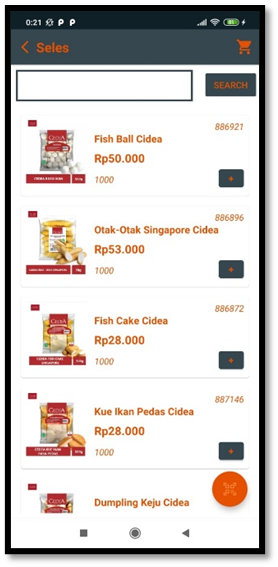


Setelah tenant memilih barang yang ingn di pesan ke disributor maka tenan dapat langsung menuju ke halaman cart. Halaman cart dapat di akses melalui tombol keranjang di pojok kanan atas menampilkan barang apasaja yang telah pengguna masukan kedalam keranjang untuk selanjutnya di atur kuantiti barang yang akan dipesan maupun dijual kepada konsumen. Pada halaman ini pengguna di permudah untuk mengatur jumlah barang yang akan dipesan menggunakan tombol tambah dan tombol kurang selain itu pengguna juga dapat langsung menghapus barang yang tidak di ingin kan untuk dipesan dengan menekan tombol hapus pada bagian kiri tombol kurang, selain itu. Halaman ini juga memberikan informasi berupa jumlah bayar pesanan sehingga pengguna dapat memperkirakan berapa uang yang harus di keluarkan untuk melakukan order maupun berapa uang yang harus di bayar oleh pembeli yang akan melakukan pembelian



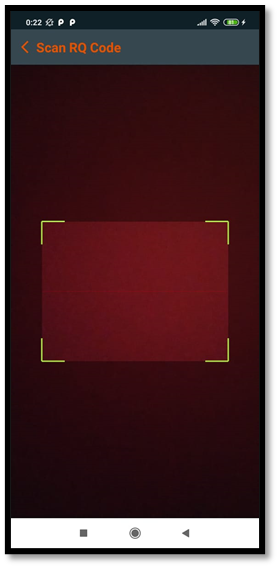
1. **Cari barang**

Untuk memberikankemudahan bagi para tenant, disediakan lah field pencaraian barang berdasarkan nama sehingga pengguna hanya tinggal memasukan nama barang untuk mencari data barang tersebut



1. **Scan barang**

Halaman scan barcode, memberikan kemudahan bagi *tenant* untuk memilih barang yang di pesan maupun di jual dengan cara melakukan scan QR code pada buku daftar barang yang tersedia. Dengan adanya menu ini diharapkan *tenant* dapat dipermudah dalam melakukan pencarian barang, baik barang yang akan di pesan maupun barang yang akan di jual kepada konsumen akhir, dan dapat mengurangi kesalahan dalam hal pemberian barang pesanan dan pemberian harga kepada konsumen



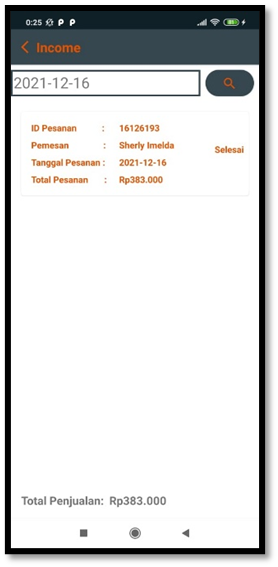
1. **History**

Halaman history menampilkan riwayat order yang telah dilakukan oleh *tenant* kepada distributor. Dihalaman ini pengguna dipermudah untuk mencari tanggal pesanan barang dengan menekan tombol dengan logo cari, namun sebelumnya pengguna harus melakukan memilih tanggal pesanaan yang dicari dengan cara menekan text input yang nantinya akan keluar berupa pop up jendela tanggal yang dapat dipilih oleh pengguna, dan. Ketika pengguna menekan salah satu nomor order akan muncul sebuah jendela pop up yang menjunjukan list barang yang ada pada nomor order tersebut



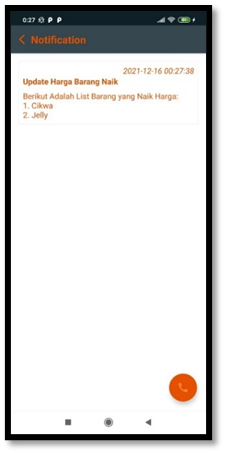
1. **Income**

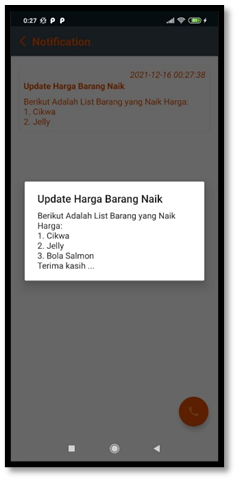
Halaman income menampilkan data penjualan yang dilakukan oleh *tenant* pada tanggal yang dipilih. Halaman ini juga mempermudah pengguna untuk melihat penjualan yang terjadi pada tanggal yang dipilih dengan cara melakukan pemilihan tanggan dengan menekan input tanggal dan memilih tanggal pada halaman pop up tanggal nantinya, di halaman ini juga terdapat informasi julah total penjualan sehingga pengguna dalam hal ini adalah petugas *tenant* dapat melakukan pencocokan nominal uang yang diterima antara uang fisik dan uang yang tertera pada aplikasi, dan. Ketika pengguna menekan salah satu nomor order akan muncul sebuah jendela pop up yang menjunjukan list barang yang ada pada nomor order tersebut



1. **Notifikasi**

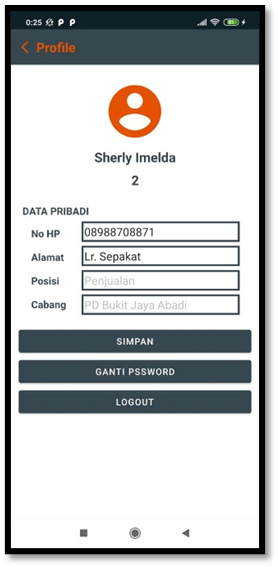
Halaman notifikasi memberikan informasi kepada tenant tentang info terbaru yang diberikan oleh distributor melalui aplikasinya





1. **Profil**

Halaman akun memperlihatkan informasi mengenai user mulai dari nama, username, dan data pribadi meliputi nomor hp, alamat, posisi, serta cabang, untuk informasi nomor hp dan alamat pengguna dapat melakukan perubahan data secara mandiri melalui aplikasi, namun setiap kali melakukan perubahan pengguna harus memasukan password sebagai sarana verifikasi perubahan data, selain melakukan perubahan data secara mandiri pegguna juga dapat melakukan penggantian password melalui aplikasi dengan menekan tombol ganti password, selanjutnya akan muncul dialog pop up yang harus di isi oleh pengguna jika akan ingin mengganti password



****

**UNIVERSITAS**

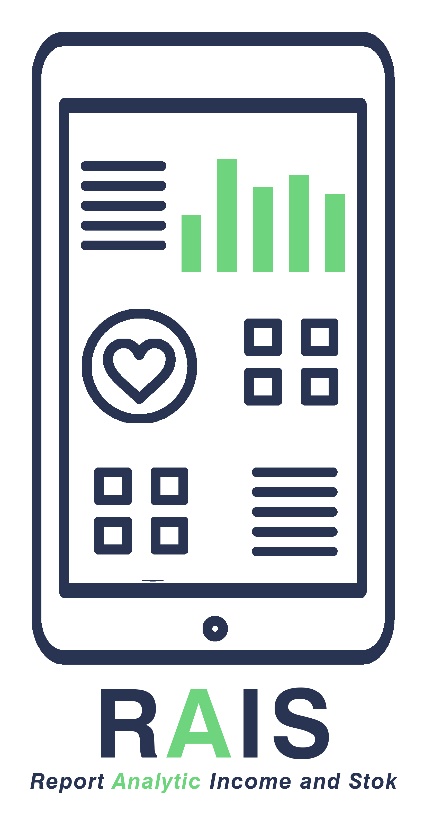
**MULTI DATA**

**PALEMBANG**

**MANUAL   
BOOK**

# **MANUAL BOOK RAIS**

**RAIS (Report Analytic Income and Stok)**

****

# **FITUR & CARA KERJA APLIKASI RAIS**

Berikut merupakan fitur-fitur yang terdapat pada aplikasi **RAIS** berikut dengan cara kerjanya :

1. **Login**

Melalui fitur ini, aplikasi dapat lebih terjamin kemananya, dikarnakan pengguna harus melakukan login terlebih dahulu agar dapat melakukan proses fitur lainnya dengan memasukkan username dan password pada admin aplikasi sebelumnya

1. **Monitoring Stok**

Melalui fitur ini pengguna dapat dipermudah dalam melakukan pemantauan stok pada tiap tenant distributor, sehingga ketika terdapat barang yang kosong pemilik distributor dapat langsung men follow up tenant untuk melakukan pemesanan barang tersebut sehingga stok barang di tenant tidak akan pernah kosong dan pemasukan distributor dapat maksimal

1. **Monitoring Income**

Melalui fitur ini pengguna dapat dipermudah dalam melakukan pemantauan aktifitas penjualan tiap tenant, dengan. Melihat data penjuala secara real-time, sehingga pemilik distributor dapat mepererat relationship dengan para tenant ketika tenant tersebut memiliki angka penjualan yang sedikit

1. **Analytic Stok**

Melalui fitur ini pengguna dapat dipermudah dalam melihat perhitungan barang keluar berdasarkan nama barang dalam bentuk grafik, dan di sajika kepada pengguna perhitungan perkiraan barang keluar bulan depan serta jumlah barang yang kurang untuk menuhi kebutuhan bulan depan sesuai prediksi yang di berikan

1. **Analytic Income**

Melalui fitur ini pengguna dapat dipermudah dalam melihat jumlah pemasukan atau income pada tiap tenant dalam suatu masa waktu yaitu harian, mingguan,bulanan, dan tahunan. Data disajikan dalam bentuk grafik dan list yang di urutkan dari tenant dengan pemasukan terbesar sampai keterendah

# **LANGKAH PENGGUNAAN APLIKASI RAIS**

Berikut merupakan langkah-langkah penggunaan tiap fitur-fitur yang terdapat pada aplikasi **RAIS** berikut cara kerjanya :

1. Login

Halaman login merupakan halaman ini memastikan apakah pengguna memiliki hak akses untuk masuk dan mengakses aplikasi. Hak akses terebut di atur dalam data base dengan field jabatan. Sehingga username dengan jabatan yang bukan merpakan pemilik distributor tidak dapat masuk kedalam aplikasi, dan tidak dapat melihat maupun mengakses konten didalam aplikasi Rais ini.



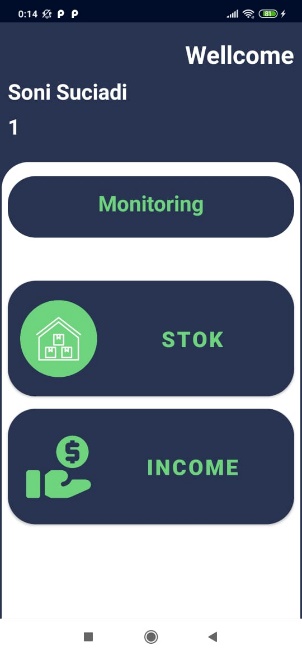
1. **Menu Utama**

Halaman menu utama ini berisi informasi mengenai user yang login dan menu menu apa saja yang dapat di akses oleh user. Pada halaman ini terdapat 3 (tiga) menu utama yaitu monitoring, analytic dan account, menu monitoring berfungsi untuk melakukan pemantauan baik itu permantauan persediaan pada tiap tenant maupun pemantauan income atau keuntungan dari tiap tenant. Menu analytic berfungsi untuk melakukan perhitungan dan penyajian data dalam bentuk grafik guna membantu manajer mengambil keputusan terkait dengan jumlah barng terlarin, dan tenant yang memberikan kontribusi paling besar untuk keuntungan distributor, dan. Menu account berfungsi untuk mengatur profil pengguna aplikasi dalam hal ini adalah pemilik distributor.



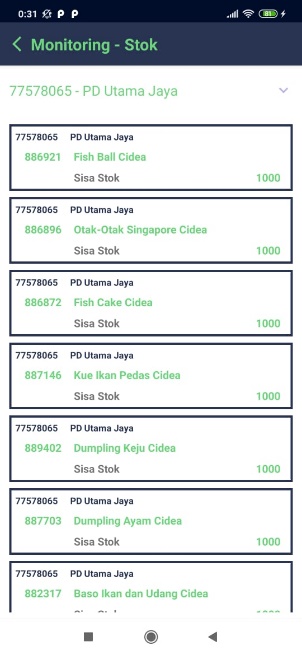
1. **Sub Menu**

Halaman submenu adalah halaman yang tampil ketika pengguna mengakses salah satu menu utama pada halaman utama, halaman ini berisi kategori pencarian berdasarkan kriteria, terdapat dua. Kriteria yang dapat digunakan oleh pengguna aplikasi yaitu monitoring persediaan berfungsi untuk melakuka pemantauan persediaan di tiap tenant yang berkerja sama dengan distributor, dan. Monitoring income yang berfungsi utuk memantau pemasukan yang dihasilkan oleh tiap tenant secara realtime sehingga pemilik distributorlangsung dapat mengetahui berapa keuntungan yang di dapatnya pada hari tersebut, tanpa harus melakukan pelaporan oleh tenant kepada distributor serta melakukan perhitungan manual terlebih dahulu



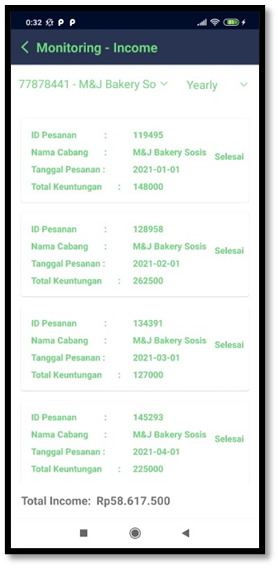
1. **Monitoring Stok**

Halaman monitoring persediaan, memberikan informasi kepada pengguna mengenai persediaan di tiap tenant, dan tersedia sebuah tempat pencarian berbentuk combobox untuk memudahkan pencarian user. Sehingga pengguna dalam hal ini adalah pemilik aplikasi dapat memantau persediaan barang ditenant secara realtime, dan ketika barang di tenant tersebut habis maka pemilik distributor dapat mengkonfirmasi kepada tenant apakah ingin melakukan pemesanan barang, hal tersebut dapat membantu tenant untuk menjaga ketersediaan barang dan dapat memaksimalkan penjualan distributor tersebut.



1. **Monitoring Income**

Halaman monitoring income berfungsi untuk menampilkan informasi mengenai pemasukan tiap tenant dalam jangka waktu tertentu, sesuai dengan pilihan user, selain menampilkan pemasukan tiap tenant. Pemilik juga dapat mengakses data penjualan ditiap tenant dengan cara mengklik nomor orderan, serta pemilik distributor juga dapat mengetahui total income yang telah di dapat oleh tenant dengan adanya informasi di bawah layar. Periode yang dapat di akses oleh pemilik distributor yaitu harian, mingguan, bulanan dan tahunan sesuai dengan kebutuhan pengguna dalam hal ini adalah pemilik distributor tersebut



1. **Analytic Stok**

Halaman analytic stok memberikan informasi mengenai jumlah persediaan keluar ditiap bulan dalam 3 tahun terakir dan di sajikan dalam bentuk diagram garis untuk mempermudah pengguna melihat berbedaan di setiap bulan, selain itu pada menu ini juga terdapat rekomendasi jumlah persediaan yang harus tersedia pada bulan berikutnya. Sehingga pengguna dalam hal ini adalah pemilik distributor dapat melakukan pesanan kepaa suplier jauh-jauh hari untuk menghindari keterlambatan persediaan masuk ke distributor, selain itu. Untuk mempermudah pengguna dalam mencari nama barang tersedia bantuan berupa combobox untuk mencari barang yang ingin di lihat prospek bulan depannya



1. **Analytic Income**

Halaman analytic income menampilkan informasi keuntungan distributor pada periode tertentu, dan di sajikan dalam bentuk diagram batang serta di perlihatkan tenant mana yang paling banyak berkontribusi atas keuntungan distributor, sehingga distributor dapat memberikan reward kepada tenant yang berhasil mencapai target atau ranking tertentu dalam penjualan. Hal ini dapat diharapkan menjadi motivasi bagi tenant-tenant lain untuk terus selalu bersemangat dalam mengejar target. Periode yang disediakan dalam data income ini adalah harian, mingguan, bulanan, tahunan, dan awal tahun, selain itu. Disediakan list tenant yang di urutkan dari pendapatan terbesar hingga terkecil untuk mempermudah pemberian reward kepada tenant oleh distributor



1. **Profil**

Halaman profil memperlihatkan informasi mengenai user mulai dari nama, username, dan data pribadi meliputi nomor hp, alamat, posisi, serta cabang, untuk informasi nomor hp dan alamat pengguna dapat melakukan perubahan data secara mandiri melalui aplikasi, namun setiap kali melakukan perubahan pengguna harus memasukan password sebagai sarana verifikasi perubahan data, selain melakukan perubahan data secara mandiri pegguna juga dapat melakukan penggantian password melalui aplikasi dengan menekan tombol ganti password, selanjutnya akan muncul dialog pop up yang harus di isi oleh pengguna jika akan ingin mengganti password



****

**UNIVERSITAS**

**MULTI DATA**

**PALEMBANG**

**SOURCE**

**CODE**

# **SOURCE CODE STORM**

**STORM (Stok and Order Monitoring)**

****

1. Model.mySQLConnection

package Model;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import java.util.ArrayList;

import java.util.HashMap;

import javax.swing.JOptionPane;

/\*\*

\*

\* @author sonys

\*/

public class mySQLConnection {

protected Connection connection;

ResultSet resultSet;

Statement statement;

public mySQLConnection() {

try {

Class.forName("com.mysql.jdbc.Driver");

connection = (Connection) DriverManager.getConnection("jdbc:mysql://Localhost:3306/db\_skripsi", "root", "");

} catch (ClassNotFoundException | SQLException e) {

System.out.println(e);

}

}

}

1. Model.mBarang

package Model;

import java.io.FileInputStream;

import java.io.FileNotFoundException;

import java.io.InputStream;

import java.sql.Blob;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import java.sql.Timestamp;

import java.util.ArrayList;

import java.util.HashMap;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.swing.JOptionPane;

/\*\*

\*

\* @author sonys

\*/

public class mBarang extends mySQLConnection{

public ArrayList getBarang() throws SQLException{

ArrayList barang=new ArrayList();

statement= connection.createStatement();

resultSet=statement.executeQuery("SELECT barang.id,barang.nama,branch\_stock.jumlah,barang.harga\_beli,barang.harga\_jual, supliers.nama,barang.status,barang.image,users.nama,barang.update\_at,barang.qr\_code "

+ "FROM barang,supliers,users,branch\_stock "

+ "WHERE barang.id\_suplier=supliers.id AND barang.user\_update=users.id AND barang.id=branch\_stock.id\_barang AND branch\_stock.id\_branch=77123321;");

while (resultSet.next()) {

HashMap hm=new HashMap();

hm.put("id\_barang", resultSet.getInt(1));

hm.put("nama\_barang", resultSet.getString(2));

hm.put("stok", resultSet.getString(3));

hm.put("harga\_beli", resultSet.getString(4));

hm.put("harga\_jual", resultSet.getString(5));

hm.put("nama\_suplier", resultSet.getString(6));

hm.put("status", resultSet.getString(7));

hm.put("image", resultSet.getBytes(8));

hm.put("user\_update", resultSet.getString(9));

hm.put("update\_at", resultSet.getString(10));

hm.put("qr\_code", resultSet.getBytes(11));

barang.add(hm);

}

return barang;

}

public ArrayList getBarangbyName(String a) throws SQLException{

ArrayList barang=new ArrayList();

statement= connection.createStatement();

resultSet=statement.executeQuery("SELECT barang.id,barang.nama,branch\_stock.jumlah,barang.harga\_beli,barang.harga\_jual, supliers.nama,barang.status,barang.image,users.nama,barang.update\_at,barang.qr\_code "

+ "FROM barang,supliers,users,branch\_stock "

+ "WHERE barang.id\_suplier=supliers.id AND barang.user\_update=users.id AND barang.id=branch\_stock.id\_barang AND branch\_stock.id\_branch=77123321 AND barang.nama LIKE '%"+a+"%'");

while (resultSet.next()) {

HashMap hm=new HashMap();

hm.put("id\_barang", resultSet.getString(1));

hm.put("nama\_barang", resultSet.getString(2));

hm.put("stok", resultSet.getString(3));

hm.put("harga\_beli", resultSet.getString(4));

hm.put("harga\_jual", resultSet.getString(5));

hm.put("nama\_suplier", resultSet.getString(6));

hm.put("status", resultSet.getString(7));

hm.put("image", resultSet.getBytes(8));

hm.put("user\_update", resultSet.getString(9));

hm.put("update\_at", resultSet.getString(10));

hm.put("qr\_code", resultSet.getBytes(11));

barang.add(hm);

}

return barang;

}

public ArrayList getBarangbyID(Integer a) throws SQLException{

ArrayList barang=new ArrayList();

statement= connection.createStatement();

resultSet=statement.executeQuery("SELECT barang.id,barang.nama,branch\_stock.jumlah,barang.harga\_beli,barang.harga\_jual, supliers.nama,barang.status,barang.image,users.nama,barang.update\_at,barang.qr\_code "

+ "FROM barang,supliers,users,branch\_stock "

+ "WHERE barang.id\_suplier=supliers.id AND barang.user\_update=users.id AND barang.id=branch\_stock.id\_barang AND branch\_stock.id\_branch=77123321 AND barang.id="+a);

while (resultSet.next()) {

HashMap hm=new HashMap();

hm.put("id\_barang", resultSet.getString(1));

hm.put("nama\_barang", resultSet.getString(2));

hm.put("stok", resultSet.getString(3));

hm.put("harga\_beli", resultSet.getString(4));

hm.put("harga\_jual", resultSet.getString(5));

hm.put("nama\_suplier", resultSet.getString(6));

hm.put("status", resultSet.getString(7));

hm.put("image", resultSet.getBytes(8));

hm.put("user\_update", resultSet.getString(9));

hm.put("update\_at", resultSet.getString(10));

hm.put("qr\_code", resultSet.getBytes(11));

barang.add(hm);

}

return barang;

}

public void editBarang(){

}

public void insertBarang(HashMap barang){

PreparedStatement preparedStatement=null;

String query="INSERT INTO `barang` (`id`, `nama`, `harga\_beli`, `harga\_jual`, `image`, `status`, `id\_suplier`, `user\_update`,`qr\_code`) \n" +

"VALUES (?,?,?,?,?,?,?,?,?);";

try {

preparedStatement =this.connection.prepareStatement(query);

preparedStatement.setInt(1, (int) barang.get("id\_barang"));

preparedStatement.setString(2, barang.get("nama\_barang").toString());

preparedStatement.setInt(3, (int) barang.get("harga\_beli"));

preparedStatement.setInt(4, (int) barang.get("harga\_jual"));

preparedStatement.setBlob(5, (InputStream) barang.get("image"));

preparedStatement.setString(6, barang.get("status").toString());

preparedStatement.setInt(7, (int) barang.get("id\_suplier"));

preparedStatement.setInt(8, (int) barang.get("user\_update"));

preparedStatement.setBlob(9, (InputStream) barang.get("qr\_code"));

preparedStatement.execute();

JOptionPane.showMessageDialog( null, "Data Berhasil Disimpan");

} catch (Exception e) {

System.out.println(e);

JOptionPane.showMessageDialog( null, "Penyimpanan Gagal", "Error", JOptionPane.ERROR\_MESSAGE);

}

}

public void updatetBarang(HashMap barang){

PreparedStatement preparedStatement=null;

String query="UPDATE `barang` SET "

+ "`nama` = ?, "

+ "`harga\_beli` = ?, "

+ "`harga\_jual` = ?, "

+ "`image` = ?, "

+ "`status` = ?, "

+ "`user\_update` = ? ,"

+ "`id\_suplier`= ? "

+ "WHERE `barang`.`id` = ?;";

try {

preparedStatement =this.connection.prepareStatement(query);

preparedStatement.setInt(8, (int) barang.get("id\_barang"));

preparedStatement.setString(1, barang.get("nama\_barang").toString());

preparedStatement.setInt(2, (int) barang.get("harga\_beli"));

preparedStatement.setInt(3, (int) barang.get("harga\_jual"));

preparedStatement.setBlob(4, (InputStream) barang.get("image"));

preparedStatement.setString(5, barang.get("status").toString());

preparedStatement.setInt(7, (int) barang.get("id\_suplier"));

preparedStatement.setInt(6, (int) barang.get("user\_update"));

preparedStatement.execute();

JOptionPane.showMessageDialog( null, "Data Berhasil Diupdate");

} catch (Exception e) {

System.out.println(e);

JOptionPane.showMessageDialog( null, "Penyimpanan Gagal", "Error", JOptionPane.ERROR\_MESSAGE);

}

}

}

1. Model.mBranch

package Model;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import java.util.ArrayList;

import java.util.HashMap;

import javax.swing.JOptionPane;

/\*\*

\*

\* @author sonys

\*/

public class mBranch extends mySQLConnection{

public ArrayList getBranch() throws SQLException{

ArrayList Branch=new ArrayList();

statement= connection.createStatement();

resultSet=statement.executeQuery("SELECT \* FROM `branch`");

while (resultSet.next()) {

HashMap hm=new HashMap();

hm.put("id", resultSet.getString(1));

hm.put("nama\_cabang", resultSet.getString(2));

hm.put("alamat", resultSet.getString(3));

hm.put("telepon", resultSet.getString(4));

hm.put("branch\_head", resultSet.getString(5));

hm.put("user\_update", resultSet.getString(6));

hm.put("update\_at", resultSet.getString(7));

Branch.add(hm);

}

return Branch;

}

public ArrayList getBranchbyName(String a) throws SQLException{

ArrayList Branch=new ArrayList();

Statement statement= connection.createStatement();

ResultSet resultSet=statement.executeQuery("SELECT \* FROM `branch` WHERE nama\_cabang LIKE '%"+a+"%'");

while (resultSet.next()) {

HashMap hm=new HashMap();

hm.put("id", resultSet.getString(1));

hm.put("nama\_cabang", resultSet.getString(2));

hm.put("alamat", resultSet.getString(3));

hm.put("telepon", resultSet.getString(4));

hm.put("branch\_head", resultSet.getString(5));

hm.put("user\_update", resultSet.getString(6));

hm.put("update\_at", resultSet.getString(7));

Branch.add(hm);

}

return Branch;

}

public void insertBranch(HashMap branch){

PreparedStatement preparedStatement=null;

String query="INSERT INTO `branch` (`id`, `nama\_cabang`, `alamat`, `telepon`, `branch\_head`, `user\_update`) VALUES (?, ?, ?, ?, ?, ?);";

try {

preparedStatement =this.connection.prepareStatement(query);

preparedStatement.setInt(1, Integer.valueOf( branch.get("id").toString()));

preparedStatement.setString(2, branch.get("nama\_cabang").toString());

preparedStatement.setString(3, branch.get("alamat").toString());

preparedStatement.setString(4, branch.get("telepon").toString());

preparedStatement.setInt(5, Integer.valueOf(branch.get("branch\_head").toString()));

preparedStatement.setInt(6, Integer.valueOf(branch.get("user\_update").toString()));

preparedStatement.execute();

JOptionPane.showMessageDialog( null, "Data Berhasil Disimpan");

} catch (Exception e) {

System.out.println(e);

JOptionPane.showMessageDialog( null, "Penyimpanan Gagal", "Error", JOptionPane.ERROR\_MESSAGE);

}

}

public void updateSuplier(HashMap branch){

PreparedStatement preparedStatement=null;

String query="UPDATE `branch` SET "

+ "`nama\_cabang` = ?, "

+ "`alamat` = ?, "

+ "`telepon` = ?, "

+ "`branch\_head` = ?, "

+ "`user\_update` = ? "

+ "WHERE `branch`.`id` = ?;";

try {

preparedStatement =this.connection.prepareStatement(query);

preparedStatement.setInt(6, Integer.valueOf( branch.get("id").toString()));

preparedStatement.setString(1, branch.get("nama\_cabang").toString());

preparedStatement.setString(2, branch.get("alamat").toString());

preparedStatement.setString(3, branch.get("telepon").toString());

preparedStatement.setInt(4, Integer.valueOf(branch.get("branch\_head").toString()));

preparedStatement.setInt(5, Integer.valueOf(branch.get("user\_update").toString()));

preparedStatement.execute();

JOptionPane.showMessageDialog( null, "Data Berhasil Disimpan");

} catch (Exception e) {

System.out.println(e);

JOptionPane.showMessageDialog( null, "Penyimpanan Gagal", "Error", JOptionPane.ERROR\_MESSAGE);

}

}

}

1. Model.mBranchStok

package Model;

import java.sql.PreparedStatement;

import java.util.HashMap;

import javax.swing.JOptionPane;

/\*\*

\*

\* @author sonys

\*/

public class mBranchStok extends mySQLConnection{

public void declaration(String barang, String branch){

PreparedStatement preparedStatement=null;

String query="INSERT INTO `branch\_stock` ( `id\_branch`, `id\_barang`, `jumlah`) VALUES ( ?, ?, '0');";

try {

preparedStatement =this.connection.prepareStatement(query);

preparedStatement.setInt(1, Integer.valueOf(branch));

preparedStatement.setInt(2, Integer.valueOf(barang));

preparedStatement.execute();

} catch (Exception e) {

System.out.println(e);

}

}

public void tambahStok(String order, String barang, Integer jumlah){

PreparedStatement preparedStatement=null;

String query="UPDATE `branch\_stock` SET `jumlah` =`branch\_stock`.`jumlah`+? WHERE `branch\_stock`.`id\_branch` = (SELECT branch.id FROM branch, orders,users "

+ "WHERE orders.id\_pengguna=users.id AND users.workplaces=branch.id AND orders.id= ?)AND `branch\_stock`.`id\_barang`= ?;";

try {

preparedStatement =this.connection.prepareStatement(query);

preparedStatement.setString(2, order);

preparedStatement.setString(3, barang);

preparedStatement.setInt(1, jumlah);

preparedStatement.execute();

} catch (Exception e) {

System.out.println(e);

}

}

public void kurangStok( String barang, Integer jumlah){

PreparedStatement preparedStatement=null;

String query="UPDATE `branch\_stock` SET `jumlah` =`branch\_stock`.`jumlah`-? WHERE `branch\_stock`.`id\_branch` = 77123321 AND `branch\_stock`.`id\_barang`= ?;";

try {

preparedStatement =this.connection.prepareStatement(query);

preparedStatement.setString(2, barang);

preparedStatement.setInt(1, jumlah);

preparedStatement.execute();

} catch (Exception e) {

System.out.println(e);

}

}

public void updateStok(String cabang, String barang, Integer jumlah){

PreparedStatement preparedStatement=null;

String query="UPDATE `branch\_stock` SET `jumlah` = ?"

+ " WHERE `branch\_stock`.`id\_branch` = ? AND `branch\_stock`.`id\_barang`= ? ;";

try {

preparedStatement =this.connection.prepareStatement(query);

preparedStatement.setString(2, cabang);

preparedStatement.setString(3, barang);

preparedStatement.setInt(1, jumlah);

preparedStatement.execute();

} catch (Exception e) {

System.out.println(e);

}

}

}

1. Model.mDetailOrder

package Model;

import java.sql.SQLException;

import java.util.ArrayList;

import java.util.HashMap;

/\*\*

\*

\* @author sonys

\*/

public class mDetailOrder extends mySQLConnection{

public ArrayList getDetailOrder(String a) throws SQLException{

ArrayList detailOrder=new ArrayList();

statement= connection.createStatement();

resultSet=statement.executeQuery("SELECT order\_details.id\_order,barang.nama,barang.harga\_jual,order\_details.jumlah,\n" +

"order\_details.jumlah \* barang.harga\_jual AS subtotal, barang.id \n" +

"FROM order\_details,barang WHERE order\_details.id\_barang=barang.id AND order\_details.id\_order=\""+a+"\";");

while (resultSet.next()) {

HashMap hm=new HashMap();

hm.put("id\_order", resultSet.getString(1));

hm.put("nama\_barang", resultSet.getString(2));

hm.put("harga\_jual", resultSet.getString(3));

hm.put("jumlah", resultSet.getString(4));

hm.put("subtotal", resultSet.getString(5));

hm.put("idbarang", resultSet.getString(6));

detailOrder.add(hm);

}

return detailOrder;

}

}

1. Model.mNotification

package Model;

import java.sql.PreparedStatement;

import java.util.HashMap;

import javax.swing.JOptionPane;

/\*\*

\*

\* @author sonys

\*/

public class mNotification extends mySQLConnection{

public void insertNotification(HashMap pesan){

PreparedStatement preparedStatement=null;

String query="INSERT INTO `notification` (`judul`, `pesan`) VALUES ( ?, ?);";

try {

preparedStatement =this.connection.prepareStatement(query);

preparedStatement.setString(1,pesan.get("judul").toString());

preparedStatement.setString(2,pesan.get("deskripsi").toString());

preparedStatement.execute();

JOptionPane.showMessageDialog( null, "Berhasil Dibagikan");

} catch (Exception e) {

System.out.println(e);

JOptionPane.showMessageDialog( null, "Gagal Membagikan", "Error", JOptionPane.ERROR\_MESSAGE);

}

}

}

1. Model.mOrder

package Model;

import java.sql.PreparedStatement;

import java.sql.SQLException;

import java.util.ArrayList;

import java.util.HashMap;

import javax.swing.JOptionPane;

/\*\*

\*

\* @author sonys

\*/

public class mOrder extends mySQLConnection{

public ArrayList getOrder(String a) throws SQLException{

ArrayList orders=new ArrayList();

statement= connection.createStatement();

resultSet=statement.executeQuery("SELECT orders.id,users.nama,orders.total, orders.tanggal\_pesanan, orders.status,"

+ "orders.user\_approve,orders.update\_at "

+ "FROM users,orders WHERE orders.id\_pengguna=users.id AND orders.tanggal\_pesanan='"+a+"';");

while (resultSet.next()) {

HashMap hm=new HashMap();

hm.put("id\_order", resultSet.getString(1));

hm.put("nama\_pembeli", resultSet.getString(2));

hm.put("total", resultSet.getString(3));

hm.put("tanggal\_pesanan", resultSet.getString(4));

hm.put("status", resultSet.getString(5));

hm.put("user\_approve", resultSet.getString(6));

hm.put("update\_at", resultSet.getString(7));

orders.add(hm);

}

return orders;

}

public boolean approveOrder(Integer userID, Integer idInvoice){

PreparedStatement preparedStatement=null;

String query="UPDATE `orders` SET `status` = 'Approve', `user\_approve` = ? WHERE `orders`.`id` = ?;";

try {

preparedStatement =this.connection.prepareStatement(query);

preparedStatement.setInt(1, userID);

preparedStatement.setInt(2,idInvoice);

preparedStatement.execute();

JOptionPane.showMessageDialog( null, "Data Berhasil Diterima");

return true;

} catch (SQLException ex) {

Logger.getLogger(mOrder.class.getName()).log(Level.SEVERE, null, ex);

JOptionPane.showMessageDialog( null, "Gagal Menerima", "Error", JOptionPane.ERROR\_MESSAGE);

return false;

}}}}

1. Model.mPengguna

package Model;

import java.io.InputStream;

import java.sql.PreparedStatement;

import java.sql.SQLException;

import java.util.ArrayList;

import java.util.HashMap;

import javax.swing.JOptionPane;

/\*\*

\*

\* @author sonys

\*/

public class mPengguna extends mySQLConnection{

public ArrayList getPengguna() throws SQLException{

ArrayList pengguna=new ArrayList();

statement= connection.createStatement();

resultSet=statement.executeQuery("SELECT users.id,users.nama,users.alamat,users.ponsel,branch.nama\_cabang,users.jabatan,users.password,users.user\_update,users.update\_at FROM users,branch WHERE users.workplaces=branch.id;");

while (resultSet.next()) {

HashMap hm=new HashMap();

hm.put("id\_user", resultSet.getString(1));

hm.put("nama\_user", resultSet.getString(2));

hm.put("alamat", resultSet.getString(3));

hm.put("ponsel", resultSet.getString(4));

hm.put("branch", resultSet.getString(5));

hm.put("jabatan", resultSet.getString(6));

hm.put("password", resultSet.getString(7));

hm.put("user\_update", resultSet.getString(8));

hm.put("update\_at", resultSet.getString(9));

pengguna.add(hm);

}

return pengguna;

}

public ArrayList getPenggunabyName(String a) throws SQLException{

ArrayList pengguna=new ArrayList();

statement= connection.createStatement();

resultSet=statement.executeQuery("SELECT users.id,users.nama,users.alamat,users.ponsel,branch.nama\_cabang,users.jabatan,users.password,users.user\_update,users.update\_at FROM users,branch WHERE users.workplaces=branch.id AND users.nama LIKE '%"+a+"%'");

while (resultSet.next()) {

HashMap hm=new HashMap();

hm.put("id\_user", resultSet.getString(1));

hm.put("nama\_user", resultSet.getString(2));

hm.put("alamat", resultSet.getString(3));

hm.put("ponsel", resultSet.getString(4));

hm.put("branch", resultSet.getString(5));

hm.put("jabatan", resultSet.getString(6));

hm.put("password", resultSet.getString(7));

hm.put("user\_update", resultSet.getString(8));

hm.put("update\_at", resultSet.getString(9));

pengguna.add(hm);

}

return pengguna;

}

public void insertPengguna(HashMap pengguna){

PreparedStatement preparedStatement=null;

String query="INSERT INTO `users` (`id`, `nama`, `alamat`, `ponsel`, `workplaces`,`jabatan`, `password`, `user\_update`) VALUES (?,?, ?, ?, ?, ?, ?, ?);;";

try {

preparedStatement =this.connection.prepareStatement(query);

preparedStatement.setInt(1, Integer.valueOf(pengguna.get("id\_user").toString()));

preparedStatement.setString(2, pengguna.get("nama\_user").toString());

preparedStatement.setString(3, pengguna.get("alamat").toString());

preparedStatement.setString(4, pengguna.get("ponsel").toString());

preparedStatement.setString(5, pengguna.get("workplaces").toString());

preparedStatement.setString(6, pengguna.get("jabatan").toString());

preparedStatement.setString(7, pengguna.get("password").toString());

preparedStatement.setInt(8, Integer.valueOf(pengguna.get("user\_update").toString()));

preparedStatement.execute();

JOptionPane.showMessageDialog( null, "Data Berhasil Disimpan");

} catch (Exception e) {

System.out.println(e);

JOptionPane.showMessageDialog( null, "Penyimpanan Gagal", "Error", JOptionPane.ERROR\_MESSAGE);

}

}

public void updatePengguna(HashMap pengguna){

PreparedStatement preparedStatement=null;

String query="UPDATE `users` SET "

+ "`nama` = ?, "

+ "`alamat` = ?, "

+ "`workplaces` = ?, "

+ "`ponsel` = ?, "

+ "`jabatan` = ?, "

+ "`password` = ?, "

+ "`user\_update` = ? "

+ "WHERE `users`.`id` = ?;";

try {

preparedStatement =this.connection.prepareStatement(query);

preparedStatement.setString(1, pengguna.get("nama\_user").toString());

preparedStatement.setString(2, pengguna.get("alamat").toString());

preparedStatement.setInt(3, Integer.valueOf(pengguna.get("workplaces").toString()));

preparedStatement.setString(4, pengguna.get("ponsel").toString());

preparedStatement.setString(5, pengguna.get("jabatan").toString());

preparedStatement.setString(6, pengguna.get("password").toString());

preparedStatement.setInt(7, Integer.valueOf(pengguna.get("user\_update").toString()));

preparedStatement.setInt(8, Integer.valueOf(pengguna.get("id\_user").toString()));

preparedStatement.execute();

JOptionPane.showMessageDialog( null, "Data Berhasil Disimpan");

} catch (Exception e) {

System.out.println(e);

JOptionPane.showMessageDialog( null, "Penyimpanan Gagal", "Error", JOptionPane.ERROR\_MESSAGE);

}

}

}

1. Model.mPenjualan

package Model;

import java.sql.PreparedStatement;

import java.sql.SQLException;

import java.util.ArrayList;

import java.util.HashMap;

import javax.swing.JOptionPane;

/\*\*

\*

\* @author sonys

\*/

public class mPenjualan extends mySQLConnection{

public void addpenjualan(HashMap a){

PreparedStatement preparedStatement=null;

String query="INSERT INTO `seles` (`id`, `id\_pengguna`, `tanggal\_seles`, `jumlah`, `keuntungan`) VALUES (?, ?,?, ?, ?)";

try {

preparedStatement =this.connection.prepareStatement(query);

preparedStatement.setInt(1, Integer.valueOf(a.get("id").toString()));

preparedStatement.setInt(2, Integer.valueOf(a.get("id\_pengguna").toString()));

preparedStatement.setString(3, a.get("tanggal\_seles").toString());

preparedStatement.setInt(4, Integer.valueOf(a.get("jumlah").toString()));

preparedStatement.setInt(5, Integer.valueOf(a.get("keuntungan").toString()));

preparedStatement.execute();

} catch (Exception e) {

// JOptionPane.showMessageDialog( null, "Penyimpanan Gagal", "Error", JOptionPane.ERROR\_MESSAGE);

}

}

public void adddpenjualan(ArrayList a) throws SQLException{

for (int i = 0; i < a.size(); i++) {

HashMap hm=(HashMap) a.get(i);

PreparedStatement preparedStatement=null;

String query="INSERT INTO `seles\_detail` (`id`, `id\_seles`, `id\_barang`, `harga`, `jumlah`) VALUES (NULL, ?, ?, ?,?);";

preparedStatement =this.connection.prepareStatement(query);

preparedStatement.setInt(1, Integer.valueOf(hm.get("id\_seles").toString()));

preparedStatement.setInt(2, Integer.valueOf(hm.get("id\_barang").toString()));

preparedStatement.setInt(3, Integer.valueOf(hm.get("harga").toString()));

preparedStatement.setInt(4, Integer.valueOf(hm.get("jumlah").toString()));

preparedStatement.execute();

}

}

}

1. Model.mSuplier

package Model;

import java.io.InputStream;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import java.util.ArrayList;

import java.util.HashMap;

import javax.swing.JOptionPane;

/\*\*

\*

\* @author sonys

\*/

public class mSuplier extends mySQLConnection{

public ArrayList getSuplier() throws SQLException{

ArrayList suplier=new ArrayList();

Statement statement= connection.createStatement();

ResultSet resultSet=statement.executeQuery("SELECT supliers.id,supliers.nama,supliers.alamat,supliers.ponsel,users.nama,supliers.update\_at "

+ "FROM users,supliers WHERE users.id=supliers.user\_update");

while (resultSet.next()) {

HashMap hm=new HashMap();

hm.put("id\_suplier", resultSet.getString(1));

hm.put("nama\_suplier", resultSet.getString(2));

hm.put("alamat", resultSet.getString(3));

hm.put("ponsel", resultSet.getString(4));

hm.put("user\_update", resultSet.getString(5));

hm.put("update\_at", resultSet.getString(6));

suplier.add(hm);

}

return suplier;

}

public ArrayList getSuplierbyName(String a) throws SQLException{

ArrayList suplier=new ArrayList();

Statement statement= connection.createStatement();

ResultSet resultSet=statement.executeQuery("SELECT supliers.id,supliers.nama,supliers.alamat,supliers.ponsel,users.nama,supliers.update\_at "

+ "FROM users,supliers WHERE users.id=supliers.user\_update AND supliers.nama LIKE '%"+a+"%'");

while (resultSet.next()) {

HashMap hm=new HashMap();

hm.put("id\_suplier", resultSet.getString(1));

hm.put("nama\_suplier", resultSet.getString(2));

hm.put("alamat", resultSet.getString(3));

hm.put("ponsel", resultSet.getString(4));

hm.put("user\_update", resultSet.getString(5));

hm.put("update\_at", resultSet.getString(6));

suplier.add(hm);

}

return suplier;

}

public void insertSuplier(HashMap suplier){

PreparedStatement preparedStatement=null;

String query="INSERT INTO `supliers` (`id`, `nama`, `alamat`, `ponsel`, `user\_update`) VALUES (?, ?, ?, ?, ?);";

try {

preparedStatement =this.connection.prepareStatement(query);

preparedStatement.setInt(1, Integer.valueOf( suplier.get("id\_suplier").toString()));

preparedStatement.setString(2, suplier.get("nama\_suplier").toString());

preparedStatement.setString(3, suplier.get("alamat").toString());

preparedStatement.setString(4, suplier.get("ponsel").toString());

preparedStatement.setInt(5, Integer.valueOf(suplier.get("user\_update").toString()));

preparedStatement.execute();

JOptionPane.showMessageDialog( null, "Data Berhasil Disimpan");

} catch (Exception e) {

System.out.println(e);

JOptionPane.showMessageDialog( null, "Penyimpanan Gagal", "Error", JOptionPane.ERROR\_MESSAGE);

}

}

public void updateSuplier(HashMap suplier){

PreparedStatement preparedStatement=null;

String query="UPDATE `supliers` SET "

+ "`nama` = ?, "

+ "`alamat` = ?, "

+ "`ponsel` = ?, "

+ "`user\_update` = ? "

+ "WHERE `supliers`.`id` = ?;";

try {

preparedStatement =this.connection.prepareStatement(query);

preparedStatement.setInt(5, Integer.valueOf( suplier.get("id\_suplier").toString()));

preparedStatement.setString(1, suplier.get("nama\_suplier").toString());

preparedStatement.setString(2, suplier.get("alamat").toString());

preparedStatement.setString(3, suplier.get("ponsel").toString());

preparedStatement.setInt(4, Integer.valueOf(suplier.get("user\_update").toString()));

preparedStatement.execute();

JOptionPane.showMessageDialog( null, "Data Berhasil Disimpan");

} catch (Exception e) {

System.out.println(e);

JOptionPane.showMessageDialog( null, "Penyimpanan Gagal", "Error", JOptionPane.ERROR\_MESSAGE);

}

}

}

1. View.vBackground

package View;

import admin.gudang.Ltime;

import java.awt.Color;

import java.awt.TextArea;

import java.awt.event.ActionEvent;

import java.awt.event.ActionListener;

import java.awt.event.KeyAdapter;

import java.awt.event.KeyEvent;

import java.awt.event.MouseEvent;

import java.awt.event.MouseListener;

import java.time.LocalDate;

import java.util.HashMap;

import javax.swing.BorderFactory;

import javax.swing.ImageIcon;

import javax.swing.JButton;

import javax.swing.JComboBox;

import javax.swing.JFrame;

import javax.swing.JLabel;

import javax.swing.JPanel;

import javax.swing.JOptionPane;

import javax.swing.JTextArea;

import javax.swing.JTextField;

/\*\*

\*

\* @author sonys

\*/

public class vBackground extends JFrame{

JButton btnBarang, btnPesanan,btnSuplier, btnPengguna, btnLaporan,btnCabang,btnSimpan;

JPanel bg;

JLabel lNama;

JLabel lUserid;

JTextField tfJudul;

JTextArea tfDeskripsi;

JFrame fdisplay;

public vBackground(){

bg=new JPanel();

bg.setBackground(Color.black);

bg.setSize(1366,768);

JLabel pHeader=new JLabel();

pHeader.setIcon(new ImageIcon(getClass().getResource("/Picture/header\_desktop1.jpg")));

pHeader.setBounds(0, 0, 1366, 60);

JLabel pMenu=new JLabel();

pMenu.setIcon(new ImageIcon(getClass().getResource("/Picture/mainmenu1.jpg")));

pMenu.setBounds(-5, 60, 400, 750);

JLabel lTitle=new JLabel("STORM(Stock and Order Monitoring)");

lTitle.setFont(new java.awt.Font("Tahoma", 1, 26));

lTitle.setForeground(Color.white);

lTitle.setBounds(10, 7,700, 40);

JLabel waktu=new JLabel("Waktu ");

waktu.setFont(new java.awt.Font("Tahoma", 0, 18));

waktu.setForeground(new java.awt.Color(255, 255, 255));

waktu.setBounds(750, 7,100, 40);

Ltime vWaktu= new Ltime();

vWaktu.setFont(new java.awt.Font("Tahoma", 0, 18));

vWaktu.setForeground(new java.awt.Color(255, 255, 255));

vWaktu.setBounds(850, 7,300, 40);

JLabel iUser=new JLabel();

iUser.setIcon(new ImageIcon(getClass().getResource("/Picture/user.png")));

iUser.setBounds(20 , 80, 100,100);

lNama=new JLabel();

lNama.setForeground(Color.white);

lNama.setFont(new java.awt.Font("Tahoma", 1, 26));

lNama.setBounds(130 , 65, 300,100);

lUserid=new JLabel();

lUserid.setForeground(Color.white);

lUserid.setFont(new java.awt.Font("Tahoma", 1, 22));

lUserid.setBounds(130 , 95, 100,100);

JLabel btnClose=new JLabel();

btnClose.setIcon(new ImageIcon(getClass().getResource("/Picture/cancel.png")));

btnClose.setBounds(1315, 5,50, 50);

btnClose.addMouseListener(new MouseListener() {

@Override

public void mouseClicked(MouseEvent me) {

int opsi = JOptionPane.showConfirmDialog(null, "Yakin Ingin Keluar ?", "Keluar", JOptionPane.YES\_NO\_OPTION);

if (opsi == JOptionPane.YES\_OPTION)

System.exit(0);

else

JOptionPane.showMessageDialog(null, "Dibatalkan");

}

@Override

public void mousePressed(MouseEvent me) {

}

@Override

public void mouseReleased(MouseEvent me) {

}

@Override

public void mouseEntered(MouseEvent me) {

}

@Override

public void mouseExited(MouseEvent me) {

}

});

JLabel btnNotif=new JLabel();

btnNotif.setIcon(new ImageIcon(getClass().getResource("/Picture/notif.png")));

btnNotif.setBounds(1247, 5,50, 50);

btnNotif.addMouseListener(new MouseListener() {

@Override

public void mouseClicked(MouseEvent me) {

showFormNotifikasi();

}

@Override

public void mousePressed(MouseEvent me) {

}

@Override

public void mouseReleased(MouseEvent me) {

}

@Override

public void mouseEntered(MouseEvent me) {

}

@Override

public void mouseExited(MouseEvent me) {

}

});

btnBarang=new JButton("BARANG");

btnBarang.setForeground(Color.black);

btnBarang.setFont(new java.awt.Font("Tahoma", 0, 30));

btnBarang.setBounds(28, 230, 335, 60);

btnBarang.setBackground(Color.WHITE);

btnPesanan=new JButton("PESANAN");

btnPesanan.setForeground(Color.black);

btnPesanan.setFont(new java.awt.Font("Tahoma", 0, 30));

btnPesanan.setBounds(28, 310, 335, 60);

btnPesanan.setBackground(Color.WHITE);

btnSuplier=new JButton("SUPLIER");

btnSuplier.setForeground(Color.black);

btnSuplier.setFont(new java.awt.Font("Tahoma", 0, 30));

btnSuplier.setBounds(28, 390, 335, 60);

btnSuplier.setBackground(Color.WHITE);

btnCabang=new JButton("CABANG");

btnCabang.setForeground(Color.black);

btnCabang.setFont(new java.awt.Font("Tahoma", 0, 30));

btnCabang.setBounds(28, 470, 335, 60);

btnCabang.setBackground(Color.WHITE);

btnPengguna=new JButton("PENGGUNA");

btnPengguna.setForeground(Color.black);

btnPengguna.setFont(new java.awt.Font("Tahoma", 0, 30));

btnPengguna.setBounds(28, 550, 335, 60);

btnPengguna.setBackground(Color.WHITE);

btnLaporan=new JButton("LAPORAN");

btnLaporan.setForeground(Color.black);

btnLaporan.setFont(new java.awt.Font("Tahoma", 0, 30));

btnLaporan.setBounds(28, 630, 335, 60);

btnLaporan.setBackground(Color.WHITE);

btnSimpan=new JButton("SIMPAN");

btnSimpan.setBounds(127, 300, 160, 30);

btnSimpan.setFont(new java.awt.Font("Calibri", 0, 21));

btnSimpan.setForeground(Color.black);

btnSimpan.setBackground(Color.white);

btnSimpan.addActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

fdisplay.setVisible(false);

}

});

add(lTitle);

add(waktu);

add(vWaktu);

add(iUser);

add(lNama);

add(lUserid);

add(btnBarang);

add(btnPesanan);

add(btnSuplier);

add(btnCabang);

add(btnPengguna);

add(btnLaporan);

add(btnClose);

add(btnNotif);

add(pHeader);

add(pMenu);

}

public void btnBarangAddActionListener(ActionListener a){

btnBarang.addActionListener(a);

}

public void btnPesananAddActionListener(ActionListener a){

btnPesanan.addActionListener(a);

}

public void btnPenggunaAddActionListener(ActionListener a){

btnPengguna.addActionListener(a);

}

public void btnCabangAddActionListener(ActionListener a){

btnCabang.addActionListener(a);

}

public void btnSuplierAddActionListener(ActionListener a){

btnSuplier.addActionListener(a);

}

public void btnLaporanAddActionListener(ActionListener a){

btnLaporan.addActionListener(a);

}

public void setUserData(String name, String userID){

lNama.setText(name);

lUserid.setText(userID);

}

public String getUserID(){

return lUserid.getText();

}

public void showFormNotifikasi(){

fdisplay=new JFrame("BAGIKAN NOTIFIKASI");

JLabel ljudul=new JLabel("Judul");

ljudul.setBounds(30, 20, 180, 30);

ljudul.setFont(new java.awt.Font("Calibri", 0, 21));

ljudul.setForeground(new java.awt.Color(170, 173, 234));

tfJudul=new JTextField();

tfJudul.setBounds(200, 20, 180, 30);

tfJudul.setFont(new java.awt.Font("Calibri", 0, 21));

tfJudul.setForeground(new java.awt.Color(170, 173, 234));

tfJudul.setBorder(BorderFactory.createLineBorder(new java.awt.Color(170, 173, 234), 1));

JLabel ldeskripsi=new JLabel("Pesan");

ldeskripsi.setBounds(30, 80, 180, 30);

ldeskripsi.setFont(new java.awt.Font("Calibri", 0, 21));

ldeskripsi.setForeground(new java.awt.Color(170, 173, 234));

tfDeskripsi=new JTextArea();

tfDeskripsi.setBounds(200, 80, 180, 150);

tfDeskripsi.setFont(new java.awt.Font("Calibri", 0, 21));

tfDeskripsi.setForeground(new java.awt.Color(170, 173, 234));

tfDeskripsi.setBorder(BorderFactory.createLineBorder(new java.awt.Color(170, 173, 234), 1));

fdisplay.add(ljudul);

fdisplay.add(tfJudul);

fdisplay.add(ldeskripsi);

fdisplay.add(tfDeskripsi);

fdisplay.add(btnSimpan);

fdisplay.add(bg);

fdisplay.setSize(450,380);

fdisplay.setLayout(null);

fdisplay.setVisible(true);

fdisplay.setDefaultCloseOperation(1);

}

public void postNotification(ActionListener a){

btnSimpan.addActionListener(a);

}

public HashMap getFormNotif(){

HashMap hashMap=new HashMap();

hashMap.put("judul", tfJudul.getText().toString());

hashMap.put("deskripsi", tfDeskripsi.getText().toString());

return hashMap;

}

}

1. View.vBarang

package View;

import com.google.zxing.BarcodeFormat;

import com.google.zxing.EncodeHintType;

import com.google.zxing.MultiFormatWriter;

import com.google.zxing.WriterException;

import com.google.zxing.client.j2se.MatrixToImageWriter;

import com.google.zxing.common.BitMatrix;

import com.google.zxing.qrcode.decoder.ErrorCorrectionLevel;

import java.awt.Color;

import java.awt.Graphics2D;

import java.awt.Image;

import java.awt.RenderingHints;

import java.awt.event.ActionEvent;

import java.awt.event.ActionListener;

import java.awt.event.KeyAdapter;

import java.awt.event.KeyEvent;

import java.awt.event.MouseEvent;

import java.awt.event.MouseListener;

import java.awt.image.BufferedImage;

import java.io.ByteArrayInputStream;

import java.io.ByteArrayOutputStream;

import java.io.File;

import java.io.FileInputStream;

import java.io.FileNotFoundException;

import java.io.IOException;

import java.io.InputStream;

import java.sql.Timestamp;

import java.util.ArrayList;

import java.util.EnumMap;

import java.util.HashMap;

import java.util.Map;

import java.util.Random;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.imageio.ImageIO;

import javax.swing.BorderFactory;

import javax.swing.ImageIcon;

import javax.swing.JButton;

import javax.swing.JComboBox;

import javax.swing.JFileChooser;

import javax.swing.JFrame;

import javax.swing.JLabel;

import javax.swing.JPanel;

import javax.swing.JScrollPane;

import javax.swing.JTable;

import javax.swing.JTextField;

import javax.swing.filechooser.FileNameExtensionFilter;

import javax.swing.table.DefaultTableModel;

/\*\*

\*

\* @author sonys

\*/

public class vBarang extends vBackground{

JButton btnAdd,btnSearch,btnSimpan,btnPilih;

JTextField jtNama,tfkbarang,jtnamabarang,jtstok,jthbeli,jthjual;

JTable tblBarang;

JFrame jfmbarang;

InputStream ins = null;

InputStream insQR=null;

JLabel jtkdSuplier,lGambar,lQR;

JComboBox jcbSuplier,jcbStatus;

DefaultTableModel dtmBarang;

JFileChooser jfcSearch;

String path=null;

String filePath = "QRCode.png";

String charset = "UTF-8";

File imageFile =null;

public vBarang(){

JLabel lTitle=new JLabel("Data Barang");

lTitle.setBounds(786, 50, 600, 100);

lTitle.setFont(new java.awt.Font("Calibri", 1, 36));

lTitle.setForeground(Color.white);

JLabel lnama=new JLabel("Nama Barang");

lnama.setBounds(636, 160, 180, 30);

lnama.setFont(new java.awt.Font("Calibri", 1, 22));

lnama.setForeground(Color.white);

jtNama=new JTextField();

jtNama.setBounds(780, 160, 200, 30);

jtNama.setFont(new java.awt.Font("Calibri", 0, 21));

jtNama.setForeground(Color.BLACK);

btnSearch=new JButton("Cari");

btnSearch.setBounds(1001, 160, 120, 30);

btnSearch.setFont(new java.awt.Font("Calibri", 0, 21));

btnSearch.setForeground(Color.black);

btnSearch.setBackground(Color.WHITE);

tblBarang=new JTable(){

@Override

public boolean isCellEditable(int row, int column) {

return false;

}

};

tblBarang.setBounds(431, 201, 909, 431);

tblBarang.setFont(new java.awt.Font("Calibri", 0, 18));

tblBarang.setForeground(Color.black);

tblBarang.setBackground(Color.white);

tblBarang.setRowHeight(30);

tblBarang.setBorder(BorderFactory.createLineBorder(Color.black, 1));

tblBarang.setAutoResizeMode(JTable.AUTO\_RESIZE\_LAST\_COLUMN);

JScrollPane scrollPane = new JScrollPane(tblBarang);

scrollPane.setBounds(431, 201, 909, 431);

btnAdd=new JButton("Tambah");

btnAdd.setForeground(Color.black);

btnAdd.setFont(new java.awt.Font("Calibri", 1, 22));

btnAdd.setBounds(1200,674, 150, 60);

btnAdd.setBackground(Color.WHITE);

btnAdd.addActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

showFormBarang();

}

});

jcbSuplier=new JComboBox();

jcbSuplier.setBounds(328, 320, 240, 30);

jcbSuplier.setFont(new java.awt.Font("Calibri", 1, 22));

jcbSuplier.setForeground(Color.black);

jcbSuplier.setBackground(Color.white);

jcbSuplier.setBorder(BorderFactory.createLineBorder(Color.black, 1));

btnSimpan= new JButton("Simpan");

btnSimpan.setBounds(197, 665, 150, 40);

btnSimpan.setFont(new java.awt.Font("Calibri", 1, 22));

btnSimpan.setForeground(Color.black);

btnSimpan.setBackground(Color.WHITE);

btnSimpan.addActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

jfmbarang.dispose();

}

});

add(lTitle);

add(lnama);

add(jtNama);

add(btnSearch);

add(scrollPane);

add(btnAdd);

add(bg);

setUndecorated(true);

setLayout(null);

setDefaultCloseOperation(DO\_NOTHING\_ON\_CLOSE);

setSize(1366,768);

setVisible(true);

}

public void setjcbSuplier(ArrayList a){

for (int i = 0; i < a.size(); i++) {

HashMap hm=(HashMap) a.get(i);

jcbSuplier.addItem(hm.get("nama\_suplier"));

}

}

public JComboBox getSuplier (){

return jcbSuplier;

}

public void setIDSuplier(String a){

jtkdSuplier.setText(a);

}

public void setTableBarang(ArrayList rows){

dtmBarang=new DefaultTableModel();

dtmBarang.setColumnCount(0);

dtmBarang.addColumn("ID");

dtmBarang.addColumn("Nama");

dtmBarang.addColumn("Stok");

dtmBarang.addColumn("Harga Beli");

dtmBarang.addColumn("Harga Jual");

dtmBarang.addColumn("Nama Suplier");

dtmBarang.addColumn("Status");

dtmBarang.addColumn("User Update");

dtmBarang.addColumn("Update At");

for (int i = 0; i < rows.size(); i++) {

HashMap row= (HashMap) rows.get(i);

dtmBarang.addRow(new Object[]{row.get("id\_barang"),row.get("nama\_barang"),row.get("stok"),row.get("harga\_beli"),row.get("harga\_jual"),row.get("nama\_suplier"),row.get("status"),row.get("user\_update"),row.get("update\_at")});

}

tblBarang.setModel(dtmBarang);

}

public String getSearchField(){

return jtNama.getText();

}

public void btnSearchAddActionListener(ActionListener a){

btnSearch.addActionListener(a);

}

public void disableTFIDBarang(){

tfkbarang.setEditable(false);

}

public void setFormBarang(HashMap a){

tfkbarang.setText(a.get("id\_barang").toString());

jtnamabarang.setText(a.get("nama\_barang").toString());

jtstok.setText(a.get("stok").toString());

jthbeli.setText(a.get("harga\_beli").toString());

jthjual.setText(a.get("harga\_jual").toString());

byte[] img=(byte[]) a.get("image");

ins=new ByteArrayInputStream(img);

ImageIcon image=new ImageIcon(img);

Image im=image.getImage().getScaledInstance(200, 200, Image.SCALE\_SMOOTH);

ImageIcon ii=new ImageIcon(im);

lGambar.setIcon(ii);

byte[] imgQR=(byte[]) a.get("qr\_code");

insQR=new ByteArrayInputStream(imgQR);

ImageIcon imageQR=new ImageIcon(imgQR);

// InputStream is=new FileInputStream(path)

Image imQR=imageQR.getImage().getScaledInstance(200, 200, Image.SCALE\_SMOOTH);

ImageIcon iiQR=new ImageIcon(imQR);

lQR.setIcon(iiQR);

}

public JTable getTable(){

return tblBarang;

}

public HashMap getForm (){

HashMap hm=new HashMap();

if (tfkbarang.getText().equals("")) {

Random rand = new Random();

int randomNum = rand.nextInt((10000 - 999) +1) + 999;

System.out.println(randomNum);

String kd="88"+randomNum;

hm.put("id\_barang", Integer.valueOf(kd));

Map<EncodeHintType, ErrorCorrectionLevel> hintMap = new EnumMap<>(EncodeHintType.class);

hintMap.put(EncodeHintType.ERROR\_CORRECTION, ErrorCorrectionLevel.L);

try {

createQRCode(kd, filePath, charset, hintMap, 200, 200);

BufferedImage loadImg = loadImage(filePath);

} catch (WriterException ex) {

Logger.getLogger(vBarang.class.getName()).log(Level.SEVERE, null, ex);

} catch (IOException ex) {

Logger.getLogger(vBarang.class.getName()).log(Level.SEVERE, null, ex);

}

BufferedImage loadImg = loadImage(filePath);

ByteArrayOutputStream os = new ByteArrayOutputStream();

try {

ImageIO.write(loadImg, "jpeg", os);

} catch (IOException ex) {

Logger.getLogger(vBarang.class.getName()).log(Level.SEVERE, null, ex);

}

InputStream is = new ByteArrayInputStream(os.toByteArray());

hm.put("qr\_code", is);

}else{

hm.put("id\_barang", Integer.valueOf(tfkbarang.getText()));

}

if (path==null) {

hm.put("image", ins);

}else{

try {

ins = new FileInputStream(path);

hm.put("image", ins);

} catch (FileNotFoundException ex) {

Logger.getLogger(vBarang.class.getName()).log(Level.SEVERE, null, ex);

}

}

hm.put("nama\_barang", jtnamabarang.getText());

hm.put("stok", Integer.valueOf(jtstok.getText()));

hm.put("harga\_beli", Integer.valueOf(jthbeli.getText()));

hm.put("harga\_jual", Integer.valueOf(jthjual.getText()));

hm.put("id\_suplier",Integer.valueOf(jtkdSuplier.getText()));

hm.put("status", jcbStatus.getSelectedItem().toString());

hm.put("user\_update",Integer.valueOf(getUserID())) ;

return hm;

}

public void showFormBarang(){

jfmbarang=new JFrame("FORM MANAGEMEN BARANG");

JLabel lkbarang=new JLabel("Kode Barang ");

lkbarang.setBounds(15, 20, 130, 30);

lkbarang.setFont(new java.awt.Font("Calibri", 1, 22));

lkbarang.setForeground(Color.white);

tfkbarang=new JTextField();

tfkbarang.setEnabled(false);

tfkbarang.setBounds(328, 20, 240, 30);

tfkbarang.setFont(new java.awt.Font("Calibri", 1, 22));

tfkbarang.setFont(new java.awt.Font("Calibri", 1, 22));

tfkbarang.setForeground(Color.black);

tfkbarang.setBorder(BorderFactory.createLineBorder(Color.black, 1));

JLabel lbarang=new JLabel("Nama Barang");

lbarang.setBounds(15, 70, 130, 30);

lbarang.setFont(new java.awt.Font("Calibri", 1, 22));

lbarang.setForeground(Color.white);

jtnamabarang=new JTextField();

jtnamabarang.setBounds(328, 70, 240, 30);

jtnamabarang.setFont(new java.awt.Font("Calibri", 1, 22));

jtnamabarang.setForeground(Color.black);

jtnamabarang.setBorder(BorderFactory.createLineBorder(Color.black, 1));

JLabel lstok=new JLabel("Stok");

lstok.setBounds(15, 120, 130, 30);

lstok.setFont(new java.awt.Font("Calibri", 1, 22));

lstok.setForeground(Color.white);

jtstok=new JTextField();

jtstok.setBounds(328, 120, 240, 30);

jtstok.setFont(new java.awt.Font("Calibri", 1, 22));

jtstok.setFont(new java.awt.Font("Calibri", 1, 22));

jtstok.setForeground(Color.black);

jtstok.setBorder(BorderFactory.createLineBorder(Color.black, 1));

jtstok.addKeyListener(new KeyAdapter() {

public void keyPressed(KeyEvent ke) {

String value = jtstok.getText();

int l = value.length();

if (ke.getKeyChar() >= '0' && ke.getKeyChar() <= '9' || ke.getKeyCode()==KeyEvent.VK\_BACK\_SPACE) {

jtstok.setEditable(true);

} else {

jtstok.setEditable(false);

}

}

});

JLabel lhbeli=new JLabel("Harga Beli");

lhbeli.setBounds(15, 170, 130, 30);

lhbeli.setFont(new java.awt.Font("Calibri", 1, 22));

lhbeli.setForeground(Color.white);

jthbeli=new JTextField();

jthbeli.setBounds(328, 170, 240, 30);

jthbeli.setFont(new java.awt.Font("Calibri", 1, 22));

jthbeli.setForeground(Color.black);

jthbeli.setBorder(BorderFactory.createLineBorder(Color.black, 1));

jthbeli.addKeyListener(new KeyAdapter() {

public void keyPressed(KeyEvent ke) {

String value = jthbeli.getText();

int l = value.length();

if (ke.getKeyChar() >= '0' && ke.getKeyChar() <= '9'|| ke.getKeyCode()==KeyEvent.VK\_BACK\_SPACE) {

jthbeli.setEditable(true);

} else {

jthbeli.setEditable(false);

}

}

});

JLabel lhjual=new JLabel("Harga Jual ");

lhjual.setBounds(15, 220, 130, 30);

lhjual.setFont(new java.awt.Font("Calibri", 1, 22));

lhjual.setForeground(Color.white);

jthjual=new JTextField();

jthjual.setBounds(328, 220, 240, 30);

jthjual.setFont(new java.awt.Font("Calibri", 1, 22));

jthjual.setForeground(Color.black);

jthjual.setBorder(BorderFactory.createLineBorder(Color.black, 1));

jthjual.addKeyListener(new KeyAdapter() {

public void keyPressed(KeyEvent ke) {

String value = jthjual.getText();

int l = value.length();

if (ke.getKeyChar() >= '0' && ke.getKeyChar() <= '9'|| ke.getKeyCode()==KeyEvent.VK\_BACK\_SPACE) {

jthjual.setEditable(true);

} else {

jthjual.setEditable(false);

}

}

});

JLabel lkdsuplier=new JLabel("ID Suplier");

lkdsuplier.setBounds(15, 270, 130, 30);

lkdsuplier.setFont(new java.awt.Font("Calibri", 1, 22));

lkdsuplier.setForeground(Color.white);

jtkdSuplier=new JLabel("0");

jtkdSuplier.setBounds(328, 270, 240, 30);

jtkdSuplier.setFont(new java.awt.Font("Calibri", 1, 22));

jtkdSuplier.setForeground(Color.white);

jtkdSuplier.setBorder(BorderFactory.createLineBorder(Color.black, 1));

jtkdSuplier.setBorder(BorderFactory.createLineBorder(Color.black, 1));

JLabel lnamasuplier=new JLabel("Nama Suplier");

lnamasuplier.setBounds(15, 320, 130, 30);

lnamasuplier.setFont(new java.awt.Font("Calibri", 1, 22));

lnamasuplier.setForeground(Color.white);

JLabel lStatusBarang=new JLabel("Status");

lStatusBarang.setBounds(15, 370, 240, 30);

lStatusBarang.setFont(new java.awt.Font("Calibri", 1, 22));

lStatusBarang.setForeground(Color.white);

jcbStatus=new JComboBox();

jcbStatus.addItem("Available");

jcbStatus.addItem("Not Available");

jcbStatus.setBounds(328, 370, 240, 30);

jcbStatus.setFont(new java.awt.Font("Calibri", 1, 22));

jcbStatus.setForeground(Color.black);

jcbStatus.setBackground(Color.white);

jcbStatus.setBorder(BorderFactory.createLineBorder(Color.black, 1));

lGambar=new JLabel();

lGambar.setBounds(72, 420, 200, 200);

lGambar.setFont(new java.awt.Font("Calibri", 1, 22));

lGambar.setForeground(Color.black);

lGambar.setBorder(BorderFactory.createLineBorder(Color.black, 1));

lQR=new JLabel();

lQR.setBounds(309, 420, 200, 200);

lQR.setFont(new java.awt.Font("Calibri", 1, 22));

lQR.setForeground(Color.black);

lQR.setBorder(BorderFactory.createLineBorder(Color.black, 1));

btnPilih= new JButton("Pilih");

btnPilih.setBounds(136, 630, 80, 30);

btnPilih.setFont(new java.awt.Font("Calibri", 1, 16));

btnPilih.setForeground(Color.black);

btnPilih.setBackground(Color.WHITE);

btnPilih.addActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

//throw new UnsupportedOperationException("Not supported yet."); //To change body of generated methods, choose Tools | Templates.

jfcSearch= new JFileChooser("SEACRH");

jfcSearch.setCurrentDirectory(new java.io.File("C:\\Users\\sonys\\Pictures"));

jfcSearch.setDialogTitle("Pilih Gambar");

jfcSearch.setFileSelectionMode(JFileChooser.FILES\_AND\_DIRECTORIES);

jfcSearch.addChoosableFileFilter(new FileNameExtensionFilter("Image Files", "jpg","jpeg", "png", "tif"));

jfcSearch.setAcceptAllFileFilterUsed(false);

int result=jfcSearch.showSaveDialog(null);

if (result==JFileChooser.APPROVE\_OPTION) {

File selectedFile=jfcSearch.getSelectedFile();

path=selectedFile.getAbsolutePath();

ImageIcon image=new ImageIcon(path);

Image im=image.getImage().getScaledInstance(200, 200, Image.SCALE\_SMOOTH);

ImageIcon ii=new ImageIcon(im);

lGambar.setIcon(ii);

System.out.println(path);

}

}

});

jfmbarang.add(lkbarang);

jfmbarang.add(tfkbarang);

jfmbarang.add(lbarang);

jfmbarang.add(jtnamabarang);

jfmbarang.add(lstok);

jfmbarang.add(jtstok);

jfmbarang.add(lhbeli);

jfmbarang.add(jthbeli);

jfmbarang.add(lhjual);

jfmbarang.add(jthjual);

jfmbarang.add(lkdsuplier);

jfmbarang.add(jtkdSuplier);

jfmbarang.add(jthjual);

jfmbarang.add(lnamasuplier);

jfmbarang.add(jcbSuplier);

jfmbarang.add(lStatusBarang);

jfmbarang.add(jcbStatus);

jfmbarang.add(lGambar);

jfmbarang.add(lQR);

jfmbarang.add(btnSimpan);

jfmbarang.add(btnPilih);

jfmbarang.add(bg);

jfmbarang.setBackground(Color.black);

jfmbarang.setSize(600,750);

jfmbarang.setLayout(null);

jfmbarang.setVisible(true);

jfmbarang.setDefaultCloseOperation(1);

}

public void btnSimpanAddActionListener(ActionListener a){

btnSimpan.addActionListener(a);

}

public static BufferedImage loadImage(String ref){

BufferedImage bimg =null;

try {

bimg = ImageIO.read(new File(ref));

} catch (IOException e) {

}

return bimg;

}

public static BufferedImage resize(BufferedImage img, int newW,int newH){

int w = img.getWidth();

int h = img.getHeight();

BufferedImage dimg = dimg = new BufferedImage(newW, newH, img.getType());

Graphics2D g = dimg.createGraphics();

g.setRenderingHint(RenderingHints.KEY\_INTERPOLATION,

RenderingHints.VALUE\_INTERPOLATION\_BILINEAR);

g.drawImage(img, 0, 0, newW, newH, 0, 0, w, h, null);

g.dispose();

return dimg;

}

public static void createQRCode(String qrCodeData, String filePath,

String charset, Map hintMap, int qrCodeheight, int qrCodewidth)

throws WriterException, IOException {

@SuppressWarnings("unchecked")

BitMatrix matrix = new MultiFormatWriter().encode(

new String(qrCodeData.getBytes(charset), charset),

BarcodeFormat.QR\_CODE, qrCodewidth, qrCodeheight, hintMap);

MatrixToImageWriter.writeToFile(matrix, filePath.substring(filePath

.lastIndexOf('.') + 1), new File(filePath));

}

}

1. View.vBranch

package View;

import java.awt.Color;

import java.awt.TextField;

import java.awt.event.ActionEvent;

import java.awt.event.ActionListener;

import java.awt.event.KeyAdapter;

import java.awt.event.KeyEvent;

import java.util.ArrayList;

import java.util.HashMap;

import javax.swing.BorderFactory;

import javax.swing.JButton;

import javax.swing.JComboBox;

import javax.swing.JFrame;

import javax.swing.JLabel;

import javax.swing.JPasswordField;

import javax.swing.JScrollPane;

import javax.swing.JTable;

import javax.swing.JTextField;

import static javax.swing.WindowConstants.DO\_NOTHING\_ON\_CLOSE;

import javax.swing.table.DefaultTableModel;

/\*\*

\*

\* @author sonys

\*/

public class vBranch extends vBackground{

JTextField jtNama;

JButton btnSearch,btnAdd,btnSimpan;

JTable tblBranch;

DefaultTableModel dtmBranch;

public vBranch(){

JLabel lTitle=new JLabel("Data Cabang");

lTitle.setBounds(786, 50, 600, 100);

lTitle.setFont(new java.awt.Font("Calibri", 1, 36));

lTitle.setForeground(Color.white);

JLabel lnama=new JLabel("Nama Cabang");

lnama.setBounds(636, 160, 180, 30);

lnama.setFont(new java.awt.Font("Calibri", 1, 22));

lnama.setForeground(Color.white);

jtNama=new JTextField();

jtNama.setBounds(780, 160, 200, 30);

jtNama.setFont(new java.awt.Font("Calibri", 0, 21));

jtNama.setForeground(Color.black);

btnSearch=new JButton("Cari");

btnSearch.setBounds(1001, 160, 120, 30);

btnSearch.setFont(new java.awt.Font("Calibri", 0, 21));

btnSearch.setForeground(Color.black);

btnSearch.setBackground(Color.WHITE);

tblBranch=new JTable(){

@Override

public boolean isCellEditable(int row, int column) {

return false;

}

};

tblBranch.setBounds(431, 201, 909, 431);

tblBranch.setFont(new java.awt.Font("Calibri", 0, 18));

tblBranch.setForeground(Color.black);

tblBranch.setBackground(Color.WHITE);

tblBranch.setRowHeight(30);

tblBranch.setBorder(BorderFactory.createLineBorder(Color.black, 1));

tblBranch.setAutoResizeMode(JTable.AUTO\_RESIZE\_LAST\_COLUMN);

JScrollPane scrollPane = new JScrollPane(tblBranch);

scrollPane.setBounds(431, 201, 909, 431);

btnAdd=new JButton("Tambah");

btnAdd.setForeground(Color.black);

btnAdd.setFont(new java.awt.Font("Calibri", 1, 22));

btnAdd.setBounds(1189,674, 150, 60);

btnAdd.setBackground(Color.WHITE);

btnAdd.addActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

}

});

btnSimpan=new JButton("SIMPAN");

btnSimpan.setBounds(30, 400, 160, 30);

btnSimpan.setFont(new java.awt.Font("Calibri", 0, 21));

btnSimpan.setForeground(Color.black);

btnSimpan.setBackground(Color.white);

btnSimpan.addActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

}

});

add(lTitle);

add(lnama);

add(jtNama);

add(btnSearch);

add(scrollPane);

add(btnAdd);

add(bg);

setUndecorated(true);

setLayout(null);

setDefaultCloseOperation(DO\_NOTHING\_ON\_CLOSE);

setSize(1366,768);

setVisible(true);

}

public void setTableCabang(ArrayList rows){

dtmBranch=new DefaultTableModel();

dtmBranch.setColumnCount(0);

dtmBranch.addColumn("ID");

dtmBranch.addColumn("Nama");

dtmBranch.addColumn("Almat");

dtmBranch.addColumn("Telepon");

dtmBranch.addColumn("Penangung Jawab");

dtmBranch.addColumn("User Update");

dtmBranch.addColumn("Update At");

for (int i = 0; i < rows.size(); i++) {

HashMap row= (HashMap) rows.get(i);

dtmBranch.addRow(new Object[]{row.get("id"),row.get("nama\_cabang"),row.get("alamat"),row.get("telepon"),row.get("branch\_head"),row.get("user\_update"),row.get("update\_at")});

}

tblBranch.setModel(dtmBranch);

}

JFrame fdisplay;

JTextField idCabang,namaCabang,alamat, telepon,idPenanggungJawab;

JComboBox jcbUsers;

public void showFormCabang(){

fdisplay=new JFrame("DISPLAY PENGGUNA");

JLabel lidPengguna=new JLabel("ID Cabang");

lidPengguna.setBounds(30, 20, 180, 30);

lidPengguna.setFont(new java.awt.Font("Calibri", 0, 21));

lidPengguna.setForeground(Color.white);

idCabang=new JTextField("0");

idCabang.setBounds(200, 20, 180, 30);

idCabang.setFont(new java.awt.Font("Calibri", 0, 21));

idCabang.setForeground(Color.white);

idCabang.setBorder(BorderFactory.createLineBorder(Color.black, 1));

idCabang.setEnabled(false);

JLabel lnamaPengguna=new JLabel("Nama Cabang");

lnamaPengguna.setBounds(30, 80, 180, 30);

lnamaPengguna.setFont(new java.awt.Font("Calibri", 0, 21));

lnamaPengguna.setForeground(Color.white);

namaCabang=new JTextField();

namaCabang.setBounds(200, 80, 180, 30);

namaCabang.setFont(new java.awt.Font("Calibri", 0, 21));

namaCabang.setForeground(Color.black);

namaCabang.setBorder(BorderFactory.createLineBorder(Color.black, 1));

JLabel lAlamatPengguna=new JLabel("Alamat");

lAlamatPengguna.setBounds(30, 140, 180, 30);

lAlamatPengguna.setFont(new java.awt.Font("Calibri", 0, 21));

lAlamatPengguna.setForeground(Color.white);

alamat=new JTextField();

alamat.setBounds(200, 140, 180, 30);

alamat.setFont(new java.awt.Font("Calibri", 0, 21));

alamat.setForeground(Color.black);

alamat.setBorder(BorderFactory.createLineBorder(Color.black, 1));

JLabel lNoHP=new JLabel("Telepon");

lNoHP.setBounds(30, 200, 180, 30);

lNoHP.setFont(new java.awt.Font("Calibri", 0, 21));

lNoHP.setForeground(Color.white);

telepon=new JTextField();

telepon.setBounds(200, 200, 180, 30);

telepon.setFont(new java.awt.Font("Calibri", 0, 21));

telepon.setForeground(Color.black);

telepon.setBorder(BorderFactory.createLineBorder(Color.black, 1));

telepon.addKeyListener(new KeyAdapter() {

public void keyPressed(KeyEvent ke) {

String value = telepon.getText();

int l = value.length();

if (ke.getKeyChar() >= '0' && ke.getKeyChar() <= '9' || ke.getKeyCode()==KeyEvent.VK\_BACK\_SPACE) {

telepon.setEditable(true);

} else {

telepon.setEditable(false);

}

}

});

JLabel lidBranch=new JLabel("ID HS");

lidBranch.setBounds(30, 260, 130, 30);

lidBranch.setFont(new java.awt.Font("Calibri", 1, 22));

lidBranch.setForeground(Color.white);

idPenanggungJawab=new JTextField("");

idPenanggungJawab.setEnabled(false);

idPenanggungJawab.setBounds(200, 260, 180, 30);

idPenanggungJawab.setFont(new java.awt.Font("Calibri", 1, 22));

idPenanggungJawab.setForeground(Color.black);

idPenanggungJawab.setBorder(BorderFactory.createLineBorder(Color.black, 1));

idPenanggungJawab.setBorder(BorderFactory.createLineBorder(Color.black, 1));

JLabel lnamaBranch=new JLabel("Nama HS");

lnamaBranch.setBounds(30, 320, 130, 30);

lnamaBranch.setFont(new java.awt.Font("Calibri", 1, 22));

lnamaBranch.setForeground(Color.white);

jcbUsers=new JComboBox();

jcbUsers.setBounds(200, 320, 180, 30);

jcbUsers.setFont(new java.awt.Font("Calibri", 1, 22));

jcbUsers.setForeground(Color.black);

jcbUsers.setBackground(Color.white);

jcbUsers.setBorder(BorderFactory.createLineBorder(Color.black, 1));

fdisplay.add(lidPengguna);

fdisplay.add(idCabang);

fdisplay.add(lnamaPengguna);

fdisplay.add(namaCabang);

fdisplay.add(lAlamatPengguna);

fdisplay.add(alamat);

fdisplay.add(lNoHP);

fdisplay.add(telepon);

fdisplay.add(lidBranch);

fdisplay.add(idPenanggungJawab);

fdisplay.add(lnamaBranch);

fdisplay.add(jcbUsers);

fdisplay.add(btnSimpan);

fdisplay.add(bg);

fdisplay.setSize(450,500);

fdisplay.setLayout(null);

fdisplay.setVisible(true);

fdisplay.setDefaultCloseOperation(1);

}

public HashMap getForm(){

HashMap hashMap=new HashMap();

hashMap.put("id", idCabang.getText().toString());

hashMap.put("nama\_cabang", namaCabang.getText().toString());

hashMap.put("alamat", alamat.getText().toString());

hashMap.put("telepon", telepon.getText().toString());

hashMap.put("branch\_head", idPenanggungJawab.getText().toString());

hashMap.put("user\_update", getUserID());

return hashMap;

}

public JTextField getJtNama() {

return jtNama;

}

public JTable getTblBranch() {

return tblBranch;

}

public JTextField getIdCabang() {

return idCabang;

}

public JTextField getNamaCabang() {

return namaCabang;

}

public JTextField getAlamat() {

return alamat;

}

public JTextField getTelepon() {

return telepon;

}

public JTextField getIdPenanggungJawab() {

return idPenanggungJawab;

}

public JComboBox getJcbUsers() {

return jcbUsers;

}

public JButton getBtnSearch() {

return btnSearch;

}

public JButton getBtnAdd() {

return btnAdd;

}

public JButton getBtnSimpan() {

return btnSimpan;

}

}

1. View.vLaporan

package View;

import com.toedter.calendar.JDateChooser;

import java.awt.Color;

import java.awt.Dimension;

import java.awt.event.ActionEvent;

import java.awt.event.ActionListener;

import java.awt.event.KeyAdapter;

import java.awt.event.KeyEvent;

import java.util.ArrayList;

import java.util.HashMap;

import java.util.Locale;

import javax.swing.BorderFactory;

import javax.swing.JButton;

import javax.swing.JComboBox;

import javax.swing.JLabel;

import javax.swing.JPanel;

import javax.swing.JScrollPane;

import javax.swing.JTable;

import javax.swing.JTextField;

import javax.swing.table.DefaultTableModel;

/\*\*

\*

\* @author sonys

\*/

public class vLaporan extends vBackground{

JComboBox jcbKriteria;

JLabel lParameter,lKeterangan;

JDateChooser chooser;

JTable tblLaporan;

DefaultTableModel dtmLaporan;

JTextField parameter;

JButton btnPilih,btnSearch;

public vLaporan(){

JLabel lTitle=new JLabel("Laporan");

lTitle.setBounds(824, 50, 600, 100);

lTitle.setFont(new java.awt.Font("Calibri", 1, 36));

lTitle.setForeground(Color.white);

JLabel lkriteria=new JLabel("Cari Berdasarkan");

lkriteria.setBounds(630, 135, 250, 30);

lkriteria.setFont(new java.awt.Font("Calibri", 1, 22));

lkriteria.setForeground(Color.white);

lParameter =new JLabel();

lParameter.setBounds(630, 175, 250, 30);

lParameter.setFont(new java.awt.Font("Calibri", 1, 22));

lParameter.setForeground(Color.white);

chooser = new JDateChooser();

chooser.setLocale(Locale.US);

chooser.setPreferredSize(new Dimension(180, 30));

chooser.setDateFormatString("dd-MM-yyyy");

chooser.setEnabled(true);

chooser.setFont(new java.awt.Font("Calibri", 1, 18));

chooser.setForeground(Color.white);

parameter=new JTextField();

parameter.setBounds(820, 175, 180, 30);

parameter.setFont(new java.awt.Font("Calibri", 1, 22));

parameter.setForeground(Color.black);

parameter.addKeyListener(new KeyAdapter() {

public void keyPressed(KeyEvent ke) {

String value = parameter.getText();

int l = value.length();

if (ke.getKeyChar() >= '0' && ke.getKeyChar() <= '9' || ke.getKeyChar()=='-'|| ke.getKeyCode()==KeyEvent.VK\_BACK\_SPACE) {

parameter.setEditable(true);

} else {

parameter.setEditable(false);

}

}

});

parameter.setBorder(BorderFactory.createLineBorder(Color.black, 1));

jcbKriteria=new JComboBox();

jcbKriteria.addItem("Pemasukan");

jcbKriteria.addItem("Sisa Barang");

jcbKriteria.setBounds(820, 135, 180, 30);

jcbKriteria.setFont(new java.awt.Font("Calibri", 0, 21));

jcbKriteria.setForeground(Color.black);

jcbKriteria.setBackground(Color.white);

jcbKriteria.setBorder(BorderFactory.createLineBorder(Color.black, 1));

btnPilih=new JButton("SET");

btnPilih.setBounds(1031, 135, 100, 30);

btnPilih.setFont(new java.awt.Font("Calibri", 0, 21));

btnPilih.setBackground(Color.WHITE);

btnPilih.setForeground(Color.BLACK);

btnPilih.addActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

if (jcbKriteria.getSelectedItem().toString().equals("Pemasukan")) {

lParameter.setText("Tanggal Transaksi");

}else if (jcbKriteria.getSelectedItem().toString().equals("Sisa Barang")) {

lParameter.setText("Stok Kurang Dari");

}

}

});

btnSearch=new JButton("Search");

btnSearch.setBounds(1031, 175, 100, 30);

btnSearch.setFont(new java.awt.Font("Calibri", 0, 21));

btnSearch.setBackground(Color.WHITE);

btnSearch.setForeground(Color.BLACK);

tblLaporan=new JTable(){

@Override

public boolean isCellEditable(int row, int column) {

return false;

}

};

tblLaporan.setBounds(431, 250, 909, 431);

tblLaporan.setFont(new java.awt.Font("Calibri", 0, 18));

tblLaporan.setForeground(Color.black);

tblLaporan.setBackground(Color.WHITE);

tblLaporan.setRowHeight(30);

tblLaporan.setBorder(BorderFactory.createLineBorder(Color.black, 1));

JScrollPane scrollPane = new JScrollPane(tblLaporan);

scrollPane.setBounds(431, 250, 909, 431);

lKeterangan=new JLabel("INI ADALAH LAPORAN");

lKeterangan.setBounds(431, 680, 1000, 50);

lKeterangan.setFont(new java.awt.Font("Calibri", 1, 22));

lKeterangan.setForeground(Color.black);

add(lTitle);

add(lkriteria);

add(lParameter);

add(jcbKriteria);

add(scrollPane);

add(parameter);

add(btnPilih);

add(btnSearch);

add(lKeterangan);

add(bg);

setUndecorated(true);

setLayout(null);

setDefaultCloseOperation(DO\_NOTHING\_ON\_CLOSE);

setSize(1366,768);

setVisible(true);

}

public void setTableLaporanBarang(ArrayList rows){

dtmLaporan=new DefaultTableModel();

dtmLaporan.setColumnCount(0);

dtmLaporan.addColumn("ID");

dtmLaporan.addColumn("Nama");

dtmLaporan.addColumn("Stok");

dtmLaporan.addColumn("Harga Beli");

dtmLaporan.addColumn("Harga Jual");

dtmLaporan.addColumn("Nama Suplier");

dtmLaporan.addColumn("Status");

dtmLaporan.addColumn("User Update");

dtmLaporan.addColumn("Update At");

int totalBarang=0;

for (int i = 0; i < rows.size(); i++) {

HashMap row= (HashMap) rows.get(i);

if (Integer.valueOf(row.get("stok").toString())<=Integer.valueOf(parameter.getText().toString())) {

dtmLaporan.addRow(new Object[]{row.get("id\_barang"),row.get("nama\_barang"),row.get("stok"),row.get("harga\_beli"),row.get("harga\_jual"),row.get("nama\_suplier"),row.get("status"),row.get("user\_update"),row.get("update\_at")});

totalBarang+=1;

}

}

lKeterangan.setText("Jumlah Barang Yang Stok Kurang Dari Sama Dengan "+parameter.getText()+" Sebanyak "+totalBarang);

tblLaporan.setModel(dtmLaporan);

}

public void setTableLaporanPemasukan(ArrayList rows){

dtmLaporan=new DefaultTableModel();

dtmLaporan.setColumnCount(0);

dtmLaporan.addColumn("ID");

dtmLaporan.addColumn("Nama Pembeli");

dtmLaporan.addColumn("Total");

dtmLaporan.addColumn("Tanggal");

dtmLaporan.addColumn("Status");

dtmLaporan.addColumn("User Update");

dtmLaporan.addColumn("Update At");

int totalKas=0;

for (int i = 0; i < rows.size(); i++) {

HashMap row= (HashMap) rows.get(i);

totalKas+=Integer.valueOf(row.get("total").toString());

dtmLaporan.addRow(new Object[]{row.get("id\_order"),row.get("nama\_pembeli"),row.get("total"),row.get("tanggal\_pesanan"),row.get("status"),row.get("user\_approve"),row.get("update\_at")});

}

lKeterangan.setText("Total Kas Hari Ini Adalah Rp. "+totalKas );

tblLaporan.setModel(dtmLaporan);

}

public String getKriteria(){

return jcbKriteria.getSelectedItem().toString();

}

public String getParameter(){

return parameter.getText();

}

public void btnSearchAddActionListener(ActionListener a){

btnSearch.addActionListener(a);

}}

1. View.vLogin

package View;

import java.awt.Color;

import java.awt.event.ActionEvent;

import java.awt.event.ActionListener;

import java.time.LocalDate;

import javax.swing.ImageIcon;

import javax.swing.JButton;

import javax.swing.JFrame;

import javax.swing.JLabel;

import javax.swing.JPasswordField;

import javax.swing.JTextField;

import javax.swing.SwingConstants;

/\*\*

\*

\* @author sonys

\*/

public class vLogin extends JFrame{

private JTextField tfUserId;

private JPasswordField tfPassword;

private JButton btnLogin, btnReset;

public vLogin(){

JLabel lTanggal =new JLabel("Tanggal :");

lTanggal.setFont(new java.awt.Font("Tahoma", 0, 14));

lTanggal.setForeground(new java.awt.Color(0, 0, 0));

lTanggal.setBounds(8, 0,150, 60);

LocalDate tgl = LocalDate.now();

JLabel tanggal =new JLabel(tgl.toString());

tanggal.setFont(new java.awt.Font("Tahoma", 0, 14));

tanggal.setForeground(new java.awt.Color(0, 0, 0));

tanggal.setBounds(70, 0,150, 60);

JLabel jLogo=new JLabel(new ImageIcon(getClass().getResource("/Picture/logo\_strom\_desktop.jpg")));

jLogo.setBounds(0, 50,500, 200);

jLogo.setHorizontalAlignment(SwingConstants.CENTER);

JLabel lWellcome =new JLabel("STROM",JLabel.CENTER);

lWellcome.setFont(new java.awt.Font("Tahoma", 0, 14));

lWellcome.setForeground(new java.awt.Color(0, 0, 0));

lWellcome.setBounds(0,210,500, 30);

JLabel lLogin =new JLabel("SILAKAN LOGIN",JLabel.CENTER);

lLogin.setFont(new java.awt.Font("Tahoma", 0, 14));

lLogin.setForeground(new java.awt.Color(0, 0, 0));

lLogin.setBounds(0,230,500, 30);

JLabel lUserid= new JLabel("Username");

lUserid.setFont(new java.awt.Font("Tahoma", 0, 14));

lUserid.setForeground(new java.awt.Color(0, 0, 0));

lUserid.setHorizontalAlignment(SwingConstants.CENTER);

lUserid.setBounds(150,260,200, 30);

tfUserId= new JTextField();

tfUserId.setFont(new java.awt.Font("Tahoma", 0, 14));

tfUserId.setForeground(new java.awt.Color(0, 0, 0));

tfUserId.setHorizontalAlignment(SwingConstants.CENTER);

tfUserId.setBounds(150,290,200, 30);

JLabel lPassword= new JLabel("Password");

lPassword.setFont(new java.awt.Font("Tahoma", 0, 14));

lPassword.setForeground(new java.awt.Color(0, 0, 0));

lPassword.setHorizontalAlignment(SwingConstants.CENTER);

lPassword.setBounds(150,320,200, 30);

tfPassword= new JPasswordField();

tfPassword.setFont(new java.awt.Font("Tahoma", 0, 14));

tfPassword.setForeground(new java.awt.Color(0, 0, 0));

tfPassword.setHorizontalAlignment(SwingConstants.CENTER);

tfPassword.setBounds(150,350,200, 30);

btnLogin=new JButton("LOGIN");

btnLogin.setFont(new java.awt.Font("Tahoma", 0, 14));

btnLogin.setBounds(150, 400, 90, 30);

btnLogin.setBackground(Color.WHITE);

btnReset=new JButton("Reset");

btnReset.setFont(new java.awt.Font("Tahoma", 0, 14));

btnReset.setBounds(260, 400, 90, 30);

btnReset.setBackground(Color.WHITE);

btnReset.addActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

tfUserId.setText("");

tfPassword.setText("");

}

});

add(lTanggal);

add(tanggal);

add(jLogo);

add(lUserid);

add(tfUserId);

add(lPassword);

add(tfPassword);

add(btnLogin);

add(btnReset);

getContentPane().setBackground(Color.WHITE);

setTitle("LOGIN");

setSize(500, 500);

setLayout(null);

setLocationRelativeTo(null);

setDefaultCloseOperation(3);

setVisible(true);

}

public void btnLoginAddActionListener(ActionListener actionListener){

btnLogin.addActionListener(actionListener);

}

public String getUsername(){

return tfUserId.getText().toString();

}

public String getPassword(){

return tfPassword.getText().toString();

}

}

1. View.vPengguna

package View;

import java.awt.Color;

import java.awt.TextField;

import java.awt.event.ActionEvent;

import java.awt.event.ActionListener;

import java.awt.event.KeyAdapter;

import java.awt.event.KeyEvent;

import java.awt.event.MouseEvent;

import java.awt.event.MouseListener;

import java.util.ArrayList;

import java.util.HashMap;

import java.util.Random;

import javax.swing.BorderFactory;

import javax.swing.JButton;

import javax.swing.JComboBox;

import javax.swing.JFrame;

import javax.swing.JLabel;

import javax.swing.JPasswordField;

import javax.swing.JScrollPane;

import javax.swing.JTable;

import javax.swing.JTextField;

import javax.swing.table.DefaultTableModel;

/\*\*

\*

\* @author sonys

\*/

public class vPengguna extends vBackground{

JButton btnTambah,btnSearch,btnSimpan;

JTextField jtNama;

JTable tblPengguna;

JTextField idPengguna,namaPengguna,alamat,noHpPengguna;

JPasswordField password;

DefaultTableModel dtmPengguna;

JComboBox jabatan;

JFrame fdisplay;

JComboBox jcbBranch;

JTextField idBranch;

public vPengguna(){

JLabel lTitle=new JLabel("Data Pengguna");

lTitle.setBounds(750, 50, 600, 100);

lTitle.setFont(new java.awt.Font("Calibri", 1, 36));

lTitle.setForeground(Color.white);

JLabel lNama=new JLabel("Nama Pengguna");

lNama.setBounds(636, 160, 180, 30);

lNama.setFont(new java.awt.Font("Calibri", 1, 22));

lNama.setForeground(Color.white);

btnTambah=new JButton("Tambah");

btnTambah.setBounds(1189,674, 150, 60);

btnTambah.setFont(new java.awt.Font("Calibri", 1, 21));

btnTambah.setForeground(Color.black);

btnTambah.setBackground(Color.white);

jtNama=new JTextField();

jtNama.setBounds(800, 160, 180, 30);

jtNama.setFont(new java.awt.Font("Tahoma", 0, 21));

jtNama.setForeground(Color.black);

btnSearch=new JButton("Cari");

btnSearch.setBounds(1001, 160, 120, 30);

btnSearch.setFont(new java.awt.Font("Calibri", 1, 21));

btnSearch.setForeground(Color.black);

btnSearch.setBackground(Color.white);

btnSimpan=new JButton("SIMPAN");

btnSimpan.setBounds(30, 500, 160, 30);

btnSimpan.setFont(new java.awt.Font("Calibri", 0, 21));

btnSimpan.setForeground(Color.black);

btnSimpan.setBackground(Color.white);

btnSimpan.addActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

System.out.println(getFormPengguna());

}

});

tblPengguna=new JTable(){

@Override

public boolean isCellEditable(int row, int column) {

return false;

}

};

tblPengguna.setBounds(431, 201, 909, 431);

tblPengguna.setFont(new java.awt.Font("Calibri", 0, 18));

tblPengguna.setForeground(Color.black);

tblPengguna.setBackground(Color.WHITE);

tblPengguna.setRowHeight(30);

tblPengguna.setBorder(BorderFactory.createLineBorder(Color.black, 1));

tblPengguna.setAutoResizeMode(JTable.AUTO\_RESIZE\_LAST\_COLUMN);

JScrollPane scrollPane = new JScrollPane(tblPengguna);

scrollPane.setBounds(431, 201, 909, 431);

add(lTitle);

add(lNama);

add(jtNama);

add(btnSearch);

add(btnTambah);

add(scrollPane);

add(bg);

setUndecorated(true);

setLayout(null);

setDefaultCloseOperation(DO\_NOTHING\_ON\_CLOSE);

setSize(1366,768);

setVisible(true);

}

public JComboBox getJcbBranch(){

return jcbBranch;

}

public JButton getbtnTambah(){

return btnTambah;

}

public JButton getbtnSearch(){

return btnSearch;

}

public JTextField getjtNama(){

return jtNama;

}

public JTable getTblPengguna(){

return tblPengguna;

}

public JTextField getId(){

return idPengguna;

}

public JTextField getNama(){

return namaPengguna;

}

public JTextField getAlamat(){

return alamat;

}

public JTextField getNohp(){

return noHpPengguna;

}

public JTextField getidBranch(){

return idBranch;

}

public void setFormPengguna(HashMap a){

idPengguna.setText(a.get("id\_user").toString());

namaPengguna.setText(a.get("nama\_user").toString());

alamat.setText(a.get("alamat").toString());

noHpPengguna.setText(a.get("ponsel").toString());

idBranch.setText(a.get("branch").toString());

}

public void setTablePengguna(ArrayList rows){

dtmPengguna=new DefaultTableModel();

dtmPengguna.setColumnCount(0);

dtmPengguna.addColumn("ID");

dtmPengguna.addColumn("Nama");

dtmPengguna.addColumn("Alamat");

dtmPengguna.addColumn("Ponsel");

dtmPengguna.addColumn("Penempatan");

dtmPengguna.addColumn("Jabatan");

dtmPengguna.addColumn("Password");

dtmPengguna.addColumn("User Update");

dtmPengguna.addColumn("Update At");

for (int i = 0; i < rows.size(); i++) {

HashMap row= (HashMap) rows.get(i);

dtmPengguna.addRow(new Object[]{row.get("id\_user"),row.get("nama\_user"),row.get("alamat"),row.get("ponsel"),row.get("branch"),row.get("jabatan"),"\*\*\*\*\*\*\*\*\*\*\*\*\*\*",row.get("user\_update"),row.get("update\_at")});

}

tblPengguna.setModel(dtmPengguna);

}

public HashMap getFormPengguna(){

HashMap hashMap=new HashMap();

if (idPengguna.getText().equals("")) {

Random rand = new Random();

int randomNum = rand.nextInt((10000 - 999) +1) + 999;

System.out.println(randomNum);

String kd="99"+randomNum;

hashMap.put("id\_user", Integer.valueOf(kd));

}else{

hashMap.put("id\_user", Integer.valueOf(idPengguna.getText()));

}

hashMap.put("nama\_user", namaPengguna.getText().toString());

hashMap.put("alamat", alamat.getText().toString());

hashMap.put("workplaces", idBranch.getText().toString());

hashMap.put("ponsel", noHpPengguna.getText().toString());

hashMap.put("jabatan", jabatan.getSelectedItem().toString());

hashMap.put("password", password.getText().toString());

hashMap.put("user\_update", getUserID());;

return hashMap;

}

public void showFormPengguna(){

fdisplay=new JFrame("DISPLAY PENGGUNA");

JLabel lidPengguna=new JLabel("ID Pengguna");

lidPengguna.setBounds(30, 20, 180, 30);

lidPengguna.setFont(new java.awt.Font("Calibri", 0, 21));

lidPengguna.setForeground(Color.white);

idPengguna=new JTextField();

idPengguna.setBounds(200, 20, 180, 30);

idPengguna.setFont(new java.awt.Font("Calibri", 0, 21));

idPengguna.setForeground(Color.black);

idPengguna.setBorder(BorderFactory.createLineBorder(Color.black, 1));

idPengguna.setEnabled(false);

JLabel lnamaPengguna=new JLabel("Nama Pengguna");

lnamaPengguna.setBounds(30, 80, 180, 30);

lnamaPengguna.setFont(new java.awt.Font("Calibri", 0, 21));

lnamaPengguna.setForeground(Color.white);

namaPengguna=new JTextField();

namaPengguna.setBounds(200, 80, 180, 30);

namaPengguna.setFont(new java.awt.Font("Calibri", 0, 21));

namaPengguna.setForeground(Color.black);

namaPengguna.setBorder(BorderFactory.createLineBorder(Color.black, 1));

JLabel lAlamatPengguna=new JLabel("Alamat");

lAlamatPengguna.setBounds(30, 140, 180, 30);

lAlamatPengguna.setFont(new java.awt.Font("Calibri", 0, 21));

lAlamatPengguna.setForeground(Color.white);

alamat=new JTextField();

alamat.setBounds(200, 140, 180, 30);

alamat.setFont(new java.awt.Font("Calibri", 0, 21));

alamat.setForeground(Color.black);

alamat.setBorder(BorderFactory.createLineBorder(Color.black, 1));

JLabel lNoHP=new JLabel("No Hp");

lNoHP.setBounds(30, 200, 180, 30);

lNoHP.setFont(new java.awt.Font("Calibri", 0, 21));

lNoHP.setForeground(Color.white);

noHpPengguna=new JTextField();

noHpPengguna.setBounds(200, 200, 180, 30);

noHpPengguna.setFont(new java.awt.Font("Calibri", 0, 21));

noHpPengguna.setForeground(Color.black);

noHpPengguna.setBorder(BorderFactory.createLineBorder(Color.black, 1));

noHpPengguna.addKeyListener(new KeyAdapter() {

public void keyPressed(KeyEvent ke) {

String value = noHpPengguna.getText();

int l = value.length();

if (ke.getKeyChar() >= '0' && ke.getKeyChar() <= '9' || ke.getKeyCode()==KeyEvent.VK\_BACK\_SPACE) {

noHpPengguna.setEditable(true);

} else {

noHpPengguna.setEditable(false);

}

}

});

JLabel lidBranch=new JLabel("ID Branch");

lidBranch.setBounds(30, 260, 130, 30);

lidBranch.setFont(new java.awt.Font("Calibri", 1, 22));

lidBranch.setForeground(Color.white);

idBranch=new JTextField("0");

idBranch.setEnabled(false);

idBranch.setBounds(200, 260, 180, 30);

idBranch.setFont(new java.awt.Font("Calibri", 1, 22));

idBranch.setForeground(Color.black);

idBranch.setBorder(BorderFactory.createLineBorder(Color.black, 1));

idBranch.setBorder(BorderFactory.createLineBorder(Color.black, 1));

JLabel lnamaBranch=new JLabel("Nama Branch");

lnamaBranch.setBounds(30, 320, 130, 30);

lnamaBranch.setFont(new java.awt.Font("Calibri", 1, 22));

lnamaBranch.setForeground(Color.white);

jcbBranch=new JComboBox();

jcbBranch.setBounds(200, 320, 180, 30);

jcbBranch.setFont(new java.awt.Font("Calibri", 1, 22));

jcbBranch.setForeground(Color.black);

jcbBranch.setBackground(Color.white);

jcbBranch.setBorder(BorderFactory.createLineBorder(Color.black, 1));

JLabel lJabatan=new JLabel("Jabatan");

lJabatan.setBounds(30, 380, 180, 30);

lJabatan.setFont(new java.awt.Font("Calibri", 0, 21));

lJabatan.setForeground(Color.white);

jabatan=new JComboBox();

jabatan.addItem("Pemilik");

jabatan.addItem("Gudang");

jabatan.addItem("Penjualan");

jabatan.addItem("Resign");

jabatan.setBounds(200, 380, 180, 30);

jabatan.setFont(new java.awt.Font("Calibri", 0, 21));

jabatan.setForeground(Color.black);

jabatan.setBackground(Color.white);

jabatan.setBorder(BorderFactory.createLineBorder(Color.black, 1));

JLabel lPassword=new JLabel("Password");

lPassword.setBounds(30, 440, 180, 30);

lPassword.setFont(new java.awt.Font("Calibri", 0, 21));

lPassword.setForeground(Color.white);

password=new JPasswordField();

password.setBounds(200, 440, 180, 30);

password.setFont(new java.awt.Font("Calibri", 0, 21));

password.setForeground(Color.black);

password.setBorder(BorderFactory.createLineBorder(Color.black, 1));

fdisplay.add(lidPengguna);

fdisplay.add(idPengguna);

fdisplay.add(lnamaPengguna);

fdisplay.add(namaPengguna);

fdisplay.add(lAlamatPengguna);

fdisplay.add(alamat);

fdisplay.add(lNoHP);

fdisplay.add(noHpPengguna);

fdisplay.add(lidBranch);

fdisplay.add(idBranch);

fdisplay.add(lnamaBranch);

fdisplay.add(jcbBranch);

fdisplay.add(lJabatan);

fdisplay.add(jabatan);

fdisplay.add(lPassword);

fdisplay.add(password);

fdisplay.add(btnSimpan);

fdisplay.add(bg);

fdisplay.setSize(450,600);

fdisplay.setLayout(null);

fdisplay.setVisible(true);

fdisplay.setDefaultCloseOperation(1);

}

public void btnSavePenggunaAddActionListener(ActionListener a){

btnSimpan.addActionListener(a);

}

}

1. View.vPesanan

package View;

import javax.swing.JLabel;

import com.toedter.calendar.JDateChooser;

import java.awt.Color;

import java.awt.Dimension;

import java.awt.event.ActionEvent;

import java.awt.event.ActionListener;

import java.awt.event.MouseEvent;

import java.awt.event.MouseListener;

import java.util.ArrayList;

import java.util.HashMap;

import java.util.Locale;

import javax.swing.BorderFactory;

import javax.swing.JButton;

import javax.swing.JFrame;

import javax.swing.JPanel;

import javax.swing.JScrollPane;

import javax.swing.JTable;

import javax.swing.table.DefaultTableModel;

/\*\*

\*

\* @author sonys

\*/

public class vPesanan extends vBackground{

JDateChooser chooser;

JTable tblPesanan;

JButton btnSearch,btnApprove;

JFrame fdisplay;

JLabel idPembeli,namaPembeli,total,noinvoice,tanggal;

JTable tblDetailPesanan;

DefaultTableModel dtmPesanan,dtmDetailPesanan;

public vPesanan(){

JLabel lTitle=new JLabel("Data Pesanan");

lTitle.setBounds(779, 50, 600, 100);

lTitle.setFont(new java.awt.Font("Calibri", 1, 36));

lTitle.setForeground(Color.white);

JLabel lTanggal=new JLabel("Tanggal");

lTanggal.setBounds(680, 130, 180, 30);

lTanggal.setFont(new java.awt.Font("Calibri", 1, 22));

lTanggal.setForeground(Color.white);

chooser = new JDateChooser();

chooser.setLocale(Locale.US);

chooser.setPreferredSize(new Dimension(150, 30));

chooser.setDateFormatString("yyyy-MM-dd");

chooser.setEnabled(true);

chooser.setFont(new java.awt.Font("Calibri", 1, 18));

chooser.setForeground(Color.black);

JPanel panel = new JPanel();

panel.add(chooser);

panel.setBounds(762, 125, 160, 40);

panel.setBackground(Color.black);

btnSearch=new JButton("Cari");

btnSearch.setBounds(923, 130, 160, 30);

btnSearch.setFont(new java.awt.Font("Calibri", 1, 21));

btnSearch.setForeground(Color.black);

btnSearch.setBackground(Color.white);

tblPesanan=new JTable(){

@Override

public boolean isCellEditable(int row, int column) {

return false;

}

};

btnApprove=new JButton("TERIMA");

btnApprove.setForeground(Color.black);

btnApprove.setFont(new java.awt.Font("Calibri", 1, 22));

btnApprove.setBounds(200,610, 170, 40);

btnApprove.setBackground(Color.WHITE);

btnApprove.addActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

}

});

tblPesanan.setBounds(431, 201, 909, 431);

tblPesanan.setFont(new java.awt.Font("Calibri", 0, 18));

tblPesanan.setForeground(Color.black);

tblPesanan.setBackground(Color.WHITE);

tblPesanan.setRowHeight(30);

tblPesanan.setBorder(BorderFactory.createLineBorder(Color.black, 1));

tblPesanan.setAutoResizeMode(JTable.AUTO\_RESIZE\_LAST\_COLUMN);

tblPesanan.addMouseListener(new MouseListener() {

@Override

public void mouseClicked(MouseEvent me) {

showDetailOrder();

noinvoice.setText(tblPesanan.getValueAt(tblPesanan.getSelectedRow(), 0).toString());

namaPembeli.setText( tblPesanan.getValueAt(tblPesanan.getSelectedRow(), 1).toString());

total.setText(tblPesanan.getValueAt(tblPesanan.getSelectedRow(), 2).toString());

tanggal.setText( tblPesanan.getValueAt(tblPesanan.getSelectedRow(), 3).toString());

if (tblPesanan.getValueAt(tblPesanan.getSelectedRow(), 4).toString().equals("Approve")) {

btnApprove.setEnabled(false);

}else{

btnApprove.setEnabled(true);

}

}

@Override

public void mousePressed(MouseEvent me) {

}

@Override

public void mouseReleased(MouseEvent me) {

}

@Override

public void mouseEntered(MouseEvent me) {

}

@Override

public void mouseExited(MouseEvent me) {

}

});

JScrollPane scrollPane = new JScrollPane(tblPesanan);

scrollPane.setBounds(431, 201, 909, 431);

scrollPane.setBackground(Color.WHITE);

add(lTanggal);

add(panel);

add(btnSearch);

add(scrollPane);

add(lTitle);

add(bg);

setUndecorated(true);

setLayout(null);

setDefaultCloseOperation(DO\_NOTHING\_ON\_CLOSE);

setSize(1366,768);

setVisible(true);

}

public void btnApproveAddActionListener(ActionListener a){

btnApprove.addActionListener(a);

}

public void setTableDetailOrder(ArrayList rows){

dtmDetailPesanan=new DefaultTableModel();

dtmDetailPesanan.setColumnCount(0);

dtmDetailPesanan.addColumn("No");

dtmDetailPesanan.addColumn("Nama Barang");

dtmDetailPesanan.addColumn("Harga");

dtmDetailPesanan.addColumn("Jumlah");

dtmDetailPesanan.addColumn("Subtotal");

for (int i = 0; i < rows.size(); i++) {

HashMap row= (HashMap) rows.get(i);

dtmDetailPesanan.addRow(new Object[]{i+1,row.get("nama\_barang"),row.get("harga\_jual"),row.get("jumlah"),row.get("subtotal")});

}

tblDetailPesanan.setModel(dtmDetailPesanan);

}

public void setTableBarang(ArrayList rows){

dtmPesanan=new DefaultTableModel();

dtmPesanan.setColumnCount(0);

dtmPesanan.addColumn("Invoice");

dtmPesanan.addColumn("Nama Pembeli");

dtmPesanan.addColumn("Total");

dtmPesanan.addColumn("Tanggal");

dtmPesanan.addColumn("Status");

dtmPesanan.addColumn("User Approve");

dtmPesanan.addColumn("Update At");

for (int i = 0; i < rows.size(); i++) {

HashMap row= (HashMap) rows.get(i);

dtmPesanan.addRow(new Object[]{row.get("id\_order"),row.get("nama\_pembeli"),row.get("total"),row.get("tanggal\_pesanan"),row.get("status"),row.get("user\_approve"),row.get("update\_at")});

}

tblPesanan.setModel(dtmPesanan);

}

public JTable getTablePesanan(){

return tblPesanan;

}

public String getTanggal(){

return new java.sql.Date(chooser.getDate().getTime()).toString();

}

public HashMap getApproveData(){

HashMap hashMap=new HashMap();

hashMap.put("userID", getUserID());

hashMap.put("invoice", noinvoice.getText());

return hashMap;

}

public void showDetailOrder(){

fdisplay=new JFrame("DISPLAY PENJUALAN");

JLabel lnamaPembeli=new JLabel("Nama Pembeli");

lnamaPembeli.setBounds(115, 40, 180, 30);

lnamaPembeli.setFont(new java.awt.Font("Calibri", 1, 22));

lnamaPembeli.setForeground(Color.white);

namaPembeli=new JLabel();

namaPembeli.setBounds(285, 40, 180, 30);

namaPembeli.setFont(new java.awt.Font("Calibri", 1, 22));

namaPembeli.setForeground(Color.white);

namaPembeli.setBorder(BorderFactory.createLineBorder(Color.black, 1));

JLabel ltotal=new JLabel("Total");

ltotal.setBounds(115, 100, 180, 30);

ltotal.setFont(new java.awt.Font("Calibri", 1, 22));

ltotal.setForeground(Color.white);

total=new JLabel("");

total.setBounds(285, 100, 180, 30);

total.setFont(new java.awt.Font("Calibri", 1, 22));

total.setForeground(Color.white);

total.setBorder(BorderFactory.createLineBorder(Color.black, 1));

JLabel lnoinvoice=new JLabel("No. Invoice");

lnoinvoice.setBounds(115, 160, 180, 30);

lnoinvoice.setFont(new java.awt.Font("Calibri", 1, 22));

lnoinvoice.setForeground(Color.white);

noinvoice=new JLabel();

noinvoice.setBounds(285, 160, 180, 30);

noinvoice.setFont(new java.awt.Font("Calibri", 1, 22));

noinvoice.setForeground(Color.white);

noinvoice.setBorder(BorderFactory.createLineBorder(Color.black, 1));

JLabel ltanggal=new JLabel("Tanggal");

ltanggal.setBounds(115, 220, 180, 30);

ltanggal.setFont(new java.awt.Font("Calibri", 1, 22));

ltanggal.setForeground(Color.white);

tanggal=new JLabel();

tanggal.setBounds(285, 220, 180, 30);

tanggal.setFont(new java.awt.Font("Calibri", 1, 22));

tanggal.setForeground(Color.white);

tanggal.setBorder(BorderFactory.createLineBorder(Color.black, 1));

tblDetailPesanan = new JTable(){

@Override

public boolean isCellEditable(int row, int column) {

return false;

}

};

tblDetailPesanan.setBounds(10, 240, 563,320);

tblDetailPesanan.setFont(new java.awt.Font("Calibri", 0, 18));

tblDetailPesanan.setForeground(Color.black);

tblDetailPesanan.setBackground(Color.WHITE);

tblDetailPesanan.setRowHeight(30);

tblDetailPesanan.setBorder(BorderFactory.createLineBorder(Color.black, 1));

tblDetailPesanan.setAutoResizeMode(JTable.AUTO\_RESIZE\_LAST\_COLUMN);

JScrollPane scrollPane = new JScrollPane(tblDetailPesanan);

scrollPane.setBounds(10, 320, 563,280);

fdisplay.add(scrollPane);

fdisplay.add(lnamaPembeli);

fdisplay.add(namaPembeli);

fdisplay.add(ltotal);

fdisplay.add(total);

fdisplay.add(lnoinvoice);

fdisplay.add(noinvoice);

fdisplay.add(ltanggal);

fdisplay.add(tanggal);

fdisplay.add(btnApprove);

fdisplay.add(bg);

fdisplay.setSize(600,700);

fdisplay.setLayout(null);

fdisplay.setVisible(true);

fdisplay.setDefaultCloseOperation(1);

fdisplay.setBackground(Color.WHITE);

}

public void btnSearchAddActionListener(ActionListener a){

btnSearch.addActionListener(a);

}

}

1. View.vSuplier

package View;

import java.awt.Color;

import static java.awt.Frame.MAXIMIZED\_BOTH;

import java.awt.event.ActionEvent;

import java.awt.event.ActionListener;

import java.awt.event.KeyAdapter;

import java.awt.event.KeyEvent;

import java.awt.event.MouseEvent;

import java.awt.event.MouseListener;

import java.util.ArrayList;

import java.util.HashMap;

import java.util.Random;

import javax.swing.BorderFactory;

import javax.swing.JButton;

import javax.swing.JFrame;

import javax.swing.JLabel;

import javax.swing.JScrollPane;

import javax.swing.JTable;

import javax.swing.JTextField;

import static javax.swing.WindowConstants.DO\_NOTHING\_ON\_CLOSE;

import javax.swing.table.DefaultTableModel;

/\*\*

\*

\* @author sonys

\*/

public class vSuplier extends vBackground{

JTable tblsuplier;

JButton btnTambah,jbsearchnama;

DefaultTableModel dtmSuplier;

JTextField jtnamasuplier;

JTextField idSuplier,namaSuplier,alamatSuplier,ponselSuplier;

JButton btnSaveSuplier;

public vSuplier(){

JLabel lTitle=new JLabel("Suplier");

lTitle.setBounds(750, 50, 600, 100);

lTitle.setFont(new java.awt.Font("Calibri", 1, 36));

lTitle.setForeground(Color.white);

tblsuplier=new JTable(){

@Override

public boolean isCellEditable(int row, int column) {

return false;

}

};

tblsuplier.setBounds(431, 201, 909, 431);

tblsuplier.setFont(new java.awt.Font("Calibri", 0, 18));

tblsuplier.setForeground(Color.black);

tblsuplier.setBackground(Color.WHITE);

tblsuplier.setRowHeight(30);

tblsuplier.setBorder(BorderFactory.createLineBorder(Color.black, 1));

tblsuplier.setAutoResizeMode(JTable.AUTO\_RESIZE\_LAST\_COLUMN);

tblsuplier.addMouseListener(new MouseListener() {

@Override

public void mouseClicked(MouseEvent me) {

formSuplier();

idSuplier.setText(tblsuplier.getValueAt(tblsuplier.getSelectedRow(), 0).toString());

namaSuplier.setText( tblsuplier.getValueAt(tblsuplier.getSelectedRow(), 1).toString());

alamatSuplier.setText(tblsuplier.getValueAt(tblsuplier.getSelectedRow(), 2).toString());

ponselSuplier.setText( tblsuplier.getValueAt(tblsuplier.getSelectedRow(), 3).toString());

}

@Override

public void mousePressed(MouseEvent me) {

}

@Override

public void mouseReleased(MouseEvent me) {

}

@Override

public void mouseEntered(MouseEvent me) {

}

@Override

public void mouseExited(MouseEvent me) {

}

});

JLabel lnamasuplier=new JLabel("Nama Suplier");

lnamasuplier.setBounds(636, 160, 180, 30);

lnamasuplier.setFont(new java.awt.Font("Calibri", 1, 22));

lnamasuplier.setForeground(Color.white);

jtnamasuplier=new JTextField();

jtnamasuplier.setBounds(800, 160, 180, 30);

jtnamasuplier.setFont(new java.awt.Font("Calibri", 0, 21));

jtnamasuplier.setForeground(Color.black);

jtnamasuplier.setBorder(BorderFactory.createLineBorder(Color.black, 1));

jbsearchnama=new JButton("SEARCH");

jbsearchnama.setBounds(1001, 160, 120, 30);

jbsearchnama.setFont(new java.awt.Font("Calibri", 0, 21));

jbsearchnama.setForeground(Color.black);

jbsearchnama.setBackground(Color.white);

jbsearchnama.setBorder(BorderFactory.createLineBorder(Color.black, 1));

btnTambah=new JButton("TAMBAH");

btnTambah.setBounds(1189,674, 150, 60);

btnTambah.setForeground(Color.black);

btnTambah.setFont(new java.awt.Font("Calibri", 1, 22));

btnTambah.setBackground(Color.white);

btnTambah.addActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

formSuplier();

}

});

JScrollPane scrollPane = new JScrollPane(tblsuplier);

scrollPane.setBounds(431, 201, 909, 431);

btnSaveSuplier= new JButton("SIMPAN");

btnSaveSuplier.setBounds(110, 300, 160, 50);

btnSaveSuplier.setForeground(Color.black);

btnSaveSuplier.setFont(new java.awt.Font("Calibri", 1, 22));

btnSaveSuplier.setBackground(Color.white);

btnSaveSuplier.addActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

System.out.println(getFormSuplier());

}

});

add(scrollPane);

add(lnamasuplier);

add(jtnamasuplier);

add(jbsearchnama);

add(btnTambah);

add(lTitle);

add(bg);

setUndecorated(true);

setLayout(null);

setDefaultCloseOperation(DO\_NOTHING\_ON\_CLOSE);

setSize(1366,768);

setVisible(true);

}

public void btnSearchAddActionListener(ActionListener a){

jbsearchnama.addActionListener(a);

}

public String getJTNamaSuplier(){

return jtnamasuplier.getText();

}

public void setTableSuplier(ArrayList rows){

dtmSuplier=new DefaultTableModel();

dtmSuplier.setColumnCount(0);

dtmSuplier.addColumn("ID");

dtmSuplier.addColumn("Nama");

dtmSuplier.addColumn("Alamat");

dtmSuplier.addColumn("Ponsel");

dtmSuplier.addColumn("User Update");

dtmSuplier.addColumn("Update At");

for (int i = 0; i < rows.size(); i++) {

HashMap row= (HashMap) rows.get(i);

dtmSuplier.addRow(new Object[]{row.get("id\_suplier"),row.get("nama\_suplier"),row.get("alamat"),row.get("ponsel"),row.get("user\_update"),row.get("update\_at")});

}

tblsuplier.setModel(dtmSuplier);

}

public HashMap getFormSuplier(){

HashMap hashMap=new HashMap();

if (idSuplier.getText().equals("")) {

Random rand = new Random();

int randomNum = rand.nextInt((10000 - 999) +1) + 999;

System.out.println(randomNum);

String kd="11"+randomNum;

hashMap.put("id\_suplier", Integer.valueOf(kd));

}else{

hashMap.put("id\_suplier", Integer.valueOf(idSuplier.getText()));

}

hashMap.put("nama\_suplier", namaSuplier.getText().toString());

hashMap.put("alamat", alamatSuplier.getText().toString());

hashMap.put("ponsel", ponselSuplier.getText().toString());

hashMap.put("user\_update", getUserID());;

return hashMap;

}

public void formSuplier(){

JFrame formSuplier=new JFrame("FORM ENTRY SUPLIER ");

JLabel lksuplier=new JLabel("ID Suplier ");

lksuplier.setBounds(15, 20, 130, 30);

lksuplier.setFont(new java.awt.Font("Calibri", 1, 22));

lksuplier.setForeground(Color.white);

idSuplier=new JTextField();

idSuplier.setBounds(210, 20, 160, 30);

idSuplier.setFont(new java.awt.Font("Calibri", 1, 22));

idSuplier.setForeground(Color.black);

idSuplier.setBorder(BorderFactory.createLineBorder(Color.black, 1));

idSuplier.setEditable(false);

JLabel lsuplier=new JLabel("Nama Suplier");

lsuplier.setBounds(15, 95, 130, 30);

lsuplier.setFont(new java.awt.Font("Calibri", 1, 22));

lsuplier.setForeground(Color.white);

namaSuplier=new JTextField();

namaSuplier.setBounds(210, 95, 160, 30);

namaSuplier.setFont(new java.awt.Font("Calibri", 0, 21));

namaSuplier.setForeground(Color.black);

JLabel lalamat=new JLabel("Alamat ");

lalamat.setBounds(15, 170, 130, 30);

lalamat.setFont(new java.awt.Font("Calibri", 1, 22));

lalamat.setForeground(Color.white);

alamatSuplier=new JTextField();

alamatSuplier.setBounds(210, 170, 160, 30);

alamatSuplier.setFont(new java.awt.Font("Calibri", 1, 22));

alamatSuplier.setForeground(Color.black);

alamatSuplier.setBorder(BorderFactory.createLineBorder(Color.black, 1));

JLabel lnohp=new JLabel("Nomor HP ");

lnohp.setBounds(15, 245, 130, 30);

lnohp.setFont(new java.awt.Font("Calibri", 1, 22));

lnohp.setForeground(Color.white);

ponselSuplier=new JTextField();

ponselSuplier.setBounds(210, 245, 160, 30);

ponselSuplier.setFont(new java.awt.Font("Calibri", 0, 20));

ponselSuplier.setForeground(Color.black);

ponselSuplier.addKeyListener(new KeyAdapter() {

public void keyPressed(KeyEvent ke) {

String value = ponselSuplier.getText();

int l = value.length();

if (ke.getKeyChar() >= '0' && ke.getKeyChar() <= '9' || ke.getKeyCode()==KeyEvent.VK\_BACK\_SPACE) {

ponselSuplier.setEditable(true);

} else {

ponselSuplier.setEditable(false);

}

}

});

formSuplier.add(lksuplier);

formSuplier.add(idSuplier);

formSuplier.add(lsuplier);

formSuplier.add(namaSuplier);

formSuplier.add(lalamat);

formSuplier.add(alamatSuplier);

formSuplier.add(lnohp);

formSuplier.add(ponselSuplier);

formSuplier.add(btnSaveSuplier);

formSuplier.add(bg);

formSuplier.setSize(400,400);

formSuplier.setLayout(null);

formSuplier.setVisible(true);

formSuplier.setDefaultCloseOperation(1);

}

public void btnSaveSuplierAddActionListener(ActionListener a){

btnSaveSuplier.addActionListener(a);

}

}

1. admin.gudang.Home

package admin.gudang;

import java.sql.SQLException;

/\*\*

\*

\* @author sonys

\*/

public class Home {

/\*\*

\* @param args the command line arguments

\*/

public static void main(String[] args) throws SQLException {

MainController controller=new MainController();

}

1. admin.gudang.Ltime

package admin.gudang;

import java.awt.event.ActionEvent;

import java.awt.event.ActionListener;

import java.text.SimpleDateFormat;

import java.util.Date;

import javax.swing.JLabel;

import javax.swing.Timer;

/\*\*

\*

\* @author sonys

\*/

public class Ltime extends JLabel implements ActionListener {

private SimpleDateFormat format;

private Timer timer;

private Date date;

public Ltime() {

timer = new Timer(1000, this);

format = new SimpleDateFormat("dd MMMM yyyy, HH:m:ss");

date = new Date();

timer.start();

}

@Override

public void actionPerformed(ActionEvent e) {

date.setTime(System.currentTimeMillis());

this.setText(format.format(date));

}

}

1. admin.gudang.MainController

package admin.gudang;

import Model.mBarang;

import Model.mBranch;

import Model.mBranchStok;

import Model.mDetailOrder;

import Model.mNotification;

import Model.mOrder;

import Model.mPengguna;

import Model.mSuplier;

import View.vBarang;

import View.vBranch;

import View.vLaporan;

import View.vLogin;

import View.vPengguna;

import View.vPesanan;

import View.vSuplier;

import java.awt.event.ActionEvent;

import java.awt.event.ActionListener;

import java.awt.event.ItemEvent;

import java.awt.event.ItemListener;

import java.awt.event.MouseEvent;

import java.awt.event.MouseListener;

import java.sql.SQLException;

import java.text.SimpleDateFormat;

import java.util.ArrayList;

import java.util.Date;

import java.util.HashMap;

import java.util.Random;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.swing.JOptionPane;

/\*\*

\*

\* @author sonys

\*/

public class MainController {

boolean login;

String nama;

String userid;

String jabatan;

public MainController(){

vLogin vlogin=new vLogin();

vlogin.btnLoginAddActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

boolean login=false;

try {

for (int i = 0; i < new mPengguna().getPengguna().size(); i++) {

HashMap hm=(HashMap) new mPengguna().getPengguna().get(i);

if (vlogin.getUsername().equals(hm.get("id\_user").toString())&&vlogin.getPassword().equals(hm.get("password").toString())) {

nama=hm.get("nama\_user").toString();

userid=hm.get("id\_user").toString();

jabatan=hm.get("jabatan").toString();

login=true;

break;

}

}

} catch (SQLException ex) {

Logger.getLogger(MainController.class.getName()).log(Level.SEVERE, null, ex);

}

if (login) {

if (jabatan.equals("Gudang")|| jabatan.equals("Pemilik")) {

JOptionPane.showMessageDialog(null, "LOGIN BERHASIL");

vlogin.dispose();

controllerBarang();

}else{

login=false;

JOptionPane.showMessageDialog(null, "Maaf Anda Tidak Memiliki Hak Akses");

vlogin.dispose();

}

}

else{

login=false;

JOptionPane.showMessageDialog(null, "LOGIN GAGAL");

vlogin.dispose();

}

}

});

}

public void controllerBarang(){

vBarang vbarang=new vBarang();

vbarang.setUserData(nama, userid);

try {

vbarang.setTableBarang(new mBarang().getBarang());

vbarang.setjcbSuplier(new mSuplier().getSuplier());

vbarang.getTable().addMouseListener(new MouseListener() {

@Override

public void mouseClicked(MouseEvent me) {

try {

vbarang.showFormBarang();

HashMap hm= (HashMap) new mBarang().getBarangbyID(Integer.valueOf(vbarang.getTable().getValueAt(vbarang.getTable().getSelectedRow(), 0).toString())).get(0);

vbarang.setFormBarang(hm);

System.out.println(hm);

} catch (SQLException ex) {

Logger.getLogger(MainController.class.getName()).log(Level.SEVERE, null, ex);

}

}

@Override

public void mousePressed(MouseEvent me) {

// new UnsupportedOperationException("Not supported yet."); //To change body of generated methods, choose Tools | Templates.

}

@Override

public void mouseReleased(MouseEvent me) {

//throw new UnsupportedOperationException("Not supported yet."); //To change body of generated methods, choose Tools | Templates.

}

@Override

public void mouseEntered(MouseEvent me) {

//throw new UnsupportedOperationException("Not supported yet."); //To change body of generated methods, choose Tools | Templates.

}

@Override

public void mouseExited(MouseEvent me) {

}

});

vbarang.getSuplier().addActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

try {

HashMap idsuplier=(HashMap) new mSuplier().getSuplierbyName(vbarang.getSuplier().getSelectedItem().toString()).get(0);

vbarang.setIDSuplier(idsuplier.get("id\_suplier").toString());

} catch (SQLException ex) {

Logger.getLogger(MainController.class.getName()).log(Level.SEVERE, null, ex);

}

}

});

} catch (SQLException ex) {

Logger.getLogger(MainController.class.getName()).log(Level.SEVERE, null, ex);

}

vbarang.postNotification(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

new mNotification().insertNotification(vbarang.getFormNotif());

}

});

vbarang.btnSimpanAddActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

boolean update=false;

boolean formValid=true;

HashMap barang=vbarang.getForm();

if (barang.get("nama\_barang").toString().equals("")) {

JOptionPane.showMessageDialog( null, "Nama Barang Kosong", "Error", JOptionPane.ERROR\_MESSAGE);

formValid=false;

}else if (Integer.valueOf(barang.get("stok").toString())<=0) {

JOptionPane.showMessageDialog( null, "Stok Invalid", "Error", JOptionPane.ERROR\_MESSAGE);

formValid=false;

}else if (Integer.valueOf(barang.get("harga\_beli").toString())<=0) {

JOptionPane.showMessageDialog( null, "Harga Beli Invalid", "Error", JOptionPane.ERROR\_MESSAGE);

formValid=false;

}else if (Integer.valueOf(barang.get("harga\_jual").toString())<=0) {

JOptionPane.showMessageDialog( null, "Harga Jual Invalid", "Error", JOptionPane.ERROR\_MESSAGE);

formValid=false;

}else if (Integer.valueOf(barang.get("id\_suplier").toString())<=0) {

JOptionPane.showMessageDialog( null, "Suplier Belum Dipilih", "Error", JOptionPane.ERROR\_MESSAGE);

formValid=false;

}else if (Integer.valueOf(barang.get("harga\_jual").toString())<=Integer.valueOf(barang.get("harga\_beli").toString())) {

JOptionPane.showMessageDialog( null, "H.Jual Lebih Kecil dari H.Beli", "Error", JOptionPane.ERROR\_MESSAGE);

formValid=false;

}else{

try {

ArrayList arrbarang=new mBarang().getBarang();

for (int i = 0; i < arrbarang.size(); i++) {

HashMap hmbarang= (HashMap) arrbarang.get(i);

if (hmbarang.get("id\_barang").toString().equals(barang.get("id\_barang").toString())) {

update=true;

// System.out.println("sama");

break;

}

}

} catch (SQLException ex) {

System.out.println("Gagal");

Logger.getLogger(MainController.class.getName()).log(Level.SEVERE, null, ex);

}

}

if (update==true&&formValid==true) {

new mBarang().updatetBarang(barang);

new mBranchStok().updateStok("77123321", barang.get("id\_barang").toString(), Integer.valueOf(barang.get("stok").toString()));

}else if (update==false&&formValid==true) {

try {

new mBarang().insertBarang(barang);

for (int i = 0; i < new mBranch().getBranch().size(); i++) {

HashMap tp=(HashMap) new mBranch().getBranch().get(i);

if (tp.get("id").toString()!="77123321") {

new mBranchStok().declaration(barang.get("id\_barang").toString(), tp.get("id").toString());

}

new mBranchStok().updateStok("77123321", barang.get("id\_barang").toString(), Integer.valueOf(barang.get("stok").toString()));

}

} catch (SQLException ex) {

Logger.getLogger(MainController.class.getName()).log(Level.SEVERE, null, ex);

}

}

try {

vbarang.setTableBarang(new mBarang().getBarang());

} catch (SQLException ex) {

Logger.getLogger(MainController.class.getName()).log(Level.SEVERE, null, ex);

}

}

});

vbarang.btnSearchAddActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

try {

vbarang.setTableBarang(new mBarang().getBarangbyName(vbarang.getSearchField()));

} catch (SQLException ex) {

Logger.getLogger(MainController.class.getName()).log(Level.SEVERE, null, ex);

}

}

});

vbarang.btnPesananAddActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

vbarang.dispose();

controllerPesanan();

}

});

vbarang.btnCabangAddActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

vbarang.dispose();

controllerCabang();

}

});

vbarang.btnPenggunaAddActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

vbarang.dispose();

controllerPengguna();

}

});

vbarang.btnSuplierAddActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

vbarang.dispose();

controllerSuplier();

}

});

vbarang.btnLaporanAddActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

vbarang.dispose();

controllerLaporan();

}

});

}

public void controllerPesanan(){

vPesanan vpesan=new vPesanan();

vpesan.setUserData(nama, userid);

try {

Date date = new Date();//Get system time

SimpleDateFormat sdf = new SimpleDateFormat("yyyy-MM-dd");

String nowTime = sdf.format(date);

vpesan.setTableBarang(new mOrder().getOrder(nowTime));

} catch (SQLException ex) {

Logger.getLogger(MainController.class.getName()).log(Level.SEVERE, null, ex);

}

vpesan.postNotification(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

new mNotification().insertNotification(vpesan.getFormNotif());

}

});

vpesan.getTablePesanan().addMouseListener(new MouseListener() {

@Override

public void mouseClicked(MouseEvent me) {

try {

vpesan.setTableDetailOrder(new mDetailOrder().getDetailOrder(vpesan.getTablePesanan().getValueAt(vpesan.getTablePesanan().getSelectedRow(), 0).toString()));

} catch (SQLException ex) {

Logger.getLogger(MainController.class.getName()).log(Level.SEVERE, null, ex);

}

}

@Override

public void mousePressed(MouseEvent me) {

}

@Override

public void mouseReleased(MouseEvent me) {

}

@Override

public void mouseEntered(MouseEvent me) {

}

@Override

public void mouseExited(MouseEvent me) {

}

});

vpesan.btnApproveAddActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

//throw new UnsupportedOperationException("Not supported yet."); //To change body of generated methods, choose Tools | Templates.

mOrder order =new mOrder();

int opsi = JOptionPane.showConfirmDialog(null, "Terima Pesanan ?", "Konfirmasi", JOptionPane.YES\_NO\_OPTION);

if (opsi == JOptionPane.YES\_OPTION){

try {

for (int i = 0; i < new mDetailOrder().getDetailOrder(vpesan.getTablePesanan().getValueAt(vpesan.getTablePesanan().getSelectedRow(), 0).toString()).size(); i++) {

HashMap tp= (HashMap) new mDetailOrder().getDetailOrder(vpesan.getTablePesanan().getValueAt(vpesan.getTablePesanan().getSelectedRow(), 0).toString()).get(i);

new mBranchStok().tambahStok(tp.get("id\_order").toString(), tp.get("idbarang").toString(), Integer.parseInt(tp.get("jumlah").toString()));

new mBranchStok().kurangStok(tp.get("idbarang").toString(), Integer.parseInt(tp.get("jumlah").toString()));

}

} catch (SQLException ex) {

Logger.getLogger(MainController.class.getName()).log(Level.SEVERE, null, ex);

}

order.approveOrder(Integer.valueOf(vpesan.getApproveData().get("userID").toString()),Integer.valueOf( vpesan.getApproveData().get("invoice").toString()));

try {

Date date = new Date();//Get system time

SimpleDateFormat sdf = new SimpleDateFormat("yyyy-MM-dd");

String nowTime = sdf.format(date);

vpesan.setTableBarang(new mOrder().getOrder(nowTime));

} catch (SQLException ex) {

Logger.getLogger(MainController.class.getName()).log(Level.SEVERE, null, ex);

}

}else

JOptionPane.showMessageDialog(null, "Dibatalkan");

}

});

vpesan.btnSearchAddActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

try {

vpesan.setTableBarang(new mOrder().getOrder(vpesan.getTanggal()));

} catch (SQLException ex) {

Logger.getLogger(MainController.class.getName()).log(Level.SEVERE, null, ex);

}

}

});

vpesan.btnBarangAddActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

vpesan.dispose();

controllerBarang();

}

});

vpesan.btnPenggunaAddActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

vpesan.dispose();

controllerPengguna();

}

});

vpesan.btnSuplierAddActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

vpesan.dispose();

controllerSuplier();

}

});

vpesan.btnCabangAddActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

vpesan.dispose();

controllerCabang();

}

});

vpesan.btnLaporanAddActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

vpesan.dispose();

controllerLaporan();

}

});

}

public void controllerPengguna(){

vPengguna vpengguna=new vPengguna();

vpengguna.setUserData(nama, userid);

try {

vpengguna.setTablePengguna(new mPengguna().getPengguna());

} catch (SQLException ex) {

Logger.getLogger(MainController.class.getName()).log(Level.SEVERE, null, ex);

}

vpengguna.postNotification(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

new mNotification().insertNotification(vpengguna.getFormNotif());

}

});

vpengguna.getTblPengguna().addMouseListener(new MouseListener() {

@Override

public void mouseClicked(MouseEvent me) {

vpengguna.showFormPengguna();

try {

for (int i = 0; i < new mBranch().getBranch().size(); i++) {

HashMap tmp=(HashMap) new mBranch().getBranch().get(i);

vpengguna.getJcbBranch().addItem(tmp.get("nama\_cabang"));

}

} catch (SQLException ex) {

Logger.getLogger(MainController.class.getName()).log(Level.SEVERE, null, ex);

}

vpengguna.getId().setText(vpengguna.getTblPengguna().getValueAt(vpengguna.getTblPengguna().getSelectedRow(), 0).toString());

vpengguna.getNama().setText( vpengguna.getTblPengguna().getValueAt(vpengguna.getTblPengguna().getSelectedRow(), 1).toString());

vpengguna.getAlamat().setText(vpengguna.getTblPengguna().getValueAt(vpengguna.getTblPengguna().getSelectedRow(), 2).toString());

vpengguna.getNohp().setText( vpengguna.getTblPengguna().getValueAt(vpengguna.getTblPengguna().getSelectedRow(), 3).toString());

vpengguna.getJcbBranch().addActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

try {

HashMap cbg=(HashMap) new mBranch().getBranchbyName(vpengguna.getJcbBranch().getSelectedItem().toString()).get(0);

vpengguna.getidBranch().setText(cbg.get("id").toString());

} catch (SQLException ex) {

Logger.getLogger(MainController.class.getName()).log(Level.SEVERE, null, ex);

}

}

});

// vpengguna.getidBranch().setText( vpengguna.getTblPengguna().getValueAt(vpengguna.getTblPengguna().getSelectedRow(), 4).toString());

}

@Override

public void mousePressed(MouseEvent me) {

}

@Override

public void mouseReleased(MouseEvent me) {

}

@Override

public void mouseEntered(MouseEvent me) {

}

@Override

public void mouseExited(MouseEvent me) {

}

});

vpengguna.getbtnSearch().addActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

try {

vpengguna.setTablePengguna(new mPengguna().getPenggunabyName(vpengguna.getjtNama().getText().toString()));

} catch (SQLException ex) {

Logger.getLogger(MainController.class.getName()).log(Level.SEVERE, null, ex);

}

}

});

vpengguna.getbtnTambah().addActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

vpengguna.showFormPengguna();

try {

for (int i = 0; i < new mBranch().getBranch().size(); i++) {

HashMap tmp=(HashMap) new mBranch().getBranch().get(i);

vpengguna.getJcbBranch().addItem(tmp.get("nama\_cabang"));

}

} catch (SQLException ex) {

Logger.getLogger(MainController.class.getName()).log(Level.SEVERE, null, ex);

}

vpengguna.getJcbBranch().addActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

try {

HashMap cbg=(HashMap) new mBranch().getBranchbyName(vpengguna.getJcbBranch().getSelectedItem().toString()).get(0);

vpengguna.getidBranch().setText(cbg.get("id").toString());

} catch (SQLException ex) {

Logger.getLogger(MainController.class.getName()).log(Level.SEVERE, null, ex);

}

}

});

}

});

vpengguna.btnSavePenggunaAddActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

// throw new UnsupportedOperationException("Not supported yet."); //To change body of generated methods, choose Tools | Templates.

HashMap hm=vpengguna.getFormPengguna();

boolean update=false;

boolean exc= true;

if (hm.get("nama\_user").toString().equals("")) {

JOptionPane.showMessageDialog( null, "Nama Tidak Boleh Kosong", "Error", JOptionPane.ERROR\_MESSAGE);

exc= false;

}else if (hm.get("alamat").toString().equals("")) {

JOptionPane.showMessageDialog( null, "Alamat Tidak Boleh Kosng", "Error", JOptionPane.ERROR\_MESSAGE);

exc= false;

}else if (hm.get("ponsel").toString().equals("")) {

JOptionPane.showMessageDialog( null, "Ponsel Tidak Boleh Kosong", "Error", JOptionPane.ERROR\_MESSAGE);

exc= false;

}else if (hm.get("jabatan").toString().equals("")) {

JOptionPane.showMessageDialog( null, "Jabatan Belum Dipilih", "Error", JOptionPane.ERROR\_MESSAGE);

exc= false;

}else if (hm.get("password").toString().equals("")) {

JOptionPane.showMessageDialog( null, "Password Tidak Boleh Kosong", "Error", JOptionPane.ERROR\_MESSAGE);

exc= false;

}

if (exc==true) {

try {

for (int i = 0; i < new mPengguna().getPengguna().size(); i++) {

HashMap pengguna=(HashMap) new mPengguna().getPengguna().get(i);

if (pengguna.get("id\_user").toString().equals(hm.get("id\_user").toString())) {

update =true;

}

}

} catch (SQLException ex) {

Logger.getLogger(MainController.class.getName()).log(Level.SEVERE, null, ex);

}

}

if (exc==true && update==false) {

try {

new mPengguna().insertPengguna(hm);

vpengguna.setTablePengguna(new mPengguna().getPengguna());

} catch (SQLException ex) {

Logger.getLogger(MainController.class.getName()).log(Level.SEVERE, null, ex);

}

}else if (exc==true && update==true) {

new mPengguna().updatePengguna(hm);

try {

vpengguna.setTablePengguna(new mPengguna().getPengguna());

} catch (SQLException ex) {

Logger.getLogger(MainController.class.getName()).log(Level.SEVERE, null, ex);

}

}

}

});

vpengguna.btnBarangAddActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

vpengguna.dispose();

controllerBarang();

}

});

vpengguna.btnCabangAddActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

vpengguna.dispose();

controllerCabang();

}

});

vpengguna.btnPesananAddActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

vpengguna.dispose();

controllerPesanan();

}

});

vpengguna.btnSuplierAddActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

vpengguna.dispose();

controllerSuplier();

}

});

vpengguna.btnLaporanAddActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

vpengguna.dispose();

controllerLaporan();

}

});

}

public void controllerSuplier(){

vSuplier vSuplier=new vSuplier();

vSuplier.setUserData(nama, userid);

try {

vSuplier.setTableSuplier(new mSuplier().getSuplier());

} catch (SQLException ex) {

Logger.getLogger(MainController.class.getName()).log(Level.SEVERE, null, ex);

}

vSuplier.postNotification(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

new mNotification().insertNotification(vSuplier.getFormNotif());

}

});

vSuplier.btnSearchAddActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

try {

vSuplier.setTableSuplier(new mSuplier().getSuplierbyName(vSuplier.getJTNamaSuplier()));

} catch (SQLException ex) {

Logger.getLogger(MainController.class.getName()).log(Level.SEVERE, null, ex);

}

}

});

vSuplier.btnSaveSuplierAddActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

// throw new UnsupportedOperationException("Not supported yet."); //To change body of generated methods, choose Tools | Templates.

HashMap hm=vSuplier.getFormSuplier();

boolean update=false;

boolean exc= true;

if (hm.get("nama\_suplier").toString().equals("")) {

JOptionPane.showMessageDialog( null, "Nama Tidak Boleh Kosong", "Error", JOptionPane.ERROR\_MESSAGE);

exc= false;

}else if (hm.get("alamat").toString().equals("")) {

JOptionPane.showMessageDialog( null, "Alamat Tidak Boleh Kosng", "Error", JOptionPane.ERROR\_MESSAGE);

exc= false;

}else if (hm.get("ponsel").toString().equals("")) {

JOptionPane.showMessageDialog( null, "Ponsel Tidak Boleh Kosong", "Error", JOptionPane.ERROR\_MESSAGE);

exc= false;

}

if (exc==true) {

try {

for (int i = 0; i < new mSuplier().getSuplier().size(); i++) {

HashMap suplier=(HashMap) new mSuplier().getSuplier().get(i);

if (suplier.get("id\_suplier").toString().equals(hm.get("id\_suplier").toString())) {

update =true;

}

}

} catch (SQLException ex) {

Logger.getLogger(MainController.class.getName()).log(Level.SEVERE, null, ex);

}

}

if (exc==true && update==false) {

try {

new mSuplier().insertSuplier(hm);

vSuplier.setTableSuplier(new mSuplier().getSuplier());

} catch (SQLException ex) {

Logger.getLogger(MainController.class.getName()).log(Level.SEVERE, null, ex);

}

}else if (exc==true && update==true) {

new mSuplier().updateSuplier(hm);

try {

vSuplier.setTableSuplier(new mSuplier().getSuplier());

} catch (SQLException ex) {

Logger.getLogger(MainController.class.getName()).log(Level.SEVERE, null, ex);

}

}

}

});

vSuplier.btnBarangAddActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

vSuplier.dispose();

controllerBarang();

}

});

vSuplier.btnPesananAddActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

vSuplier.dispose();

controllerPesanan();

}

});

vSuplier.btnCabangAddActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

vSuplier.dispose();

controllerCabang();

}

});

vSuplier.btnPenggunaAddActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

vSuplier.dispose();

controllerPengguna();

}

});

vSuplier.btnLaporanAddActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

vSuplier.dispose();

controllerLaporan();

}

});

}

public void controllerLaporan(){

vLaporan vlaporan=new vLaporan();

vlaporan.setUserData(nama, userid);

vlaporan.btnSearchAddActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

// System.out.println("OKOK");

if (vlaporan.getKriteria().toString().equals("Pemasukan")) {

System.out.println("Pemasukan");

try {

vlaporan.setTableLaporanPemasukan(new mOrder().getOrder(vlaporan.getParameter()));

} catch (SQLException ex) {

Logger.getLogger(MainController.class.getName()).log(Level.SEVERE, null, ex);

System.out.println(ex);

}

}else if (vlaporan.getKriteria().toString().equals("Sisa Barang")) {

System.out.println("Sisa Barang");

try {

vlaporan.setTableLaporanBarang(new mBarang().getBarang());

} catch (SQLException ex) {

Logger.getLogger(MainController.class.getName()).log(Level.SEVERE, null, ex);

System.out.println(ex);

}

}

}

});

vlaporan.postNotification(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

new mNotification().insertNotification(vlaporan.getFormNotif());

}

});

vlaporan.btnBarangAddActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

vlaporan.dispose();

controllerBarang();

}

});

vlaporan.btnPesananAddActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

vlaporan.dispose();

controllerPesanan();

}

});

vlaporan.btnCabangAddActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

vlaporan.dispose();

controllerCabang();

}

});

vlaporan.btnSuplierAddActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

vlaporan.dispose();

controllerSuplier();

}

});

vlaporan.btnPenggunaAddActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

vlaporan.dispose();

controllerPengguna();

}

});

}

public void controllerCabang(){

vBranch vbranch=new vBranch();

vbranch.setUserData(nama, userid);

try {

vbranch.setTableCabang(new mBranch().getBranch());

} catch (SQLException ex) {

Logger.getLogger(MainController.class.getName()).log(Level.SEVERE, null, ex);

}

vbranch.getBtnAdd().addActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

vbranch.showFormCabang();

try {

for (int i = 0; i < new mPengguna().getPengguna().size(); i++) {

HashMap hm= (HashMap) new mPengguna().getPengguna().get(i);

vbranch.getJcbUsers().addItem(hm.get("nama\_user").toString());

}

} catch (SQLException ex) {

Logger.getLogger(MainController.class.getName()).log(Level.SEVERE, null, ex);

}

vbranch.getJcbUsers().addActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

try {

HashMap hm= (HashMap) new mPengguna().getPenggunabyName(vbranch.getJcbUsers().getSelectedItem().toString()).get(0);

vbranch.getIdPenanggungJawab().setText(hm.get("id\_user").toString());

} catch (SQLException ex) {

Logger.getLogger(MainController.class.getName()).log(Level.SEVERE, null, ex);

}

}

});

}

});

vbranch.getBtnSearch().addActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

}

});

vbranch.getTblBranch().addMouseListener(new MouseListener() {

@Override

public void mouseClicked(MouseEvent me) {

vbranch.showFormCabang();

vbranch.getIdCabang().setText(vbranch.getTblBranch().getValueAt(vbranch.getTblBranch().getSelectedRow(), 0).toString());

vbranch.getNamaCabang().setText(vbranch.getTblBranch().getValueAt(vbranch.getTblBranch().getSelectedRow(), 1).toString());

vbranch.getAlamat().setText(vbranch.getTblBranch().getValueAt(vbranch.getTblBranch().getSelectedRow(), 2).toString());

vbranch.getTelepon().setText(vbranch.getTblBranch().getValueAt(vbranch.getTblBranch().getSelectedRow(), 3).toString());

vbranch.getIdPenanggungJawab().setText(vbranch.getTblBranch().getValueAt(vbranch.getTblBranch().getSelectedRow(), 4).toString());

try {

for (int i = 0; i < new mPengguna().getPengguna().size(); i++) {

HashMap hm= (HashMap) new mPengguna().getPengguna().get(i);

vbranch.getJcbUsers().addItem(hm.get("nama\_user").toString());

}

} catch (SQLException ex) {

Logger.getLogger(MainController.class.getName()).log(Level.SEVERE, null, ex);

}

vbranch.getJcbUsers().addActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

try {

HashMap hm= (HashMap) new mPengguna().getPenggunabyName(vbranch.getJcbUsers().getSelectedItem().toString()).get(0);

vbranch.getIdPenanggungJawab().setText(hm.get("id\_user").toString());

} catch (SQLException ex) {

Logger.getLogger(MainController.class.getName()).log(Level.SEVERE, null, ex);

}

}

});

}

@Override

public void mousePressed(MouseEvent me) {

}

@Override

public void mouseReleased(MouseEvent me) {

}

@Override

public void mouseEntered(MouseEvent me) {

}

@Override

public void mouseExited(MouseEvent me) {

}

});

vbranch.getBtnSearch().addActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

try {

vbranch.setTableCabang(new mBranch().getBranchbyName(vbranch.getJtNama().getText().toString()));

} catch (SQLException ex) {

Logger.getLogger(MainController.class.getName()).log(Level.SEVERE, null, ex);

}

}

});

vbranch.getBtnSimpan().addActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

System.out.println(vbranch.getForm());

boolean run=true;

if (vbranch.getNamaCabang().getText().equals("")) {

JOptionPane.showMessageDialog( null, "Nama Tidak Boleh Kosong", "Error", JOptionPane.ERROR\_MESSAGE);

run=false;

}else if (vbranch.getAlamat().getText().equals("")) {

JOptionPane.showMessageDialog( null, "Alamat Tidak Boleh Kosong", "Error", JOptionPane.ERROR\_MESSAGE);

run=false;

}else if (vbranch.getTelepon().getText().equals("")) {

JOptionPane.showMessageDialog( null, "Telepon Tidak Boleh Kosong", "Error", JOptionPane.ERROR\_MESSAGE);

run=false;

}else if (vbranch.getIdPenanggungJawab().equals("")) {

JOptionPane.showMessageDialog( null, "HS Tidak Boleh Kosong", "Error", JOptionPane.ERROR\_MESSAGE);

run=false;

}

if (vbranch.getIdCabang().getText().toString().equals("0") && run==true) {

HashMap tmp=vbranch.getForm();

Random rand = new Random();

int randomNum = rand.nextInt((1000000 - 99999) +1) + 99999;

System.out.println(randomNum);

String kd="77"+randomNum;

tmp.put("id", kd);

new mBranch().insertBranch(tmp);

try {

for (int i = 0; i < new mBarang().getBarang().size(); i++) {

HashMap tp=(HashMap) new mBarang().getBarang().get(i);

new mBranchStok().declaration(tp.get("id\_barang").toString(), kd);

}

} catch (SQLException ex) {

Logger.getLogger(MainController.class.getName()).log(Level.SEVERE, null, ex);

}

try {

vbranch.setTableCabang(new mBranch().getBranch());

} catch (SQLException ex) {

Logger.getLogger(MainController.class.getName()).log(Level.SEVERE, null, ex);

}

}else if (vbranch.getIdCabang().getText().toString()!="0" && run==true) {

HashMap tmp=vbranch.getForm();

// tmp.put("id", vbranch.getIdCabang());

new mBranch().updateSuplier(tmp);

try {

vbranch.setTableCabang(new mBranch().getBranch());

} catch (SQLException ex) {

Logger.getLogger(MainController.class.getName()).log(Level.SEVERE, null, ex);

}

}

}

});

vbranch.btnBarangAddActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

vbranch.dispose();

controllerBarang();

}

});

vbranch.btnPesananAddActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

vbranch.dispose();

controllerPesanan();

}

});

vbranch.btnSuplierAddActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

vbranch.dispose();

controllerSuplier();

}

});

vbranch.btnPenggunaAddActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

vbranch.dispose();

controllerPengguna();

}

});

vbranch.btnLaporanAddActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent ae) {

vbranch.dispose();

controllerLaporan();

}

});

}

}

****

**UNIVERSITAS**

**MULTI DATA**

**PALEMBANG**

**SOURCE   
CODE**

# **SOURCE CODE SIMORP**

**SIMORP (Simple Order Purchase)**

****

1. src\main\AndroidManifest.xml

*<?*xml version="1.0" encoding="utf-8"*?>*<manifest xmlns:android="http://schemas.android.com/apk/res/android"  
 package="com.sonisuciadi.simorp">  
  
 <uses-permission android:name="android.permission.CAMERA" />  
 <uses-permission android:name="android.permission.INTERNET" />  
 <uses-permission android:name="android.permission.ACCESS\_NETWORK\_STATE" />  
  
 <uses-feature android:name="android.hardware.camera" />  
  
 <application  
 android:allowBackup="true"  
 android:icon="@mipmap/ic\_launcher"  
 android:label="@string/app\_name"  
 android:roundIcon="@mipmap/ic\_launcher\_round"  
 android:supportsRtl="true"  
 android:theme="@style/Theme.SIMORP"  
 android:usesCleartextTraffic="true">  
 <activity android:name=".IncomeActivity"  
 android:parentActivityName=".HomeActivity"/>  
 <activity android:name=".NotificationActivity"  
 android:parentActivityName=".HomeActivity"/>  
 <activity android:name=".CartNullActivity" />  
 <activity  
 android:name=".ScanQRActivity"  
 android:parentActivityName=".OrderActivity" />  
 <activity android:name=".SuccesActivity"  
 android:parentActivityName=".HomeActivity"/>  
 <activity  
 android:name=".ProfilActivity"  
 android:parentActivityName=".HomeActivity" />  
 <activity  
 android:name=".HistoryActivity"  
 android:parentActivityName=".HomeActivity" />  
 <activity android:name=".CartActivity"  
 android:parentActivityName=".OrderActivity"/>  
 <activity  
 android:name=".OrderActivity"  
 android:parentActivityName=".HomeActivity" />  
 <activity android:name=".HomeActivity" />  
 <activity android:name=".LoginActivity" />  
 <activity android:name=".MainActivity">  
 <intent-filter>  
 <action android:name="android.intent.action.MAIN" />  
  
 <category android:name="android.intent.category.LAUNCHER" />  
 </intent-filter>  
 </activity>  
 </application>  
  
</manifest>

1. src\main\java\com\sonisuciadi\simorp\Adapter\BarangAdapter.java

package com.sonisuciadi.simorp.Adapter;  
  
import android.content.Context;  
import android.database.Cursor;  
import android.graphics.Bitmap;  
import android.graphics.BitmapFactory;  
import android.media.Image;  
import android.util.Base64;  
import android.view.LayoutInflater;  
import android.view.View;  
import android.view.ViewGroup;  
import android.widget.Button;  
import android.widget.ImageView;  
import android.widget.TextView;  
import android.widget.Toast;  
  
import androidx.annotation.NonNull;  
import androidx.recyclerview.widget.RecyclerView;  
  
import com.sonisuciadi.simorp.DataBaseHelper.DetailsOrderDataBaseHelper;  
import com.sonisuciadi.simorp.DataBaseHelper.DetailsOrderDataBaseHelperSeles;  
import com.sonisuciadi.simorp.DataBaseHelper.UsersDataBaseHelper;  
import com.sonisuciadi.simorp.LoginActivity;  
import com.sonisuciadi.simorp.Model.mBarang;  
import com.sonisuciadi.simorp.Model.mDetailsOrder;  
import com.sonisuciadi.simorp.R;  
  
import java.io.ByteArrayInputStream;  
import java.io.ByteArrayOutputStream;  
import java.io.InputStream;  
import java.sql.SQLException;  
import java.text.NumberFormat;  
import java.util.ArrayList;  
import java.util.List;  
import java.util.Locale;  
  
public class BarangAdapter extends RecyclerView.Adapter<BarangAdapter.viewHolder> {  
 List<mBarang> mdata;  
 Context context;  
 String activity;  
 Locale localeID = new Locale("in", "ID");  
 NumberFormat formatRupiah = NumberFormat.*getCurrencyInstance*(localeID);  
 private BarangAdapter.onAddClickListener onAddClickListener;  
 private BarangAdapter.onItemClickListener onItemClickListener;  
  
 public BarangAdapter(List<mBarang> mdata,Context context,onAddClickListener onAddClickListener,onItemClickListener onItemClickListener,String activity) {  
 this.mdata = mdata;  
 this.context=context;  
 this.onAddClickListener=onAddClickListener;  
 this.onItemClickListener=onItemClickListener;  
 this.activity=activity;  
 }  
  
 @NonNull  
 @Override  
 public BarangAdapter.viewHolder onCreateViewHolder(@NonNull ViewGroup parent, int viewType) {  
 View view= LayoutInflater.*from*(parent.getContext()).inflate(R.layout.*item\_card\_barang*,parent,false);  
 return new viewHolder(view);  
 }  
  
 @Override  
 public void onBindViewHolder(@NonNull BarangAdapter.viewHolder holder, int position) {  
 holder.bind(mdata.get(position),onAddClickListener);  
 }  
  
 @Override  
 public int getItemCount() {  
 return mdata.size();  
 }  
  
 public class viewHolder extends RecyclerView.ViewHolder {  
 TextView tvId,tvNama,tvHarga,tvStok;  
 ImageView img;  
 Button btnAdd;  
 public viewHolder(@NonNull View itemView) {  
 super(itemView);  
 tvId=itemView.findViewById(R.id.*tv\_id\_barang*);  
 tvNama=itemView.findViewById(R.id.*tv\_nama\_barang*);  
 tvHarga=itemView.findViewById(R.id.*tv\_harga\_barang*);  
 tvStok=itemView.findViewById(R.id.*tv\_stok\_barang*);  
 img=itemView.findViewById(R.id.*iv\_barang*);  
 btnAdd=itemView.findViewById(R.id.*btn\_add*);  
 }  
 public void bind(mBarang item, BarangAdapter.onAddClickListener onAddClickListener){  
 tvId.setText(String.*valueOf*(item.getId()));  
 tvNama.setText(item.getNama());  
  
 tvStok.setText(String.*valueOf*(item.getStok()));  
  
  
 byte[] imageAsBytes = Base64.*decode*(item.getImage().getBytes(), Base64.*DEFAULT*);  
 img.setImageBitmap(BitmapFactory.*decodeByteArray*(imageAsBytes, 0, imageAsBytes.length));  
 if (activity.equals("Order")){  
 tvHarga.setText(formatRupiah.format(Double.*valueOf*(item.getHargaBeli())));  
 DetailsOrderDataBaseHelper detailsOrderDataBaseHelper=new DetailsOrderDataBaseHelper(context);  
 Cursor cursor=detailsOrderDataBaseHelper.getDetailOrderbyName(item.getId());  
 if (cursor.getCount() == 0) {  
  
 } else {  
 btnAdd.setEnabled(false);  
 }  
 }else {  
 tvHarga.setText(formatRupiah.format(Double.*valueOf*(item.getHargaJual())));  
 DetailsOrderDataBaseHelperSeles detailsOrderDataBaseHelper=new DetailsOrderDataBaseHelperSeles(context);  
 Cursor cursor=detailsOrderDataBaseHelper.getDetailOrderbyName(item.getId());  
 if (cursor.getCount() == 0) {  
  
 } else {  
 btnAdd.setEnabled(false);  
 }  
 }  
  
 btnAdd.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 btnAdd.setEnabled(false);  
 onAddClickListener.onAddClick(item,getPosition());  
 }  
 });  
 itemView.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 onItemClickListener.onItemClick(item,getPosition());  
 }  
 });  
 }  
  
 }  
 public interface onAddClickListener{  
 void onAddClick(mBarang item,int position );  
 }  
 public interface onItemClickListener{  
 void onItemClick(mBarang item,int position );  
 }  
}

1. src\main\java\com\sonisuciadi\simorp\Adapter\DetailsOrderAdapter.java

package com.sonisuciadi.simorp.Adapter;  
  
import android.content.Context;  
import android.graphics.BitmapFactory;  
import android.text.Editable;  
import android.text.TextWatcher;  
import android.util.Base64;  
import android.view.KeyEvent;  
import android.view.LayoutInflater;  
import android.view.View;  
import android.view.ViewGroup;  
import android.widget.Button;  
import android.widget.EditText;  
import android.widget.ImageButton;  
import android.widget.ImageView;  
import android.widget.TextView;  
import android.widget.Toast;  
  
import androidx.annotation.NonNull;  
import androidx.recyclerview.widget.LinearLayoutManager;  
import androidx.recyclerview.widget.RecyclerView;  
  
import com.sonisuciadi.simorp.API.APIRequestData;  
import com.sonisuciadi.simorp.API.RetroServer;  
import com.sonisuciadi.simorp.CartActivity;  
import com.sonisuciadi.simorp.DataBaseHelper.DetailsOrderDataBaseHelper;  
import com.sonisuciadi.simorp.DataBaseHelper.DetailsOrderDataBaseHelperSeles;  
import com.sonisuciadi.simorp.Model.mBarang;  
import com.sonisuciadi.simorp.Model.mDetailsOrder;  
import com.sonisuciadi.simorp.OrderActivity;  
import com.sonisuciadi.simorp.R;  
import com.sonisuciadi.simorp.Response.rBarang;  
  
import java.text.NumberFormat;  
import java.util.List;  
import java.util.Locale;  
  
import retrofit2.Call;  
import retrofit2.Callback;  
import retrofit2.Response;  
  
public class DetailsOrderAdapter extends RecyclerView.Adapter<DetailsOrderAdapter.viewHolder> {  
 Context context;  
 List<mDetailsOrder> mdata;  
 private OnDeleteClickListener onDeleteClickListener;  
 private OnPlusClickListener onPlusClickListener;  
 private OnMinusClickListener onMinusClickListener;  
 private onChangePesananListener onChangePesananListener;  
 Locale localeID = new Locale("in", "ID");  
 NumberFormat formatRupiah = NumberFormat.*getCurrencyInstance*(localeID);  
 String activity;  
  
 public DetailsOrderAdapter(Context context, List<mDetailsOrder> mdata,OnDeleteClickListener onItemClickListener,  
 OnPlusClickListener onPlusClickListener,OnMinusClickListener onMinusClickListener, String activity) {  
 this.context = context;  
 this.mdata = mdata;  
 this.onDeleteClickListener=onItemClickListener;  
 this.onPlusClickListener=onPlusClickListener;  
 this.onMinusClickListener=onMinusClickListener;  
 this.activity=activity;  
  
  
 }  
  
 @NonNull  
 @Override  
 public DetailsOrderAdapter.viewHolder onCreateViewHolder(@NonNull ViewGroup parent, int viewType) {  
 View view = LayoutInflater.*from*(parent.getContext()).inflate(R.layout.*item\_card\_cart*, parent, false);  
 return new DetailsOrderAdapter.viewHolder(view);  
 }  
  
 @Override  
 public void onBindViewHolder(@NonNull DetailsOrderAdapter.viewHolder holder, int position) {  
 holder.bind(mdata.get(position),onDeleteClickListener);  
 }  
  
 @Override  
 public int getItemCount() {  
 return mdata.size();  
 }  
  
 public class viewHolder extends RecyclerView.ViewHolder {  
 TextView tvNamaBarang, tvIdBarang, tvHarga, tvStok, tvSubtotal;  
 EditText etPesanan;  
 Button btnPlus, btnMinus;  
 ImageButton btnDelete;  
 List<mBarang> mBarangs;  
 ImageView imgBarang;  
 DetailsOrderDataBaseHelper detailsOrderDataBaseHelper;  
 DetailsOrderDataBaseHelperSeles detailsOrderDataBaseHelperSales;  
  
  
 public viewHolder(@NonNull View itemView) {  
 super(itemView);  
 DetailsOrderDataBaseHelper detailsOrderDataBaseHelper=new DetailsOrderDataBaseHelper(context);  
 tvIdBarang = itemView.findViewById(R.id.*tv\_id\_barang\_cart*);  
 tvNamaBarang = itemView.findViewById(R.id.*tv\_nama\_barang\_cart*);  
 tvStok = itemView.findViewById(R.id.*tv\_stok\_barang\_cart*);  
 tvHarga = itemView.findViewById(R.id.*tv\_harga\_barang\_cart*);  
 tvSubtotal = itemView.findViewById(R.id.*tv\_subtotal\_cart*);  
 etPesanan = itemView.findViewById(R.id.*et\_jumlah\_pesanan\_cart*);  
 btnMinus = itemView.findViewById(R.id.*btn\_minus\_jumlah*);  
 btnPlus = itemView.findViewById(R.id.*btn\_plus\_jumlah*);  
 btnDelete=itemView.findViewById(R.id.*btn\_delete\_cart*);  
 imgBarang=itemView.findViewById(R.id.*iv\_barang\_cart*);  
 }  
  
 public void bind(mDetailsOrder item, OnDeleteClickListener onDeleteClickListener) {  
 tvIdBarang.setText(String.*valueOf*(item.getId()));  
 tvNamaBarang.setText(item.getNama());  
 tvStok.setText(String.*valueOf*(item.getStok()));  
 etPesanan.setText(String.*valueOf*(item.getJumlah()));  
 Integer harga=0;  
 if (activity.equals("Order")){  
 harga=item.getHargaBeli();  
 }else {  
 harga=item.getHargaJual();  
 }  
 tvHarga.setText(formatRupiah(Double.*valueOf*(harga)));  
  
 byte[] imageAsBytes = Base64.*decode*(item.getImage().getBytes(), Base64.*DEFAULT*);  
 imgBarang.setImageBitmap(BitmapFactory.*decodeByteArray*(imageAsBytes, 0, imageAsBytes.length));  
  
 Integer subtotal = item.getJumlah() \* harga;  
 tvSubtotal.setText(formatRupiah.format(Integer.*valueOf*(subtotal.toString())));  
 DetailsOrderDataBaseHelper detailsOrderDataBaseHelper=new DetailsOrderDataBaseHelper(context);  
 DetailsOrderDataBaseHelperSeles detailsOrderDataBaseHelperSeles=new DetailsOrderDataBaseHelperSeles(context);  
 btnDelete.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 onDeleteClickListener.onItemClick(item,getPosition());  
 Toast.*makeText*(context, "Biso", Toast.*LENGTH\_SHORT*).show();  
 }  
 });  
 btnPlus.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 Integer jumlah= Integer.*valueOf*(etPesanan.getText().toString())+1;  
 if (jumlah<=Integer.*valueOf*(tvStok.getText().toString())){  
 if (activity.equals("Order")){  
 detailsOrderDataBaseHelper.updateDetailOrder(tvIdBarang.getText().toString(),jumlah);  
  
 }else {  
 detailsOrderDataBaseHelperSeles.updateDetailOrder(tvIdBarang.getText().toString(),jumlah);  
  
 }  
 etPesanan.setText(jumlah.toString());  
*// Integer sub=subtotal+item.getHarga();  
// tvSubtotal.setText(formatRupiah(Double.parseDouble(sub.toString())));* }else {  
 Toast.*makeText*(context, "STOK INVALID", Toast.*LENGTH\_SHORT*).show();  
 }  
 onPlusClickListener.onPlusClick(item,getPosition());  
 Toast.*makeText*(context, "PLUS", Toast.*LENGTH\_SHORT*).show();  
  
  
 }  
 });  
 btnMinus.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 Integer jumlah= Integer.*valueOf*(etPesanan.getText().toString())-1;  
 if (jumlah>0){  
 if (activity.equals("Order")){  
 detailsOrderDataBaseHelper.updateDetailOrder(tvIdBarang.getText().toString(),jumlah);  
  
 }else {  
 detailsOrderDataBaseHelperSeles.updateDetailOrder(tvIdBarang.getText().toString(),jumlah);  
  
 }  
  
 etPesanan.setText(jumlah.toString());  
*// Integer sub=subtotal-item.getHarga();  
// tvSubtotal.setText(formatRupiah(Double.parseDouble(sub.toString())));* }else {  
 Toast.*makeText*(context, "STOK INVALID", Toast.*LENGTH\_SHORT*).show();  
 }  
 onMinusClickListener.onMinusClick(item,getPosition());  
 Toast.*makeText*(context, "MINUS", Toast.*LENGTH\_SHORT*).show();  
  
 }  
 });  
  
 etPesanan.addTextChangedListener(new TextWatcher() {  
 @Override  
 public void beforeTextChanged(CharSequence charSequence, int i, int i1, int i2) {  
  
 }  
  
 @Override  
 public void onTextChanged(CharSequence charSequence, int i, int i1, int i2) {  
  
 }  
  
 @Override  
 public void afterTextChanged(Editable editable) {  
 }  
 });  
  
 }  
 }  
  
 private String formatRupiah(Double number){  
 Locale localeID = new Locale("in", "ID");  
 NumberFormat formatRupiah = NumberFormat.*getCurrencyInstance*(localeID);  
 return formatRupiah.format(number);  
 }  
 public int getTotal(){  
 int total = 0;  
 if (mdata != null){  
 for (int i = 0; i< mdata.size(); i++){  
 if (activity.equals("Order")){  
 total = total + (mdata.get(i).getJumlah() \* mdata.get(i).getHargaBeli());  
 }else {  
 total = total + (mdata.get(i).getJumlah() \* mdata.get(i).getHargaJual());  
 }  
  
 }  
 }else {  
  
 }  
 notifyDataSetChanged();  
 return total;  
 }  
 public int getUntung(){  
 int total = 0;  
 if (mdata != null){  
 for (int i = 0; i< mdata.size(); i++){  
 total = total + (mdata.get(i).getJumlah() \* (mdata.get(i).getHargaJual()- mdata.get(i).getHargaBeli()));  
 }  
 }else {  
  
 }  
 notifyDataSetChanged();  
 return total;  
 }  
  
 public interface OnDeleteClickListener{  
 void onItemClick(mDetailsOrder item,int position );  
 }  
 public interface onChangePesananListener{  
 void afterTextChanged(Editable editable);  
 }  
 public interface OnPlusClickListener{  
 void onPlusClick(mDetailsOrder item,int position );  
 }  
 public interface OnMinusClickListener{  
 void onMinusClick(mDetailsOrder item,int position );  
 }  
}

1. src\main\java\com\sonisuciadi\simorp\Adapter\ItemDetailOrderAdapter.java

package com.sonisuciadi.simorp.Adapter;  
  
import android.content.Context;  
import android.view.LayoutInflater;  
import android.view.View;  
import android.view.ViewGroup;  
import android.widget.TextView;  
  
import androidx.annotation.NonNull;  
import androidx.recyclerview.widget.RecyclerView;  
  
import com.sonisuciadi.simorp.Model.mDetailsOrder;  
import com.sonisuciadi.simorp.R;  
  
import java.text.NumberFormat;  
import java.util.List;  
import java.util.Locale;  
  
public class ItemDetailOrderAdapter extends RecyclerView.Adapter<ItemDetailOrderAdapter.viewHolder> {  
 String context;  
 List<mDetailsOrder> mdata;  
 Locale localeID = new Locale("in", "ID");  
 NumberFormat formatRupiah = NumberFormat.getCurrencyInstance(localeID);  
  
 public ItemDetailOrderAdapter( List<mDetailsOrder> mdata, String context ) {  
 this.context=context;  
 this.mdata = mdata;  
 }  
  
 @NonNull  
 @Override  
 public ItemDetailOrderAdapter.viewHolder onCreateViewHolder(@NonNull ViewGroup parent, int viewType) {  
 View view = LayoutInflater.from(parent.getContext()).inflate(R.layout.item\_detail\_order, parent, false);  
 return new ItemDetailOrderAdapter.viewHolder(view);  
 }  
  
 @Override  
 public void onBindViewHolder(@NonNull ItemDetailOrderAdapter.viewHolder holder, int position) {  
 holder.bind(mdata.get(position));  
 }  
  
 @Override  
 public int getItemCount() {  
 return mdata.size();  
 }  
 private String formatRupiah(Double number){  
 Locale localeID = new Locale("in", "ID");  
 NumberFormat formatRupiah = NumberFormat.getCurrencyInstance(localeID);  
 return formatRupiah.format(number);  
 }  
 public class viewHolder extends RecyclerView.ViewHolder {  
 TextView id, nama,jumlah,harga,total;  
 public viewHolder(@NonNull View itemView) {  
 super(itemView);  
 id=itemView.findViewById(R.id.id\_barang\_item);  
 nama=itemView.findViewById(R.id.nama\_barang\_item);  
 jumlah=itemView.findViewById(R.id.jumlah\_barang\_item);  
 harga=itemView.findViewById(R.id.harga\_barang\_item);  
 total=itemView.findViewById(R.id.total\_barang\_item);  
 }  
 public void bind(mDetailsOrder item){  
 id.setText(String.valueOf(item.getId()));  
 nama.setText(item.getNama());  
*// nama.setText(String.valueOf(context));* jumlah.setText(String.valueOf(item.getJumlah()));  
 if (context.equals("Income")){  
 harga.setText(formatRupiah(Double.valueOf(item.getHargaJual())));  
 }else {  
 harga.setText(formatRupiah(Double.valueOf(item.getHargaBeli())));  
 }  
  
 total.setText(formatRupiah(Double.valueOf(item.getSubtotal())));  
  
 }  
 }  
}

1. src\main\java\com\sonisuciadi\simorp\Adapter\NotificationAdapter.java

package com.sonisuciadi.simorp.Adapter;  
  
import android.content.Context;  
import android.view.LayoutInflater;  
import android.view.View;  
import android.view.ViewGroup;  
import android.widget.TextView;  
  
import androidx.annotation.NonNull;  
import androidx.recyclerview.widget.RecyclerView;  
  
import com.sonisuciadi.simorp.Model.mNotification;  
import com.sonisuciadi.simorp.Model.mOrder;  
import com.sonisuciadi.simorp.NotificationActivity;  
import com.sonisuciadi.simorp.R;  
  
import java.util.List;  
  
public class NotificationAdapter extends RecyclerView.Adapter<NotificationAdapter.viewHolder> {  
 Context context;  
 List<mNotification> mdata;  
 private NotificationAdapter.OnItemClickListener onItemClickListener;  
  
 public NotificationAdapter(Context context, List<mNotification> mdata, OnItemClickListener onItemClickListener) {  
 this.context = context;  
 this.mdata = mdata;  
 this.onItemClickListener = onItemClickListener;  
 }  
  
 @NonNull  
 @Override  
 public NotificationAdapter.viewHolder onCreateViewHolder(@NonNull ViewGroup parent, int viewType) {  
 View view = LayoutInflater.*from*(parent.getContext()).inflate(R.layout.*item\_card\_notification*, parent, false);  
 return new NotificationAdapter.viewHolder(view);  
 }  
  
 @Override  
 public void onBindViewHolder(@NonNull NotificationAdapter.viewHolder holder, int position) {  
 holder.bind(mdata.get(position),onItemClickListener);  
 }  
  
 @Override  
 public int getItemCount() {  
 return mdata.size();  
 }  
  
 public class viewHolder extends RecyclerView.ViewHolder {  
 TextView pesan,tanggal,judul;  
 public viewHolder(@NonNull View itemView) {  
 super(itemView);  
 pesan=itemView.findViewById(R.id.*news\_notification*);  
 judul=itemView.findViewById(R.id.*judul\_notification*);  
 tanggal=itemView.findViewById(R.id.*tanggal\_notification*);  
  
 }  
 public void bind(mNotification item, OnItemClickListener onItemClickListener){  
 pesan.setText(item.getPesan());  
 judul.setText(item.getJudul());  
 tanggal.setText(item.getTanggal());  
 itemView.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 onItemClickListener.onItemClick(item,getPosition());  
 }  
 });  
 }  
 }  
 public interface OnItemClickListener{  
 void onItemClick(mNotification item, int position );  
 }  
}

1. src\main\java\com\sonisuciadi\simorp\Adapter\SalesOrderAdapter.java

package com.sonisuciadi.simorp.Adapter;  
  
import android.content.Context;  
import android.view.LayoutInflater;  
import android.view.View;  
import android.view.ViewGroup;  
import android.widget.TextView;  
  
import androidx.annotation.NonNull;  
import androidx.recyclerview.widget.RecyclerView;  
  
import com.sonisuciadi.simorp.Model.mOrder;  
import com.sonisuciadi.simorp.R;  
  
import java.text.NumberFormat;  
import java.util.List;  
import java.util.Locale;  
  
public class SalesOrderAdapter extends RecyclerView.Adapter<SalesOrderAdapter.viewHolder> {  
 List<mOrder> mdata;  
 Context context;  
 private OnItemClickListener onItemClickListener;  
 Locale localeID = new Locale("in", "ID");  
 NumberFormat formatRupiah = NumberFormat.*getCurrencyInstance*(localeID);  
  
 public SalesOrderAdapter(List<mOrder> mdata, Context context, OnItemClickListener onItemClickListener) {  
 this.mdata = mdata;  
 this.context = context;  
 this.onItemClickListener = onItemClickListener;  
 }  
  
 @NonNull  
 @Override  
 public SalesOrderAdapter.viewHolder onCreateViewHolder(@NonNull ViewGroup parent, int viewType) {  
 View view = LayoutInflater.*from*(parent.getContext()).inflate(R.layout.*item\_card\_pesanan*, parent, false);  
 return new SalesOrderAdapter.viewHolder(view);  
 }  
  
 @Override  
 public void onBindViewHolder(@NonNull SalesOrderAdapter.viewHolder holder, int position) {  
 holder.bind(mdata.get(position), onItemClickListener);  
 }  
  
 @Override  
 public int getItemCount() {  
 return mdata.size();  
 }  
  
 public class viewHolder extends RecyclerView.ViewHolder {  
 TextView idorder,tanggalPesan,total,status,pemesan;  
 public viewHolder(@NonNull View itemView) {  
 super(itemView);  
 idorder=itemView.findViewById(R.id.*id\_pesanan\_cart*);  
 tanggalPesan=itemView.findViewById(R.id.*tanggal\_pesanan\_cart*);  
 total=itemView.findViewById(R.id.*total\_harga\_pesanan\_cart*);  
 status=itemView.findViewById(R.id.*status\_pesanan*);  
 pemesan=itemView.findViewById(R.id.*pemesan\_cart*);  
 }  
 public void bind(mOrder item, OnItemClickListener onItemClickListener){  
 idorder.setText(item.getId().toString());  
 tanggalPesan.setText(item.getTanggal());  
 total.setText(formatRupiah(Double.*valueOf*(item.getTotal())));  
 status.setText(item.getStatus());  
 pemesan.setText(item.getNama());  
 itemView.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 onItemClickListener.onItemClick(item,getPosition());  
 }  
 });  
 }  
 }  
 public interface OnItemClickListener{  
 void onItemClick(mOrder item,int position );  
 }  
 private String formatRupiah(Double number){  
 Locale localeID = new Locale("in", "ID");  
 NumberFormat formatRupiah = NumberFormat.*getCurrencyInstance*(localeID);  
 return formatRupiah.format(number);  
 }  
}

1. src\main\java\com\sonisuciadi\simorp\API\APIRequestData.java

package com.sonisuciadi.simorp.API;  
import android.text.Editable;  
  
import retrofit2.Call;  
import retrofit2.http.Field;  
import retrofit2.http.FormUrlEncoded;  
import retrofit2.http.GET;  
import retrofit2.http.POST;  
import com.sonisuciadi.simorp.Model.mUsers;  
import com.sonisuciadi.simorp.Response.rBarang;  
import com.sonisuciadi.simorp.Response.rDetailOrder;  
import com.sonisuciadi.simorp.Response.rNotification;  
import com.sonisuciadi.simorp.Response.rOrder;  
import com.sonisuciadi.simorp.Response.rUser;  
  
public interface APIRequestData {  
 @GET("getAllUsers.php")  
 Call<rUser> getDataUsers();  
  
 @GET("getAllNotification.php")  
 Call<rNotification> getNotification();  
  
 @FormUrlEncoded  
 @POST("getBarangbyName.php")  
 Call<rBarang> getDataBarangbyName(  
 @Field("id\_branch") Integer id\_branch,  
 @Field("nama") String nama  
 );  
  
 @FormUrlEncoded  
 @POST("getBarangbyId.php")  
 Call<rBarang> getDataBarangbyId(  
 @Field("id\_branch") Integer id\_branch,  
 @Field("id") Integer id  
  
 );  
  
 @FormUrlEncoded  
 @POST("koreksiSales.php")  
 Call<rBarang> koreksiSales(  
 @Field("idsales") Integer idsales  
  
 );  
 @FormUrlEncoded  
 @POST("reverseStok.php")  
 Call<rBarang> reversStok(  
 @Field("idbranch") Integer idbranch,  
 @Field("idbarang") Integer idbarang,  
 @Field("jumlah") Integer jumlah  
 );  
  
 @FormUrlEncoded  
 @POST("login.php")  
 Call<rUser> login(  
 @Field("nama") String nama,  
 @Field("password") String password  
 );  
 @FormUrlEncoded  
 @POST("insertOrder.php")  
 Call<rOrder> InsertOrder(  
 @Field("id") Integer id,  
 @Field("id\_pengguna") Integer id\_pengguna,  
 @Field("tanggal\_pesanan") String tanggal\_pesanan,  
 @Field("total") Integer total,  
 @Field("user\_approve") Integer user\_approve  
 );  
 @FormUrlEncoded  
 @POST("insertDetailOrder.php")  
 Call<rOrder> InsertDetailOrder(  
 @Field("id\_order") Integer id\_order,  
 @Field("id\_barang") Integer id\_barang,  
 @Field("harga") Integer harga,  
 @Field("jumlah") Integer jumlah  
 );  
  
 @FormUrlEncoded  
 @POST("insertSales.php")  
 Call<rOrder> InsertSales(  
 @Field("id") Integer id,  
 @Field("id\_pengguna") Integer id\_pengguna,  
 @Field("tanggal\_seles") String tanggal\_seles,  
 @Field("total") Integer total,  
 @Field("keuntungan") Integer keuntungan  
  
 );  
 @FormUrlEncoded  
 @POST("insertDetailSeles.php")  
 Call<rOrder> InsertDetailSeles(  
 @Field("id\_seles") Integer id\_seles,  
 @Field("id\_barang") Integer id\_barang,  
 @Field("harga") Integer harga,  
 @Field("jumlah") Integer jumlah  
 );  
  
 @FormUrlEncoded  
 @POST("getAllOrder.php")  
 Call<rOrder> getAllOrder(  
 @Field("id\_branch") Integer id\_branch,  
 @Field("tanggal") String tanggal  
 );  
 @FormUrlEncoded  
 @POST("getDetailOrderbyIdOrder.php")  
 Call<rDetailOrder> getDetailOrder(  
 @Field("id\_order") Integer id\_order  
 );  
 @FormUrlEncoded  
 @POST("getDetailOrderbyIdSales.php")  
 Call<rDetailOrder> getDetailSales(  
 @Field("id\_sales") Integer id\_sales  
 );  
  
 @FormUrlEncoded  
 @POST("getAllSales.php")  
 Call<rOrder> getAllSeles(  
 @Field("id\_branch") Integer id\_branch,  
 @Field("tanggal") String tanggal  
 );  
  
 @FormUrlEncoded  
 @POST("updateUser.php")  
 Call<rUser> updateUser(  
 @Field("alamat") String alamat,  
 @Field("ponsel") String ponsel,  
 @Field("password") String password,  
 @Field("id") Integer id  
  
 );  
  
}

1. src\main\java\com\sonisuciadi\simorp\API\RetroServer.java

package com.sonisuciadi.simorp.API;  
  
import retrofit2.Retrofit;  
import retrofit2.converter.gson.GsonConverterFactory;  
  
public class RetroServer {  
 private static final String *baseURL* = "http://48e2-182-1-230-90.ngrok.io/rest\_api\_skripsi/simorp/";  
 private static Retrofit *retro*;  
  
 public static Retrofit konekRetrofit(){  
 if (*retro* == null){  
 *retro* = new Retrofit.Builder()  
 .baseUrl(*baseURL*)  
 .addConverterFactory(GsonConverterFactory.*create*())  
 .build();  
 }  
 return *retro*;  
 }  
}

1. src\main\java\com\sonisuciadi\simorp\DataBaseHelper\DetailsOrderDataBaseHelper.java

package com.sonisuciadi.simorp.DataBaseHelper;  
  
import android.content.ContentValues;  
import android.content.Context;  
import android.database.Cursor;  
import android.database.sqlite.SQLiteDatabase;  
import android.database.sqlite.SQLiteOpenHelper;  
  
import androidx.annotation.Nullable;  
  
import com.sonisuciadi.simorp.Model.mDetailsOrder;  
import com.sonisuciadi.simorp.Model.mUsers;  
  
import java.util.List;  
  
import static java.sql.Types.*NULL*;  
  
public class DetailsOrderDataBaseHelper extends SQLiteOpenHelper {  
 Context context;  
 private static final String *TABLE\_NAME* = "tbl\_detail\_barang";  
 private static final int *DATABASE\_VERSION* = 1;  
 private static final String *FIELD\_ID* = "id";  
 private static final String *FIELD\_HARGA* = "harga";  
 private static final String *FIELD\_STOK* = "stok";  
 private static final String *FIELD\_NAMA* = "nama\_barang";  
 private static final String *FIELD\_IMG* = "img";  
 private static final String *FIELD\_JUMLAH* = "jumlah";  
  
  
 public DetailsOrderDataBaseHelper(Context context) {  
 super(context,*TABLE\_NAME*,null,*DATABASE\_VERSION*);  
 }  
  
  
 @Override  
 public void onCreate(SQLiteDatabase db) {  
 String query="CREATE TABLE "+*TABLE\_NAME*+" ("+  
 *FIELD\_ID*+ " INTEGER PRIMARY KEY , " +  
 *FIELD\_HARGA*+ " INTEGER , " +  
 *FIELD\_STOK*+ " INTEGER , " +  
 *FIELD\_NAMA*+ " STRING , " +  
 *FIELD\_JUMLAH*+ " INTEGER , " +  
 *FIELD\_IMG*+ " STRING );";  
 db.execSQL(query);  
 }  
 public Cursor getDetailOrder(){  
 String querry="SELECT \* FROM "+*TABLE\_NAME*;  
 SQLiteDatabase sqLiteDatabase=this.getReadableDatabase();  
 Cursor cursor=sqLiteDatabase.rawQuery(querry,null);  
 if (cursor==null){  
 cursor=sqLiteDatabase.rawQuery(querry,null);  
 }  
 return cursor;  
 }  
 public Cursor getDetailOrderbyName(Integer id){  
 String querry="SELECT \* FROM "+*TABLE\_NAME*+" WHERE id="+id;  
 SQLiteDatabase sqLiteDatabase=this.getReadableDatabase();  
 Cursor cursor=sqLiteDatabase.rawQuery(querry,null);  
 if (cursor==null){  
 cursor=sqLiteDatabase.rawQuery(querry,null);  
 }  
 return cursor;  
 }  
  
 @Override  
 public void onUpgrade(SQLiteDatabase db, int oldVersion, int newVersion) {  
 db.execSQL("DROP TABLE IF EXISTS "+*TABLE\_NAME*);  
 onCreate(db);  
 }  
 public long insertDetailsOrder(Integer id,Integer harga,String nama, Integer stok,String img){  
 SQLiteDatabase db= this.getWritableDatabase();  
 ContentValues cv=new ContentValues();  
 cv.put(*FIELD\_ID* ,id);  
 cv.put(*FIELD\_HARGA* ,harga);  
 cv.put(*FIELD\_NAMA* ,nama);  
 cv.put(*FIELD\_STOK* ,stok);  
 cv.put(*FIELD\_JUMLAH*,1);  
 cv.put(*FIELD\_IMG*,img);  
 long exc=db.insert(*TABLE\_NAME*,null,cv);  
 return exc;  
 }  
 public long deleteDetailOrder(String index){  
 SQLiteDatabase sqLiteDatabase=this.getWritableDatabase();  
 long exc=sqLiteDatabase.delete(*TABLE\_NAME*,"id= ?",new String[]{index});  
 return exc;  
 }  
 public long updateDetailOrder(String index,Integer jumlah){  
 SQLiteDatabase sqLiteDatabase=this.getWritableDatabase();  
 ContentValues cv=new ContentValues();  
 cv.put(*FIELD\_JUMLAH*,jumlah);  
 long exc=sqLiteDatabase.update(*TABLE\_NAME*,cv,"id = ?", new String[]{index});  
 return exc;  
 }  
 public void deleteAllRecord(){  
 SQLiteDatabase sqLiteDatabase=this.getWritableDatabase();  
 sqLiteDatabase.execSQL("delete from "+ *TABLE\_NAME*);  
 }  
  
}

1. src\main\java\com\sonisuciadi\simorp\DataBaseHelper\DetailsOrderDataBaseHelperSeles.java

package com.sonisuciadi.simorp.DataBaseHelper;  
  
import android.content.ContentValues;  
import android.content.Context;  
import android.database.Cursor;  
import android.database.sqlite.SQLiteDatabase;  
import android.database.sqlite.SQLiteOpenHelper;  
  
public class DetailsOrderDataBaseHelperSeles extends SQLiteOpenHelper {  
 Context context;  
 private static final String *TABLE\_NAME* = "tbl\_detail\_barang\_seles";  
 private static final int *DATABASE\_VERSION* = 1;  
 private static final String *FIELD\_ID* = "id";  
 private static final String *FIELD\_HARGA\_JUAL* = "hargaJual";  
 private static final String *FIELD\_STOK* = "stok";  
 private static final String *FIELD\_NAMA* = "nama\_barang";  
 private static final String *FIELD\_JUMLAH* = "jumlah";  
 private static final String *FIELD\_IMAGE* = "img";  
 private static final String *FIELD\_HARGA\_BELI* = "harga\_beli";  
  
 public DetailsOrderDataBaseHelperSeles(Context context) {  
 super(context,*TABLE\_NAME*,null,*DATABASE\_VERSION*);  
 }  
  
  
 @Override  
 public void onCreate(SQLiteDatabase db) {  
 String query="CREATE TABLE "+*TABLE\_NAME*+" ("+  
 *FIELD\_ID*+ " INTEGER PRIMARY KEY , " +  
 *FIELD\_HARGA\_JUAL*+ " INTEGER , " +  
 *FIELD\_STOK*+ " INTEGER , " +  
 *FIELD\_NAMA*+ " STRING , " +  
 *FIELD\_JUMLAH*+ " INTEGER , " +  
 *FIELD\_IMAGE*+ " STRING , " +  
 *FIELD\_HARGA\_BELI*+ " INTEGER );";  
 db.execSQL(query);  
 }  
 public Cursor getDetailOrder(){  
 String querry="SELECT \* FROM "+*TABLE\_NAME*;  
 SQLiteDatabase sqLiteDatabase=this.getReadableDatabase();  
 Cursor cursor=sqLiteDatabase.rawQuery(querry,null);  
 if (cursor==null){  
 cursor=sqLiteDatabase.rawQuery(querry,null);  
 }  
 return cursor;  
 }  
 public Cursor getDetailOrderbyName(Integer id){  
 String querry="SELECT \* FROM "+*TABLE\_NAME*+" WHERE id="+id;  
 SQLiteDatabase sqLiteDatabase=this.getReadableDatabase();  
 Cursor cursor=sqLiteDatabase.rawQuery(querry,null);  
 if (cursor==null){  
 cursor=sqLiteDatabase.rawQuery(querry,null);  
 }  
 return cursor;  
 }  
  
 @Override  
 public void onUpgrade(SQLiteDatabase db, int oldVersion, int newVersion) {  
 db.execSQL("DROP TABLE IF EXISTS "+*TABLE\_NAME*);  
 onCreate(db);  
 }  
 public long insertDetailsOrder(Integer id,Integer hargaJual, String nama, Integer stok,String img,Integer hargaBeli){  
 SQLiteDatabase db= this.getWritableDatabase();  
 ContentValues cv=new ContentValues();  
 cv.put(*FIELD\_ID* ,id);  
 cv.put(*FIELD\_HARGA\_JUAL* ,hargaJual);  
 cv.put(*FIELD\_NAMA* ,nama);  
 cv.put(*FIELD\_STOK* ,stok);  
 cv.put(*FIELD\_JUMLAH*,1);  
 cv.put(*FIELD\_IMAGE*,img);  
 cv.put(*FIELD\_HARGA\_BELI* ,hargaBeli);  
 long exc=db.insert(*TABLE\_NAME*,null,cv);  
 return exc;  
 }  
 public long deleteDetailOrder(String index){  
 SQLiteDatabase sqLiteDatabase=this.getWritableDatabase();  
 long exc=sqLiteDatabase.delete(*TABLE\_NAME*,"id= ?",new String[]{index});  
 return exc;  
 }  
 public long updateDetailOrder(String index,Integer jumlah){  
 SQLiteDatabase sqLiteDatabase=this.getWritableDatabase();  
 ContentValues cv=new ContentValues();  
 cv.put(*FIELD\_JUMLAH*,jumlah);  
 long exc=sqLiteDatabase.update(*TABLE\_NAME*,cv,"id = ?", new String[]{index});  
 return exc;  
 }  
 public void deleteAllRecord(){  
 SQLiteDatabase sqLiteDatabase=this.getWritableDatabase();  
 sqLiteDatabase.execSQL("delete from "+ *TABLE\_NAME*);  
 }  
  
}

1. src\main\java\com\sonisuciadi\simorp\DataBaseHelper\UsersDataBaseHelper.java

package com.sonisuciadi.simorp.DataBaseHelper;  
  
import android.content.ContentValues;  
import android.content.Context;  
import android.database.Cursor;  
import android.database.sqlite.SQLiteDatabase;  
import android.database.sqlite.SQLiteOpenHelper;  
  
import com.sonisuciadi.simorp.Model.mUsers;  
  
import java.util.List;  
  
public class UsersDataBaseHelper extends SQLiteOpenHelper {  
 Context context;  
 private static final String *TABLE\_NAME* = "tbl\_user";  
 private static final int *DATABASE\_VERSION* = 1;  
 private static final String *FIELD\_ID* = "id";  
 private static final String *FIELD\_NAMA* = "nama";  
 private static final String *FIELD\_ALAMAT* = "alamat";  
 private static final String *FIELD\_PONSEL* = "ponsel";  
 private static final String *FIELD\_WORKPLACES*= "workplaces";  
 private static final String *FIELD\_JABATAN* = "jabatan";  
 private static final String *FIELD\_PASSWORD* = "password";  
 private static final String *FIELD\_USER\_UPDATE* = "userupdate";  
 private static final String *FIELD\_UPDATE\_AT* = "updateat";  
 private static final String *FIELD\_NAMA\_CABANG* = "namacabang";  
  
 public UsersDataBaseHelper(Context context) {  
 super(context,*TABLE\_NAME*,null,*DATABASE\_VERSION*);  
 }  
  
  
  
 @Override  
 public void onCreate(SQLiteDatabase db) {  
 String query="CREATE TABLE "+*TABLE\_NAME*+" ("+  
 *FIELD\_ID*+" INTEGER, "+  
 *FIELD\_NAMA*+ " TEXT, " +  
 *FIELD\_ALAMAT*+ " TEXT, " +  
 *FIELD\_PONSEL*+ " TEXT, " +  
 *FIELD\_WORKPLACES*+ " INTEGER, " +  
 *FIELD\_JABATAN*+ " TEXT, " +  
 FIELD\_PASSWORD+ " TEXT, " +  
 FIELD\_USER\_UPDATE+ " INTEGER, " +  
 FIELD\_UPDATE\_AT+ " TEXT, " +  
 FIELD\_NAMA\_CABANG+ " TEXT);";  
 db.execSQL(query);  
 }  
  
 @Override  
 public void onUpgrade(SQLiteDatabase db, int oldVersion, int newVersion) {  
 db.execSQL("DROP TABLE IF EXISTS "+TABLE\_NAME);  
 onCreate(db);  
 }  
 public long insertUser(List<mUsers> user){  
 SQLiteDatabase db= this.getWritableDatabase();  
 ContentValues cv=new ContentValues();  
 cv.put(FIELD\_ID,user.get(0).getId());  
 cv.put(FIELD\_NAMA,user.get(0).getNama());  
 cv.put(FIELD\_ALAMAT,user.get(0).getAlamat());  
 cv.put(FIELD\_PONSEL,user.get(0).getPonsel());  
 cv.put(FIELD\_WORKPLACES,user.get(0).getWorkplaces());  
 cv.put(FIELD\_JABATAN,user.get(0).getJabatan());  
 cv.put(FIELD\_PASSWORD,user.get(0).getPassword());  
 cv.put(FIELD\_USER\_UPDATE,user.get(0).getUser\_update());  
 cv.put(FIELD\_UPDATE\_AT,user.get(0).getUpdate\_at());  
 cv.put(FIELD\_NAMA\_CABANG,user.get(0).getNama\_cabang());  
  
 long exc=db.insert(TABLE\_NAME,null,cv);  
 return exc;  
 }  
 public Cursor getUser(){  
 String querry="SELECT \* FROM "+TABLE\_NAME;  
 SQLiteDatabase sqLiteDatabase=this.getReadableDatabase();  
 Cursor cursor=sqLiteDatabase.rawQuery(querry,null);  
 if (cursor==null){  
 cursor=sqLiteDatabase.rawQuery(querry,null);  
 }  
 return cursor;  
 }  
 public long deleteUser(String index){  
 SQLiteDatabase sqLiteDatabase=this.getWritableDatabase();  
 long exc=sqLiteDatabase.delete(TABLE\_NAME,"id= ?",new String[]{index});  
 return exc;  
 }  
  
}

1. src\main\java\com\sonisuciadi\simorp\Model\mBarang.java

package com.sonisuciadi.simorp.Model;  
import android.graphics.Bitmap;  
import java.sql.Blob;  
  
public class mBarang {  
 int id, stok,hargaJual,hargaBeli;  
 String nama;  
 String image;  
  
 public int getId() {  
 return id;  
 }  
  
 public void setId(int id) {  
 this.id = id;  
 }  
  
 public int getStok() {  
 return stok;  
 }  
  
 public void setStok(int stok) {  
 this.stok = stok;  
 }  
  
 public int getHargaJual() {  
 return hargaJual;  
 }  
  
 public void setHargaJual(int hargaJual) {  
 this.hargaJual = hargaJual;  
 }  
  
 public int getHargaBeli() {  
 return hargaBeli;  
 }  
  
 public void setHargaBeli(int hargaBeli) {  
 this.hargaBeli = hargaBeli;  
 }  
  
 public String getNama() {  
 return nama;  
 }  
  
 public void setNama(String nama) {  
 this.nama = nama;  
 }  
  
 public String getImage() {  
 return image;  
 }  
  
 public void setImage(String image) {  
 this.image = image;  
 }  
}

1. src\main\java\com\sonisuciadi\simorp\Model\mDetailsOrder.java

package com.sonisuciadi.simorp.Model;  
  
public class mDetailsOrder {  
 int id, stok,hargaJual,hargaBeli;  
 String nama, image;  
 int jumlah,subtotal;  
  
 public int getId() {  
 return id;  
 }  
  
 public void setId(int id) {  
 this.id = id;  
 }  
  
 public int getStok() {  
 return stok;  
 }  
  
 public void setStok(int stok) {  
 this.stok = stok;  
 }  
  
 public int getHargaJual() {  
 return hargaJual;  
 }  
  
 public void setHargaJual(int hargaJual) {  
 this.hargaJual = hargaJual;  
 }  
  
 public int getHargaBeli() {  
 return hargaBeli;  
 }  
  
 public void setHargaBeli(int hargaBeli) {  
 this.hargaBeli = hargaBeli;  
 }  
  
 public String getNama() {  
 return nama;  
 }  
  
 public void setNama(String nama) {  
 this.nama = nama;  
 }  
  
 public String getImage() {  
 return image;  
 }  
  
 public void setImage(String image) {  
 this.image = image;  
 }  
  
 public int getJumlah() {  
 return jumlah;  
 }  
  
 public void setJumlah(int jumlah) {  
 this.jumlah = jumlah;  
 }  
  
 public int getSubtotal() {  
 return subtotal;  
 }  
  
 public void setSubtotal(int subtotal) {  
 this.subtotal = subtotal;  
 }  
}

1. src\main\java\com\sonisuciadi\simorp\Model\mNotification.java

package com.sonisuciadi.simorp.Model;  
  
public class mNotification {  
 int id;  
 String pesan,tanggal,judul;  
  
 public int getId() {  
 return id;  
 }  
  
 public void setId(int id) {  
 this.id = id;  
 }  
  
 public String getPesan() {  
 return pesan;  
 }  
  
 public void setPesan(String pesan) {  
 this.pesan = pesan;  
 }  
  
 public String getTanggal() {  
 return tanggal;  
 }  
  
 public void setTanggal(String tanggal) {  
 this.tanggal = tanggal;  
 }  
  
 public String getJudul() {  
 return judul;  
 }  
  
 public void setJudul(String judul) {  
 this.judul = judul;  
 }  
}

1. src\main\java\com\sonisuciadi\simorp\Model\mOrder.java

package com.sonisuciadi.simorp.Model;  
  
public class mOrder {  
 Integer id,total;  
 String tanggal,status, nama;  
  
 public Integer getId() {  
 return id;  
 }  
  
 public void setId(Integer id) {  
 this.id = id;  
 }  
  
 public Integer getTotal() {  
 return total;  
 }  
  
 public void setTotal(Integer total) {  
 this.total = total;  
 }  
  
 public String getTanggal() {  
 return tanggal;  
 }  
  
 public void setTanggal(String tanggal) {  
 this.tanggal = tanggal;  
 }  
  
 public String getStatus() {  
 return status;  
 }  
  
 public void setStatus(String status) {  
 this.status = status;  
 }  
  
 public String getNama() {  
 return nama;  
 }  
  
 public void setNama(String nama) {  
 this.nama = nama;  
 }  
}

1. src\main\java\com\sonisuciadi\simorp\Model\mUsers.java

package com.sonisuciadi.simorp.Model;  
  
public class mUsers {  
 Integer id,user\_update,workplaces;  
 String nama,alamat,ponsel,jabatan,password,update\_at,nama\_cabang;  
  
 public Integer getId() {  
 return id;  
 }  
  
 public void setId(Integer id) {  
 this.id = id;  
 }  
  
 public Integer getUser\_update() {  
 return user\_update;  
 }  
  
 public void setUser\_update(Integer user\_update) {  
 this.user\_update = user\_update;  
 }  
  
 public Integer getWorkplaces() {  
 return workplaces;  
 }  
  
 public void setWorkplaces(Integer workplaces) {  
 this.workplaces = workplaces;  
 }  
  
 public String getNama() {  
 return nama;  
 }  
  
 public void setNama(String nama) {  
 this.nama = nama;  
 }  
  
 public String getAlamat() {  
 return alamat;  
 }  
  
 public void setAlamat(String alamat) {  
 this.alamat = alamat;  
 }  
  
 public String getPonsel() {  
 return ponsel;  
 }  
  
 public void setPonsel(String ponsel) {  
 this.ponsel = ponsel;  
 }  
  
 public String getJabatan() {  
 return jabatan;  
 }  
  
 public void setJabatan(String jabatan) {  
 this.jabatan = jabatan;  
 }  
  
 public String getPassword() {  
 return password;  
 }  
  
 public void setPassword(String password) {  
 this.password = password;  
 }  
  
 public String getUpdate\_at() {  
 return update\_at;  
 }  
  
 public void setUpdate\_at(String update\_at) {  
 this.update\_at = update\_at;  
 }  
  
 public String getNama\_cabang() {  
 return nama\_cabang;  
 }  
  
 public void setNama\_cabang(String nama\_cabang) {  
 this.nama\_cabang = nama\_cabang;  
 }  
}

1. src\main\java\com\sonisuciadi\simorp\Response\rBarang.java

package com.sonisuciadi.simorp.Response;  
  
import com.sonisuciadi.simorp.Model.mBarang;  
import com.sonisuciadi.simorp.Model.mUsers;  
  
import java.util.List;  
  
public class rBarang {  
 private int kode;  
 private String pesan;  
 private List<mBarang> data;  
  
 public rBarang() {  
 this.kode = kode;  
 this.pesan = pesan;  
 this.data = data;  
 }  
  
 public int getKode() {  
 return kode;  
 }  
  
 public void setKode(int kode) {  
 this.kode = kode;  
 }  
  
 public String getPesan() {  
 return pesan;  
 }  
  
 public void setPesan(String pesan) {  
 this.pesan = pesan;  
 }  
  
 public List<mBarang> getData() {  
 return data;  
 }  
  
 public void setData(List<mBarang> data) {  
 this.data = data;  
 }  
}

1. src\main\java\com\sonisuciadi\simorp\Response\rDetailOrder.java

package com.sonisuciadi.simorp.Response;  
  
import com.sonisuciadi.simorp.Model.mDetailsOrder;  
  
import java.util.List;  
  
public class rDetailOrder {  
 int kode;  
 String pesan;  
 List<mDetailsOrder> data;  
  
 public int getKode() {  
 return kode;  
 }  
  
 public void setKode(int kode) {  
 this.kode = kode;  
 }  
  
 public String getPesan() {  
 return pesan;  
 }  
  
 public void setPesan(String pesan) {  
 this.pesan = pesan;  
 }  
  
 public List<mDetailsOrder> getData() {  
 return data;  
 }  
  
 public void setData(List<mDetailsOrder> data) {  
 this.data = data;  
 }  
}

1. src\main\java\com\sonisuciadi\simorp\Response\rNotification.java

package com.sonisuciadi.simorp.Response;  
  
import com.sonisuciadi.simorp.Model.mBarang;  
import com.sonisuciadi.simorp.Model.mNotification;  
  
import java.util.List;  
  
public class rNotification {  
 private int kode;  
 private String pesan;  
 private List<mNotification> data;  
  
 public int getKode() {  
 return kode;  
 }  
  
 public void setKode(int kode) {  
 this.kode = kode;  
 }  
  
 public String getPesan() {  
 return pesan;  
 }  
  
 public void setPesan(String pesan) {  
 this.pesan = pesan;  
 }  
  
 public List<mNotification> getData() {  
 return data;  
 }  
  
 public void setData(List<mNotification> data) {  
 this.data = data;  
 }  
}

1. src\main\java\com\sonisuciadi\simorp\Response\rOrder.java

package com.sonisuciadi.simorp.Response;  
  
import com.sonisuciadi.simorp.Model.mOrder;  
  
import java.util.List;  
  
public class rOrder {  
 int kode;  
 String pesan;  
 List<mOrder> data;  
  
 public List<mOrder> getData() {  
 return data;  
 }  
  
 public void setData(List<mOrder> data) {  
 this.data = data;  
 }  
  
 public int getKode() {  
 return kode;  
 }  
  
 public void setKode(int kode) {  
 this.kode = kode;  
 }  
  
 public String getPesan() {  
 return pesan;  
 }  
  
 public void setPesan(String pesan) {  
 this.pesan = pesan;  
 }  
}

1. src\main\java\com\sonisuciadi\simorp\Response\rUser.java

package com.sonisuciadi.simorp.Response;  
  
import com.sonisuciadi.simorp.Model.mUsers;  
  
import java.util.List;  
  
public class rUser {  
 private int kode;  
 private String pesan;  
 private List<mUsers> data;  
  
 public int getKode() {  
 return kode;  
 }  
  
 public void setKode(int kode) {  
 this.kode = kode;  
 }  
  
 public String getPesan() {  
 return pesan;  
 }  
  
 public void setPesan(String pesan) {  
 this.pesan = pesan;  
 }  
  
 public List<mUsers> getData() {  
 return data;  
 }  
  
 public void setData(List<mUsers> data) {  
 this.data = data;  
 }  
}

1. src\main\java\com\sonisuciadi\simorp\CartActivity.java

package com.sonisuciadi.simorp;  
  
import androidx.appcompat.app.AlertDialog;  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.recyclerview.widget.LinearLayoutManager;  
import androidx.recyclerview.widget.RecyclerView;  
  
import android.content.DialogInterface;  
import android.content.Intent;  
import android.database.Cursor;  
import android.os.Bundle;  
import android.text.Editable;  
import android.view.View;  
import android.widget.Button;  
import android.widget.DatePicker;  
import android.widget.TextView;  
import android.widget.Toast;  
  
import com.sonisuciadi.simorp.API.APIRequestData;  
import com.sonisuciadi.simorp.API.RetroServer;  
import com.sonisuciadi.simorp.Adapter.BarangAdapter;  
import com.sonisuciadi.simorp.Adapter.DetailsOrderAdapter;  
import com.sonisuciadi.simorp.DataBaseHelper.DetailsOrderDataBaseHelper;  
import com.sonisuciadi.simorp.DataBaseHelper.DetailsOrderDataBaseHelperSeles;  
import com.sonisuciadi.simorp.DataBaseHelper.UsersDataBaseHelper;  
import com.sonisuciadi.simorp.Model.mBarang;  
import com.sonisuciadi.simorp.Model.mDetailsOrder;  
import com.sonisuciadi.simorp.Response.rBarang;  
import com.sonisuciadi.simorp.Response.rOrder;  
  
import java.text.NumberFormat;  
import java.text.SimpleDateFormat;  
import java.time.LocalDate;  
import java.time.ZoneId;  
import java.util.ArrayList;  
import java.util.Date;  
import java.util.List;  
import java.util.Locale;  
import java.util.Random;  
  
import retrofit2.Call;  
import retrofit2.Callback;  
import retrofit2.Response;  
  
public class CartActivity extends AppCompatActivity {  
 RecyclerView rvCart;  
 List<mDetailsOrder> mdata;  
 DetailsOrderAdapter detailsOrderAdapter;  
 TextView tvTotal;  
 Button btnPesan;  
 Date date = new Date();*//Get system time* SimpleDateFormat sdf = new SimpleDateFormat("yyyy-MM-dd");  
 Locale localeID = new Locale("in", "ID");  
 NumberFormat formatRupiah = NumberFormat.*getCurrencyInstance*(localeID);  
 String db;  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_cart*);  
 rvCart = findViewById(R.id.*rv\_cart*);  
 tvTotal = findViewById(R.id.*tv\_total*);  
 Intent i= getIntent();  
 db=i.getStringExtra("Activity");  
  
  
  
 setRvCart();  
 TextView btnBack = findViewById(R.id.*btn\_back\_cart*);  
 btnBack.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 Intent intent = new Intent(CartActivity.this, OrderActivity.class);  
 intent.putExtra("Activity",getIntent().getStringExtra("Activity"));  
 startActivity(intent);  
 overridePendingTransition(R.anim.*push\_up\_in*, R.anim.*push\_up\_out*);  
 finish();  
  
 }  
 });  
  
 btnPesan=findViewById(R.id.*btn\_pesan*);  
 btnPesan.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 String idPesanan=insertOrder();  
 if (db.equals("Order")){  
 DetailsOrderDataBaseHelper detailsOrderDataBaseHelper=new DetailsOrderDataBaseHelper(CartActivity.this);  
 detailsOrderDataBaseHelper.deleteAllRecord();  
 }else {  
 DetailsOrderDataBaseHelperSeles detailsOrderDataBaseHelper=new DetailsOrderDataBaseHelperSeles(CartActivity.this);  
 detailsOrderDataBaseHelper.deleteAllRecord();  
 }  
 btnPesan.setEnabled(false);  
  
  
 }  
 });  
 }  
  
 public String insertOrder(){  
 Date date = new Date();  
 SimpleDateFormat simpleDateFormatDay = new SimpleDateFormat("dd");  
 String day = String.*valueOf*(simpleDateFormatDay.format(date));  
 SimpleDateFormat simpleDateFormatMonth = new SimpleDateFormat("MM");  
 String month = String.*valueOf*(simpleDateFormatMonth.format(date));  
 Random rand = new Random();  
 Integer pesanan=rand.nextInt((9999 - 1000) + 1) + 1000;  
 String idPesanan=day+month+pesanan.toString();  
*// Toast.makeText(this, idPesanan, Toast.LENGTH\_SHORT).show();* SimpleDateFormat simpleDateFormat = new SimpleDateFormat("yyyy-MM-dd");  
 String timeStamp=simpleDateFormat.format(date);  
 Toast.*makeText*(this, timeStamp.toString(), Toast.*LENGTH\_SHORT*).show();  
 APIRequestData apiRequestData=RetroServer.*konekRetrofit*().create(APIRequestData.class);  
 Integer idUser=null;  
 UsersDataBaseHelper usersDataBaseHelper=new UsersDataBaseHelper(CartActivity.this);  
 Cursor userIdentity=usersDataBaseHelper.getUser();  
 while (userIdentity.moveToNext()){  
 idUser=userIdentity.getInt(0);  
 }  
  
 if (db.equals("Order")){  
 Call<rOrder> rOrderCall= apiRequestData.InsertOrder(Integer.valueOf(idPesanan),idUser,timeStamp.toString(),detailsOrderAdapter.getTotal(),idUser);  
 rOrderCall.enqueue(new Callback<rOrder>() {  
 @Override  
 public void onResponse(Call<rOrder> call, Response<rOrder> response) {  
 Toast.makeText(CartActivity.this, response.body().getPesan(), Toast.LENGTH\_SHORT).show();  
 }  
  
 @Override  
 public void onFailure(Call<rOrder> call, Throwable t) {  
 Toast.makeText(CartActivity.this, t.toString(), Toast.LENGTH\_SHORT).show();  
 }  
 });  
 for (int i=0;i<mdata.size();i++){  
 Call<rOrder> call=apiRequestData.InsertDetailOrder(Integer.valueOf(idPesanan),mdata.get(i).getId(),mdata.get(i).getHargaBeli(),mdata.get(i).getJumlah());  
 call.enqueue(new Callback() {  
 @Override  
 public void onResponse(Call call, Response response) {  
 Toast.makeText(CartActivity.this, "Berhasil", Toast.LENGTH\_SHORT).show();  
 }  
  
 @Override  
 public void onFailure(Call call, Throwable t) {  
  
 }  
 });  
 }  
 Intent intent=new Intent(CartActivity.this,SuccesActivity.class);  
 intent.putExtra("id\_pesanan",idPesanan);  
 startActivity(intent);  
 }else {  
 Call<rOrder> rOrderCall= apiRequestData.InsertSales(Integer.valueOf(idPesanan),idUser,timeStamp,detailsOrderAdapter.getTotal(),detailsOrderAdapter.getUntung());  
 rOrderCall.enqueue(new Callback<rOrder>() {  
 @Override  
 public void onResponse(Call<rOrder> call, Response<rOrder> response) {  
 Toast.makeText(CartActivity.this, response.body().getPesan(), Toast.LENGTH\_SHORT).show();  
 }  
  
 @Override  
 public void onFailure(Call<rOrder> call, Throwable t) {  
 Toast.makeText(CartActivity.this, t.toString(), Toast.LENGTH\_SHORT).show();  
 }  
 });  
 for (int i=0;i<mdata.size();i++){  
 Call<rOrder> call=apiRequestData.InsertDetailSeles(Integer.valueOf(idPesanan),mdata.get(i).getId(),mdata.get(i).getHargaJual(),mdata.get(i).getJumlah());  
 call.enqueue(new Callback() {  
 @Override  
 public void onResponse(Call call, Response response) {  
 Toast.makeText(CartActivity.this, "Berhasil", Toast.LENGTH\_SHORT).show();  
 }  
  
 @Override  
 public void onFailure(Call call, Throwable t) {  
 Toast.makeText(CartActivity.this, t.toString(), Toast.LENGTH\_SHORT).show();  
 }  
 });  
 }  
 Intent intent=new Intent(CartActivity.this,SuccesActivity.class);  
 intent.putExtra("id\_pesanan",idPesanan);  
 startActivity(intent);  
 }  
  
  
  
 return idPesanan;  
 }  
  
 public void confirmDelete(Integer id) {  
 new AlertDialog.Builder(this)  
 .setTitle("Confirmation")  
 .setMessage("Hapus Dari Keranjang?")  
 .setPositiveButton("Hapus", new DialogInterface.OnClickListener() {  
 @Override  
 public void onClick(DialogInterface dialogInterface, int i) {  
 if (db.equals("Order")){  
 DetailsOrderDataBaseHelper detailsOrderDataBaseHelper = new DetailsOrderDataBaseHelper(CartActivity.this);  
 long deleteItem = detailsOrderDataBaseHelper.deleteDetailOrder(String.valueOf(id));  
 Toast.makeText(CartActivity.this, "Berhasil Dihapus", Toast.LENGTH\_SHORT).show();  
 setRvCart();  
 }else {  
 DetailsOrderDataBaseHelperSeles detailsOrderDataBaseHelperSeles = new DetailsOrderDataBaseHelperSeles(CartActivity.this);  
 long deleteItem = detailsOrderDataBaseHelperSeles.deleteDetailOrder(String.valueOf(id));  
 Toast.makeText(CartActivity.this, "Berhasil Dihapus", Toast.LENGTH\_SHORT).show();  
 setRvCart();  
 }  
  
 }  
 })  
 .setNegativeButton("Cancel", new DialogInterface.OnClickListener() {  
 @Override  
 public void onClick(DialogInterface dialogInterface, int i) {  
 Toast.makeText(CartActivity.this, "Dibatalkan", Toast.LENGTH\_SHORT).show();  
 }  
 }).show();  
 }  
  
 public void retriveDetailOrder() {  
 mdata = new ArrayList<>();  
 DetailsOrderDataBaseHelper detailsOrderDataBaseHelper = new DetailsOrderDataBaseHelper(CartActivity.this);  
 Cursor getAll = detailsOrderDataBaseHelper.getDetailOrder();  
 APIRequestData apiRequestData = RetroServer.konekRetrofit().create(APIRequestData.class);  
  
 if (getAll.getCount() == 0) {  
*// mdata=null;* } else {  
 mDetailsOrder detailsOrder=new mDetailsOrder();  
 while (getAll.moveToNext()) {  
 detailsOrder = new mDetailsOrder();  
 detailsOrder.setId(getAll.getInt(0));  
 detailsOrder.setHargaBeli(getAll.getInt(1));  
 detailsOrder.setStok(getAll.getInt(2));  
 detailsOrder.setNama(getAll.getString(3));  
 detailsOrder.setJumlah(getAll.getInt(4));  
 detailsOrder.setImage(getAll.getString(5));  
  
 mdata.add(detailsOrder);  
  
  
 }  
 }  
 }  
 public void retriveSeles() {  
 mdata = new ArrayList<>();  
 DetailsOrderDataBaseHelperSeles detailsOrderDataBaseHelperSeles = new DetailsOrderDataBaseHelperSeles(CartActivity.this);  
 Cursor getAll = detailsOrderDataBaseHelperSeles.getDetailOrder();  
 APIRequestData apiRequestData = RetroServer.konekRetrofit().create(APIRequestData.class);  
  
 if (getAll.getCount() == 0) {  
*// mdata=null;* } else {  
 mDetailsOrder detailsOrder=new mDetailsOrder();  
 while (getAll.moveToNext()) {  
 detailsOrder = new mDetailsOrder();  
 detailsOrder.setId(getAll.getInt(0));  
 detailsOrder.setHargaJual(getAll.getInt(1));  
 detailsOrder.setStok(getAll.getInt(2));  
 detailsOrder.setNama(getAll.getString(3));  
 detailsOrder.setJumlah(getAll.getInt(4));  
 detailsOrder.setImage(getAll.getString(5));  
 detailsOrder.setHargaBeli(getAll.getInt(6));  
  
 mdata.add(detailsOrder);  
  
  
 }  
 }  
 }  
  
 public void setRvCart() {  
  
 if (db.equals("Order")){  
 retriveDetailOrder();  
 }else {  
 retriveSeles();  
 }  
 if (mdata.size() == 0) {  
 Intent intent = new Intent(CartActivity.this, CartNullActivity.class);  
 startActivity(intent);  
 finish();  
  
 } else {  
  
 final LinearLayoutManager layoutManager = new LinearLayoutManager(CartActivity.this);  
 layoutManager.setOrientation(LinearLayoutManager.VERTICAL);  
 rvCart.setLayoutManager(layoutManager);  
 detailsOrderAdapter = new DetailsOrderAdapter(CartActivity.this, mdata, new DetailsOrderAdapter.OnDeleteClickListener() {  
 @Override  
 public void onItemClick(mDetailsOrder item, int position) {  
 confirmDelete(item.getId());  
 }  
 }, new DetailsOrderAdapter.OnPlusClickListener() {  
 @Override  
 public void onPlusClick(mDetailsOrder item, int position) {  
 if (db.equals("Order")){  
 retriveDetailOrder();  
 }else {  
 retriveSeles();  
 }  
  
 setRvCart();  
*// retriveDetailOrder();  
// detailsOrderAdapter.notifyDataSetChanged();* }  
 }, new DetailsOrderAdapter.OnMinusClickListener() {  
 @Override  
 public void onMinusClick(mDetailsOrder item, int position) {  
 if (db.equals("Order")){  
 retriveDetailOrder();  
 }else {  
 retriveSeles();  
 }  
 setRvCart();  
  
*// detailsOrderAdapter.notifyDataSetChanged();* }  
 },db);  
  
 tvTotal.setText(formatRupiah.format(Double.valueOf(detailsOrderAdapter.getTotal())));  
 rvCart.setAdapter(detailsOrderAdapter);  
 detailsOrderAdapter.notifyDataSetChanged();  
*// }* }  
  
 }  
  
  
}

1. src\main\java\com\sonisuciadi\simorp\CartNullActivity.java

package com.sonisuciadi.simorp;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.content.Intent;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.TextView;  
  
public class CartNullActivity extends AppCompatActivity {  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.activity\_cart\_null);  
 TextView btnBack=findViewById(R.id.btn\_back\_cart);  
 btnBack.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 Intent intent=new Intent(CartNullActivity.this, HomeActivity.class);  
 startActivity(intent);  
 overridePendingTransition(R.anim.push\_up\_in, R.anim.push\_up\_out);  
 finish();  
  
 }  
 });  
 }  
}

1. src\main\java\com\sonisuciadi\simorp\DatePickerFragment.java

package com.sonisuciadi.simorp;  
  
import android.app.DatePickerDialog;  
import android.app.Dialog;  
import android.os.Bundle;  
import android.widget.DatePicker;  
import androidx.fragment.app.DialogFragment;  
  
import java.util.Calendar;  
  
public class DatePickerFragment extends DialogFragment {  
 private onDateClickListener onDateClickListener;  
 @Override  
 public Dialog onCreateDialog(Bundle savedInstanceState){  
 final Calendar calendar = Calendar.getInstance();  
 int tahun = calendar.get(Calendar.YEAR);  
 int bulan = calendar.get(Calendar.MONTH);  
 int hari = calendar.get(Calendar.DAY\_OF\_MONTH);  
 return new DatePickerDialog(getActivity(), new DatePickerDialog.OnDateSetListener() {  
 @Override  
 public void onDateSet(DatePicker datePicker, int i, int i1, int i2) {  
 onDateClickListener.onDateSet(datePicker, i, i1, i2);  
 }  
 }, tahun, bulan, hari);  
 }  
 public void setOnDateClickListener(onDateClickListener onDateClickListener){  
 if (onDateClickListener != null){  
 this.onDateClickListener= onDateClickListener;  
 }  
 }  
 public interface onDateClickListener{  
 void onDateSet(DatePicker datePicker, int i, int i1, int i2);  
 }  
  
}

1. src\main\java\com\sonisuciadi\simorp\HistoryActivity.java

package com.sonisuciadi.simorp;  
  
import androidx.appcompat.app.AlertDialog;  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.recyclerview.widget.LinearLayoutManager;  
import androidx.recyclerview.widget.RecyclerView;  
import androidx.swiperefreshlayout.widget.SwipeRefreshLayout;  
  
import android.content.DialogInterface;  
import android.content.Intent;  
import android.database.Cursor;  
import android.net.Uri;  
import android.os.Bundle;  
import android.view.LayoutInflater;  
import android.view.View;  
import android.widget.Button;  
import android.widget.DatePicker;  
import android.widget.TextView;  
import android.widget.Toast;  
  
import com.sonisuciadi.simorp.API.APIRequestData;  
import com.sonisuciadi.simorp.API.RetroServer;  
import com.sonisuciadi.simorp.Adapter.ItemDetailOrderAdapter;  
import com.sonisuciadi.simorp.Adapter.SalesOrderAdapter;  
import com.sonisuciadi.simorp.DataBaseHelper.UsersDataBaseHelper;  
import com.sonisuciadi.simorp.Model.mDetailsOrder;  
import com.sonisuciadi.simorp.Model.mOrder;  
import com.sonisuciadi.simorp.Response.rDetailOrder;  
import com.sonisuciadi.simorp.Response.rOrder;  
  
import java.text.NumberFormat;  
import java.text.SimpleDateFormat;  
import java.util.ArrayList;  
import java.util.Date;  
import java.util.List;  
import java.util.Locale;  
  
import retrofit2.Call;  
import retrofit2.Callback;  
import retrofit2.Response;  
  
public class HistoryActivity extends AppCompatActivity {  
 List<mOrder> mdata;  
 List<mDetailsOrder> mdatadetailorder;  
 RecyclerView rvHistory;  
 TextView tvDatePicker;  
 Button btnSearch;  
 SwipeRefreshLayout sRLayout;  
 Locale localeID = new Locale("in", "ID");  
 NumberFormat formatRupiah = NumberFormat.getCurrencyInstance(localeID);  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.activity\_history);  
 TextView btnBack=findViewById(R.id.btn\_back\_history);  
 tvDatePicker=findViewById(R.id.date\_picker);  
 Date date = new Date();*//Get system time* SimpleDateFormat sdf = new SimpleDateFormat("yyyy-MM-dd");  
 String nowTime = sdf.format(date);  
 tvDatePicker.setText(nowTime);  
 btnSearch=findViewById(R.id.btn\_search\_history\_Order);  
 btnSearch.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 setRvOrderStatus();  
 }  
 });  
 tvDatePicker.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 TampilTanggal();  
}  
 });  
  
 btnBack.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 Intent intent=new Intent(HistoryActivity.this, HomeActivity.class);  
 startActivity(intent);  
 overridePendingTransition(R.anim.push\_up\_in, R.anim.push\_up\_out);  
 finish();  
  
 }  
 });  
 setRvOrderStatus();  
 }  
  
 public void TampilTanggal(){  
 DatePickerFragment datePickerFragment = new DatePickerFragment();  
 datePickerFragment.show(getSupportFragmentManager(), "data");  
 datePickerFragment.setOnDateClickListener(new DatePickerFragment.onDateClickListener() {  
 @Override  
 public void onDateSet(DatePicker datePicker, int i, int i1, int i2) {  
 String tahun = ""+datePicker.getYear();  
 String bulan = "0"+(datePicker.getMonth()+1);  
 String hari = ""+datePicker.getDayOfMonth();  
 String text = tahun+"-"+bulan+"-"+hari;  
 tvDatePicker.setText(text);  
 }  
 });  
 }  
  
 private String formatRupiah(Double number){  
 Locale localeID = new Locale("in", "ID");  
 NumberFormat formatRupiah = NumberFormat.getCurrencyInstance(localeID);  
 return formatRupiah.format(number);  
 }  
 public void setRvOrderStatus(){  
 Integer workplaces=Integer.valueOf(getIntent().getStringExtra("branch"));  
 rvHistory=findViewById(R.id.rv\_history);  
APIRequestData apiRequestData= RetroServer.konekRetrofit().create(APIRequestData.class);  
 Call<rOrder> mOrderCall=apiRequestData.getAllOrder(workplaces,tvDatePicker.getText().toString());  
 mOrderCall.enqueue(new Callback<rOrder>() {  
 @Override  
 public void onResponse(Call<rOrder> call, Response<rOrder> response) {  
 mdata=new ArrayList<>();  
  
 if (Integer.valueOf(response.body().getKode())==1){  
 mdata=response.body().getData();  
  
 SalesOrderAdapter salesOrderAdapter =new SalesOrderAdapter(mdata, HistoryActivity.this, new SalesOrderAdapter.OnItemClickListener() {  
 @Override  
 public void onItemClick(mOrder item, int position) {  
 showDetailOrder(item.getId(),item.getTanggal(),item.getTotal(),item.getStatus());  
 }  
 });  
 final LinearLayoutManager layoutManager = new LinearLayoutManager(HistoryActivity.this);  
 layoutManager.setOrientation(LinearLayoutManager.VERTICAL);  
 rvHistory.setLayoutManager(layoutManager);  
 rvHistory.setAdapter(salesOrderAdapter);  
 salesOrderAdapter.notifyDataSetChanged();  
 }else {  
 Toast.makeText(HistoryActivity.this, "Tidak ada transaksi", Toast.LENGTH\_SHORT).show();  
 }  
   
 }  
  
 @Override  
 public void onFailure(Call<rOrder> call, Throwable t) {  
 Toast.makeText(HistoryActivity.this, t.toString(), Toast.LENGTH\_SHORT).show();  
 }  
 });  
 }  
 @Override  
 public void onBackPressed() {  
 Intent intent=new Intent(HistoryActivity.this, HomeActivity.class);  
 startActivity(intent);  
 overridePendingTransition(R.anim.push\_up\_in, R.anim.push\_up\_out);  
 finish();  
  
 }  
 public void showDetailOrder(Integer idPesanan, String tanggalPesanan, Integer total, String status){  
 mdatadetailorder=new ArrayList<>();  
 View dialogView;  
 RecyclerView rvitemorder;  
 LayoutInflater inflater;  
 AlertDialog.Builder dialog;  
 TextView tvIdForm,tvTanggalForm, tvTotalForm, tvStatusForm;  
 dialog= new AlertDialog.Builder(HistoryActivity.this);  
 inflater = getLayoutInflater();  
 dialogView = inflater.inflate(R.layout.form\_detail\_order, null);  
 dialog.setView(dialogView);  
 dialog.setCancelable(true);  
 dialog.setTitle("Detail Order");  
 rvitemorder=dialogView.findViewById(R.id.rv\_detail\_order);  
 tvIdForm=dialogView.findViewById(R.id.id\_pesanan\_form);  
 tvTanggalForm=dialogView.findViewById(R.id.tanggal\_pesanan\_form);  
 tvTotalForm=dialogView.findViewById(R.id.total\_form);  
 tvStatusForm=dialogView.findViewById(R.id.status\_pesanan\_form);  
 tvIdForm.setText(String.valueOf(idPesanan));  
 tvTanggalForm.setText(tanggalPesanan);  
 tvTotalForm.setText(String.valueOf(formatRupiah(Double.valueOf(total))));  
 tvStatusForm.setText(status);  
 if (status.equals("Not Approve")){  
 dialog.setPositiveButton("Konfirmasi Pembayaran", new DialogInterface.OnClickListener() {  
 @Override  
 public void onClick(DialogInterface dialogInterface, int i) {  
 String url="https://api.whatsapp.com/send?phone=08117858100&text=Saya Mau Konfirmasi Pembayaran Dengan Nomor Order "+idPesanan;  
 Intent intent = new Intent(Intent.ACTION\_VIEW, Uri.parse(url));  
 startActivity(intent);  
 }  
 });  
 }  
 APIRequestData apiRequestData=RetroServer.konekRetrofit().create(APIRequestData.class);  
 Call<rDetailOrder> mDetailsOrderCall= apiRequestData.getDetailOrder(idPesanan);  
 mDetailsOrderCall.enqueue(new Callback<rDetailOrder>() {  
 @Override  
 public void onResponse(Call<rDetailOrder> call, Response<rDetailOrder> response) {  
 mdatadetailorder=response.body().getData();  
 ItemDetailOrderAdapter itemDetailOrderAdapter=new ItemDetailOrderAdapter(mdatadetailorder, "History");  
 final LinearLayoutManager layoutManager = new LinearLayoutManager(dialogView.getContext());  
 layoutManager.setOrientation(LinearLayoutManager.VERTICAL);  
 rvitemorder.setLayoutManager(layoutManager);  
 rvitemorder.setAdapter(itemDetailOrderAdapter);  
 itemDetailOrderAdapter.notifyDataSetChanged();  
 }  
  
 @Override  
 public void onFailure(Call<rDetailOrder> call, Throwable t) {  
  
 }  
 });  
  
 dialog.show();  
 dialog.setOnDismissListener(new DialogInterface.OnDismissListener() {  
 @Override  
 public void onDismiss(DialogInterface dialogInterface) {  
 setRvOrderStatus();  
 }  
 });  
 }  
  
}

1. src\main\java\com\sonisuciadi\simorp\HomeActivity.java

package com.sonisuciadi.simorp;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.content.Intent;  
import android.database.Cursor;  
import android.os.Bundle;  
import android.os.Handler;  
import android.view.View;  
import android.widget.Button;  
import android.widget.TextView;  
import android.widget.Toast;  
  
import com.sonisuciadi.simorp.DataBaseHelper.UsersDataBaseHelper;  
import com.sonisuciadi.simorp.Model.mUsers;  
  
import java.util.ArrayList;  
import java.util.List;  
  
public class HomeActivity extends AppCompatActivity {  
 Button btnOrder, btnSales, btnHistory, btnProfile, btnNotification, btnIncome;  
 List<mUsers> user = new ArrayList<>();  
 TextView username, id, wellcome;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_home*);  
 setUserIdentity();  
  
 btnOrder = findViewById(R.id.*btn\_order*);  
 btnSales = findViewById(R.id.*btn\_sales*);  
 btnNotification = findViewById(R.id.*btn\_warehouse*);  
 btnIncome = findViewById(R.id.*btn\_income*);  
 btnHistory = findViewById(R.id.*btn\_history*);  
 btnProfile = findViewById(R.id.*btn\_profil*);  
 btnNotification.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 Intent intent = new Intent(HomeActivity.this, NotificationActivity.class);  
  
 startActivity(intent);  
 overridePendingTransition(R.anim.*push\_up\_in*, R.anim.*push\_up\_out*);  
 finish();  
 }  
 });  
  
 btnOrder.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 Intent intent = new Intent(HomeActivity.this, OrderActivity.class);  
 intent.putExtra("Activity", "Order");  
 intent.putExtra("userId", user.get(0).getId().toString());  
 intent.putExtra("branch", user.get(0).getWorkplaces().toString());  
  
 startActivity(intent);  
 overridePendingTransition(R.anim.*push\_up\_in*, R.anim.*push\_up\_out*);  
 finish();  
 }  
 });  
 btnHistory.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 Intent intent = new Intent(HomeActivity.this, HistoryActivity.class);  
 intent.putExtra("branch", user.get(0).getWorkplaces().toString());  
 startActivity(intent);  
 overridePendingTransition(R.anim.*push\_up\_in*, R.anim.*push\_up\_out*);  
 finish();  
 }  
 });  
 btnIncome.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 Intent intent = new Intent(HomeActivity.this, IncomeActivity.class);  
 intent.putExtra("branch", user.get(0).getWorkplaces().toString());  
 startActivity(intent);  
 overridePendingTransition(R.anim.*push\_up\_in*, R.anim.*push\_up\_out*);  
 finish();  
 }  
 });  
 btnSales.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 Intent intent = new Intent(HomeActivity.this, OrderActivity.class);  
 intent.putExtra("Activity", "Seles");  
 intent.putExtra("userId", user.get(0).getId().toString());  
 intent.putExtra("branch", user.get(0).getWorkplaces().toString());  
 startActivity(intent);  
 overridePendingTransition(R.anim.*push\_up\_in*, R.anim.*push\_up\_out*);  
 finish();  
 }  
 });  
 btnProfile.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 Intent intent = new Intent(HomeActivity.this, ProfilActivity.class);  
 startActivity(intent);  
 overridePendingTransition(R.anim.*push\_up\_in*, R.anim.*push\_up\_out*);  
 finish();  
 }  
 });  
  
 }  
  
 boolean doubleBackToExitPressedOnce = false;  
  
 @Override  
 public void onBackPressed() {  
 if (doubleBackToExitPressedOnce) {  
 super.onBackPressed();  
 return;  
 }  
  
 this.doubleBackToExitPressedOnce = true;  
 Toast.*makeText*(this, "Please click BACK again to exit", Toast.*LENGTH\_SHORT*).show();  
  
 new Handler().postDelayed(new Runnable() {  
  
 @Override  
 public void run() {  
 doubleBackToExitPressedOnce = false;  
 }  
 }, 2000);  
 }  
  
 public void setUserIdentity() {  
 UsersDataBaseHelper usersDataBaseHelper = new UsersDataBaseHelper(HomeActivity.this);  
 Cursor userIdentity = usersDataBaseHelper.getUser();  
 mUsers muser = new mUsers();  
 username = findViewById(R.id.*tv\_namauser*);  
 id = findViewById(R.id.*tv\_id\_user*);  
 wellcome = findViewById(R.id.*tv\_wellcome*);  
  
 while (userIdentity.moveToNext()) {  
 muser = new mUsers();  
 muser.setId(userIdentity.getInt(0));  
 muser.setNama(userIdentity.getString(1));  
 muser.setAlamat(userIdentity.getString(2));  
 muser.setPonsel(userIdentity.getString(3));  
 muser.setWorkplaces(userIdentity.getInt(4));  
 muser.setJabatan(userIdentity.getString(5));  
 muser.setPassword(userIdentity.getString(6));  
 muser.setUser\_update(userIdentity.getInt(7));  
 muser.setUpdate\_at(userIdentity.getString(8));  
 muser.setNama\_cabang(userIdentity.getString(9));  
 user.add(muser);  
 }  
 username.setText(user.get(0).getNama());  
 id.setText(user.get(0).getId().toString());  
 wellcome.setText(user.get(0).getNama\_cabang().toString());  
 }  
}

1. src\main\java\com\sonisuciadi\simorp\IncomeActivity.java

package com.sonisuciadi.simorp;  
  
import androidx.appcompat.app.AlertDialog;  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.recyclerview.widget.LinearLayoutManager;  
import androidx.recyclerview.widget.RecyclerView;  
  
import android.content.DialogInterface;  
import android.content.Intent;  
import android.net.Uri;  
import android.os.Bundle;  
import android.util.Log;  
import android.view.LayoutInflater;  
import android.view.View;  
import android.widget.Button;  
import android.widget.DatePicker;  
import android.widget.TextView;  
import android.widget.Toast;  
  
import com.sonisuciadi.simorp.API.APIRequestData;  
import com.sonisuciadi.simorp.API.RetroServer;  
import com.sonisuciadi.simorp.Adapter.ItemDetailOrderAdapter;  
import com.sonisuciadi.simorp.Adapter.SalesOrderAdapter;  
import com.sonisuciadi.simorp.Model.mDetailsOrder;  
import com.sonisuciadi.simorp.Model.mOrder;  
import com.sonisuciadi.simorp.Response.rBarang;  
import com.sonisuciadi.simorp.Response.rDetailOrder;  
import com.sonisuciadi.simorp.Response.rOrder;  
  
import java.text.NumberFormat;  
import java.text.SimpleDateFormat;  
import java.util.ArrayList;  
import java.util.Date;  
import java.util.List;  
import java.util.Locale;  
  
import retrofit2.Call;  
import retrofit2.Callback;  
import retrofit2.Response;  
  
public class IncomeActivity extends AppCompatActivity {  
 TextView tvDatePicker;  
 Button btnSearch;  
 RecyclerView rvIncome;  
 List<mOrder> mdata;  
 List<mDetailsOrder> mdatadetailorder;  
 Date date = new Date();*//Get system time* SimpleDateFormat sdf = new SimpleDateFormat("yyyy-MM-dd");  
 Locale localeID = new Locale("in", "ID");  
 NumberFormat formatRupiah = NumberFormat.*getCurrencyInstance*(localeID);  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_income*);  
 TextView btnBack = findViewById(R.id.*btn\_back\_income*);  
 btnBack.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 Intent intent = new Intent(IncomeActivity.this, HomeActivity.class);  
 startActivity(intent);  
 overridePendingTransition(R.anim.*push\_up\_in*, R.anim.*push\_up\_out*);  
 finish();  
 }  
 });  
 tvDatePicker = findViewById(R.id.*date\_picker*);  
  
 String nowTime = sdf.format(date);  
 tvDatePicker.setText(nowTime);  
 tvDatePicker.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 TampilTanggal();  
}  
 });  
 btnSearch = findViewById(R.id.*btn\_search\_income*);  
 btnSearch.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 setRvIncome();  
 }  
 });  
 setRvIncome();  
  
 }  
  
 @Override  
 public void onBackPressed() {  
 Intent intent = new Intent(IncomeActivity.this, HomeActivity.class);  
 startActivity(intent);  
 overridePendingTransition(R.anim.*push\_up\_in*, R.anim.*push\_up\_out*);  
 finish();  
  
 }  
  
 public void TampilTanggal() {  
 DatePickerFragment datePickerFragment = new DatePickerFragment();  
 datePickerFragment.show(getSupportFragmentManager(), "data");  
 datePickerFragment.setOnDateClickListener(new DatePickerFragment.onDateClickListener() {  
 @Override  
 public void onDateSet(DatePicker datePicker, int i, int i1, int i2) {  
 String tahun = "" + datePicker.getYear();  
 String bulan = "0" + (datePicker.getMonth() + 1);  
 String hari = "" + datePicker.getDayOfMonth();  
 String text = tahun + "-" + bulan + "-" + hari;  
 tvDatePicker.setText(text);  
 }  
 });  
 }  
  
 public void setRvIncome() {  
 int branch = Integer.*valueOf*(getIntent().getStringExtra("branch"));  
 rvIncome = findViewById(R.id.*rv\_income*);  
 APIRequestData apiRequestData = RetroServer.*konekRetrofit*().create(APIRequestData.class);  
 Call<rOrder> mOrderCall = apiRequestData.getAllSeles(branch, tvDatePicker.getText().toString());  
 mOrderCall.enqueue(new Callback<rOrder>() {  
 @Override  
 public void onResponse(Call<rOrder> call, Response<rOrder> response) {  
 int subtot = 0;  
 mdata = new ArrayList<>();  
 if (response.body().getKode() == 1) {  
 mdata = response.body().getData();  
 SalesOrderAdapter salesOrderAdapter = new SalesOrderAdapter(mdata, IncomeActivity.this, new SalesOrderAdapter.OnItemClickListener() {  
 @Override  
 public void onItemClick(mOrder item, int position) {  
 showDetailOrder(item.getId(), item.getTanggal(), item.getTotal(), item.getStatus());  
 }  
 });  
 final LinearLayoutManager layoutManager = new LinearLayoutManager(IncomeActivity.this);  
 layoutManager.setOrientation(LinearLayoutManager.*VERTICAL*);  
 rvIncome.setLayoutManager(layoutManager);  
 rvIncome.setAdapter(salesOrderAdapter);  
 salesOrderAdapter.notifyDataSetChanged();  
 for (int i = 0; i < mdata.size(); i++) {  
 if (mdata.get(i).getStatus().toString().equals("Selesai")) {  
 subtot += mdata.get(i).getTotal();  
 }  
 }  
 TextView total = findViewById(R.id.*tv\_total*);  
 total.setText(formatRupiah((double) subtot));  
 } else {  
 Toast.*makeText*(IncomeActivity.this, "Tidak Ada Transaksi", Toast.*LENGTH\_SHORT*).show();  
 }  
  
 }  
  
 @Override  
 public void onFailure(Call<rOrder> call, Throwable t) {  
  
 }  
 });  
 }  
  
 private String formatRupiah(Double number) {  
 Locale localeID = new Locale("in", "ID");  
 NumberFormat formatRupiah = NumberFormat.*getCurrencyInstance*(localeID);  
 return formatRupiah.format(number);  
 }  
  
 public void showDetailOrder(Integer idPesanan, String tanggalPesanan, Integer total, String status) {  
 mdatadetailorder = new ArrayList<>();  
 View dialogView;  
 RecyclerView rvitemorder;  
 LayoutInflater inflater;  
 AlertDialog.Builder dialog;  
 TextView tvIdForm, tvTanggalForm, tvTotalForm, tvStatusForm;  
 dialog = new AlertDialog.Builder(IncomeActivity.this);  
 inflater = getLayoutInflater();  
 dialogView = inflater.inflate(R.layout.*form\_detail\_order*, null);  
 dialog.setView(dialogView);  
 dialog.setCancelable(true);  
 dialog.setTitle("Detail Order");  
 rvitemorder = dialogView.findViewById(R.id.*rv\_detail\_order*);  
 tvIdForm = dialogView.findViewById(R.id.*id\_pesanan\_form*);  
 tvTanggalForm = dialogView.findViewById(R.id.*tanggal\_pesanan\_form*);  
 tvTotalForm = dialogView.findViewById(R.id.*total\_form*);  
 tvStatusForm = dialogView.findViewById(R.id.*status\_pesanan\_form*);  
 tvIdForm.setText(String.*valueOf*(idPesanan));  
 tvTanggalForm.setText(tanggalPesanan);  
 tvTotalForm.setText(String.*valueOf*(formatRupiah(Double.*valueOf*(total))));  
 tvStatusForm.setText(status);  
 Integer idbranch = Integer.*valueOf*(getIntent().getStringExtra("branch"));  
 Toast.*makeText*(this, idbranch.toString(), Toast.*LENGTH\_SHORT*).show();  
 if (status.equals("Selesai") && tanggalPesanan.equals(sdf.format(date).toString())) {  
 dialog.setPositiveButton("Cancel", new DialogInterface.OnClickListener() {  
 @Override  
 public void onClick(DialogInterface dialogInterface, int i) {  
 APIRequestData apiRequestData = RetroServer.*konekRetrofit*().create(APIRequestData.class);  
 Call<rBarang> koreksi = apiRequestData.koreksiSales(Integer.*valueOf*(idPesanan));  
 koreksi.enqueue(new Callback<rBarang>() {  
 @Override  
 public void onResponse(Call<rBarang> call, Response<rBarang> response) {  
 tvStatusForm.setText("Cancel");  
 Toast.*makeText*(IncomeActivity.this, idPesanan.toString(), Toast.*LENGTH\_SHORT*).show();  
 }  
  
 @Override  
 public void onFailure(Call<rBarang> call, Throwable t) {  
  
 }  
 });  
 for (int j = 0; j < mdata.size(); j++) {  
 Call revers = apiRequestData.reversStok(idbranch, mdatadetailorder.get(j).getId(), mdatadetailorder.get(j).getJumlah());  
 revers.enqueue(new Callback<rBarang>() {  
 @Override  
 public void onResponse(Call<rBarang> call, Response<rBarang> response) {  
 Toast.*makeText*(IncomeActivity.this, "berhasil", Toast.*LENGTH\_SHORT*).show();  
 }  
  
 @Override  
 public void onFailure(Call<rBarang> call, Throwable t) {  
 Toast.*makeText*(IncomeActivity.this, t.toString(), Toast.*LENGTH\_SHORT*).show();  
 }  
 });  
 }  
 setRvIncome();  
 }  
 });  
 }  
 APIRequestData apiRequestData = RetroServer.*konekRetrofit*().create(APIRequestData.class);  
 Call<rDetailOrder> mDetailsOrderCall = apiRequestData.getDetailSales(idPesanan);  
 mDetailsOrderCall.enqueue(new Callback<rDetailOrder>() {  
 @Override  
 public void onResponse(Call<rDetailOrder> call, Response<rDetailOrder> response) {  
 mdatadetailorder = response.body().getData();  
 if (mdatadetailorder.size() > 0) {  
 ItemDetailOrderAdapter itemDetailOrderAdapter = new ItemDetailOrderAdapter(mdatadetailorder, "Income");  
 final LinearLayoutManager layoutManager = new LinearLayoutManager(dialogView.getContext());  
 layoutManager.setOrientation(LinearLayoutManager.*VERTICAL*);  
 rvitemorder.setLayoutManager(layoutManager);  
 rvitemorder.setAdapter(itemDetailOrderAdapter);  
 itemDetailOrderAdapter.notifyDataSetChanged();  
 } else {  
 Toast.*makeText*(IncomeActivity.this, "Galat", Toast.*LENGTH\_SHORT*).show();  
 }}  
  
 @Override  
 public void onFailure(Call<rDetailOrder> call, Throwable t) {  
  
 }  
 });  
 dialog.show();  
 dialog.setOnDismissListener(new DialogInterface.OnDismissListener() {  
 @Override  
 public void onDismiss(DialogInterface dialogInterface) {  
 setRvIncome();  
 }  
 });  
 }  
}

1. src\main\java\com\sonisuciadi\simorp\LoginActivity.java

package com.sonisuciadi.simorp;  
  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.core.app.ActivityCompat;  
import androidx.core.content.ContextCompat;  
  
import android.Manifest;  
import android.content.Intent;  
import android.content.pm.PackageManager;  
import android.os.Bundle;  
import android.os.Handler;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
import android.widget.Toast;  
  
import com.sonisuciadi.simorp.API.APIRequestData;  
import com.sonisuciadi.simorp.API.RetroServer;  
import com.sonisuciadi.simorp.DataBaseHelper.UsersDataBaseHelper;  
import com.sonisuciadi.simorp.Model.mUsers;  
import com.sonisuciadi.simorp.Response.rUser;  
  
import java.util.ArrayList;  
import java.util.List;  
  
import retrofit2.Call;  
import retrofit2.Callback;  
import retrofit2.Response;  
  
public class LoginActivity extends AppCompatActivity {  
 Button btnLogin,btnReset;  
 Button btnBack;  
 private List<mUsers> dataModels=new ArrayList<>();  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.activity\_login);  
 if (ContextCompat.checkSelfPermission(LoginActivity.this, Manifest.permission.ACCESS\_NETWORK\_STATE) !=  
 PackageManager.PERMISSION\_GRANTED) {  
 ActivityCompat.requestPermissions(this, new String[] {Manifest.permission.ACCESS\_NETWORK\_STATE},  
 50); }  
 if (ContextCompat.checkSelfPermission(LoginActivity.this, Manifest.permission.INTERNET) !=  
 PackageManager.PERMISSION\_GRANTED) {  
 ActivityCompat.requestPermissions(this, new String[] {Manifest.permission.INTERNET},  
 50); }  
*// retriveDataUser();* btnLogin=findViewById(R.id.btn\_login);  
 EditText username=findViewById(R.id.et\_username);  
 EditText password=findViewById(R.id.et\_password);  
 btnLogin.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
  
APIRequestData apiRequestData= RetroServer.konekRetrofit().create(APIRequestData.class);  
 Call<rUser> login=apiRequestData.login(username.getText().toString(),password.getText().toString());  
 login.enqueue(new Callback<rUser>() {  
 @Override  
 public void onResponse(Call<rUser> call, Response<rUser> response) {  
 if (response.body().getKode()==1){  
 List<mUsers> user=response.body().getData();  
 if (user.get(0).getJabatan().equals("Penjualan")){  
 Toast.makeText(LoginActivity.this, "Berhasil", Toast.LENGTH\_SHORT).show();  
 Intent intent=new Intent(LoginActivity.this, HomeActivity.class);  
 UsersDataBaseHelper usersDataBaseHelper=new UsersDataBaseHelper(LoginActivity.this);  
 long val =usersDataBaseHelper.insertUser(user);  
 startActivity(intent);  
 }else {  
 Toast.makeText(LoginActivity.this, "Maaf Anda Tidak Memiliki Hak Akses", Toast.LENGTH\_SHORT).show();  
 }  
  
  
 }else {  
 Toast.makeText(LoginActivity.this, "Gagal", Toast.LENGTH\_SHORT).show();  
 }  
 }  
  
 @Override  
 public void onFailure(Call<rUser> call, Throwable t) {  
  
 }  
 });  
 }  
 });  
  
 }boolean doubleBackToExitPressedOnce = false;  
  
 @Override  
 public void onBackPressed() {  
 if (doubleBackToExitPressedOnce) {  
 super.onBackPressed();  
 return;  
 }  
  
 this.doubleBackToExitPressedOnce = true;  
 Toast.makeText(this, "Please click BACK again to exit", Toast.LENGTH\_SHORT).show();  
  
 new Handler().postDelayed(new Runnable() {  
  
 @Override  
 public void run() {  
 doubleBackToExitPressedOnce=false;  
 }  
 }, 2000);  
 }  
 public void retriveDataUser(){  
 APIRequestData apiRequestData= RetroServer.konekRetrofit().create(APIRequestData.class);  
 Call<rUser> responseModelCall=apiRequestData.getDataUsers();  
 responseModelCall.enqueue(new Callback<rUser>() {  
 @Override  
 public void onResponse(Call<rUser> call, Response<rUser> response) {  
 int kode=response.body().getKode();  
 String pesan=response.body().getPesan();  
 dataModels=response.body().getData();  
*// Toast.makeText(LoginActivity.this, "Berhasil", Toast.LENGTH\_SHORT).show();* }  
  
 @Override  
 public void onFailure(Call<rUser> call, Throwable t) {  
 Toast.makeText(LoginActivity.this, t.toString(), Toast.LENGTH\_SHORT).show();  
 }  
 });  
  
  
 }  
}

1. src\main\java\com\sonisuciadi\simorp\MainActivity.java

package com.sonisuciadi.simorp;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.content.Intent;  
import android.database.Cursor;  
import android.os.Bundle;  
import android.os.Handler;  
  
import com.sonisuciadi.simorp.DataBaseHelper.UsersDataBaseHelper;  
  
public class MainActivity extends AppCompatActivity {  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 UsersDataBaseHelper usersDataBaseHelper = new UsersDataBaseHelper(MainActivity.this);  
 new Handler().postDelayed(new Runnable() {  
 @Override  
 public void run() {  
 Cursor user = usersDataBaseHelper.getUser();  
 if (user.getCount() == 0) {  
 Intent login = new Intent(MainActivity.this, LoginActivity.class);  
 startActivity(login);  
 overridePendingTransition(R.anim.*push\_up\_in*, R.anim.*push\_up\_out*);  
 } else {  
 Intent login = new Intent(MainActivity.this, HomeActivity.class);  
 startActivity(login);  
 overridePendingTransition(R.anim.*push\_up\_in*, R.anim.*push\_up\_out*);  
 }  
  
  
 finish();  
  
 }  
 }, 1500);  
 }  
}

1. src\main\java\com\sonisuciadi\simorp\NotificationActivity.java

package com.sonisuciadi.simorp;  
  
import androidx.appcompat.app.AlertDialog;  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.recyclerview.widget.LinearLayoutManager;  
import androidx.recyclerview.widget.RecyclerView;  
  
import android.content.Intent;  
import android.net.Uri;  
import android.os.Bundle;  
import android.view.LayoutInflater;  
import android.view.View;  
import android.widget.Button;  
import android.widget.TextView;  
import android.widget.Toast;  
  
import com.google.android.material.floatingactionbutton.FloatingActionButton;  
import com.sonisuciadi.simorp.API.APIRequestData;  
import com.sonisuciadi.simorp.API.RetroServer;  
import com.sonisuciadi.simorp.Adapter.NotificationAdapter;  
import com.sonisuciadi.simorp.Model.mNotification;  
import com.sonisuciadi.simorp.Response.rNotification;  
import com.sonisuciadi.simorp.Response.rOrder;  
import com.sonisuciadi.simorp.Response.rUser;  
  
import java.util.ArrayList;  
import java.util.List;  
  
import retrofit2.Call;  
import retrofit2.Callback;  
import retrofit2.Response;  
  
public class NotificationActivity extends AppCompatActivity {  
 RecyclerView rvNotification;  
 List<mNotification> mdata;  
 FloatingActionButton fabCall;  
 NotificationAdapter notificationAdapter;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_notification*);  
 rvNotification = findViewById(R.id.*rv\_notification*);  
 fabCall = findViewById(R.id.*fab\_call*);  
 fabCall.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 String url = "https://api.whatsapp.com/send?phone=08117858100";  
 Intent intent = new Intent(Intent.*ACTION\_VIEW*, Uri.*parse*(url));  
 startActivity(intent);  
 }  
 });  
 setRvNotification();  
 TextView btnBack = findViewById(R.id.*btn\_back\_alert*);  
 btnBack.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 Intent intent = new Intent(NotificationActivity.this, HomeActivity.class);  
 startActivity(intent);  
 overridePendingTransition(R.anim.*push\_up\_in*, R.anim.*push\_up\_out*);  
 finish();  
 }  
 });  
  
 }  
  
 @Override  
 public void onBackPressed() {  
 Intent intent = new Intent(NotificationActivity.this, HomeActivity.class);  
 startActivity(intent);  
 overridePendingTransition(R.anim.*push\_up\_in*, R.anim.*push\_up\_out*);  
 finish();  
  
 }  
  
 public void setRvNotification() {  
 mdata = new ArrayList<>();  
 APIRequestData apiRequestData = RetroServer.*konekRetrofit*().create(APIRequestData.class);  
 Call<rNotification> responseModel = apiRequestData.getNotification();  
 responseModel.enqueue(new Callback<rNotification>() {  
 @Override  
 public void onResponse(Call<rNotification> call, Response<rNotification> response) {  
 if (response.body().getKode() == 1) {  
 mdata = response.body().getData();  
 notificationAdapter = new NotificationAdapter(NotificationActivity.this, mdata, new NotificationAdapter.OnItemClickListener() {  
 @Override  
 public void onItemClick(mNotification item, int position) {  
 View dialogView;  
 AlertDialog.Builder dialog;  
 dialog = new AlertDialog.Builder(NotificationActivity.this);  
 dialog.setCancelable(true);  
 dialog.setTitle(item.getJudul());  
 dialog.setMessage(item.getPesan());  
 dialog.show();  
 }  
 });  
 final LinearLayoutManager layoutManager = new LinearLayoutManager(NotificationActivity.this);  
 layoutManager.setOrientation(LinearLayoutManager.*VERTICAL*);  
 rvNotification.setLayoutManager(layoutManager);  
 rvNotification.setAdapter(notificationAdapter);  
 notificationAdapter.notifyDataSetChanged();  
 } else {  
 Toast.*makeText*(NotificationActivity.this, "Tidak ada pemberitahuan", Toast.*LENGTH\_SHORT*).show();  
 }  
 }  
  
 @Override  
 public void onFailure(Call<rNotification> call, Throwable t) {  
  
 }  
 });  
 }  
}

1. src\main\java\com\sonisuciadi\simorp\OrderActivity.java

package com.sonisuciadi.simorp;  
  
import androidx.activity.OnBackPressedCallback;  
import androidx.appcompat.app.AlertDialog;  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.core.app.ActivityCompat;  
import androidx.core.content.ContextCompat;  
  
import androidx.recyclerview.widget.LinearLayoutManager;  
import androidx.recyclerview.widget.RecyclerView;  
import androidx.swiperefreshlayout.widget.SwipeRefreshLayout;  
  
import android.Manifest;  
import android.content.DialogInterface;  
import android.content.Intent;  
import android.content.pm.PackageManager;  
import android.database.Cursor;  
import android.graphics.BitmapFactory;  
import android.net.Uri;  
import android.os.AsyncTask;  
import android.os.Bundle;  
import android.os.Handler;  
import android.util.Base64;  
import android.view.LayoutInflater;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
import android.widget.ImageView;  
import android.widget.TextView;  
import android.widget.Toast;  
  
import com.google.android.material.floatingactionbutton.FloatingActionButton;  
import com.google.zxing.Result;  
import com.sonisuciadi.simorp.API.APIRequestData;  
import com.sonisuciadi.simorp.API.RetroServer;  
import com.sonisuciadi.simorp.Adapter.BarangAdapter;  
import com.sonisuciadi.simorp.Adapter.ItemDetailOrderAdapter;  
import com.sonisuciadi.simorp.DataBaseHelper.DetailsOrderDataBaseHelper;  
import com.sonisuciadi.simorp.DataBaseHelper.DetailsOrderDataBaseHelperSeles;  
import com.sonisuciadi.simorp.DataBaseHelper.UsersDataBaseHelper;  
import com.sonisuciadi.simorp.Model.mBarang;  
import com.sonisuciadi.simorp.Model.mUsers;  
import com.sonisuciadi.simorp.Response.rBarang;  
import com.sonisuciadi.simorp.Response.rDetailOrder;  
import com.sonisuciadi.simorp.Response.rUser;  
  
import java.text.NumberFormat;  
import java.util.ArrayList;  
import java.util.List;  
import java.util.Locale;  
  
import me.dm7.barcodescanner.zxing.ZXingScannerView;  
import retrofit2.Call;  
import retrofit2.Callback;  
import retrofit2.Response;  
  
public class OrderActivity extends AppCompatActivity {  
  
 FloatingActionButton fabScanQR;  
 private List<mBarang> dataModels = new ArrayList<>();  
 RecyclerView rvBarang;  
 BarangAdapter barangAdapter;  
 SwipeRefreshLayout sRLayout;  
 String activity;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_order*);  
 if (ContextCompat.*checkSelfPermission*(OrderActivity.this, Manifest.permission.*ACCESS\_NETWORK\_STATE*) !=  
 PackageManager.*PERMISSION\_GRANTED*) {  
 ActivityCompat.*requestPermissions*(this, new String[]{Manifest.permission.*ACCESS\_NETWORK\_STATE*},  
 50);  
 }  
 if (ContextCompat.*checkSelfPermission*(OrderActivity.this, Manifest.permission.*INTERNET*) !=  
 PackageManager.*PERMISSION\_GRANTED*) {  
 ActivityCompat.*requestPermissions*(this, new String[]{Manifest.permission.*INTERNET*},  
 50);  
 }  
 Intent i = getIntent();  
 activity = i.getStringExtra("Activity");  
 TextView header = findViewById(R.id.*name*);  
 header.setText(activity);  
 rvBarang = findViewById(R.id.*rv\_barang*);  
  
  
 setRvBarang();  
 Toast.*makeText*(this, "Loading...", Toast.*LENGTH\_SHORT*).show();  
 sRLayout = findViewById(R.id.*swlayout*);  
 sRLayout.setColorSchemeResources(R.color.*primaryColor*, R.color.*secondaryColor*);  
 sRLayout.setOnRefreshListener(new SwipeRefreshLayout.OnRefreshListener() {  
 @Override  
 public void onRefresh() {  
 new Handler().postDelayed(new Runnable() {  
 @Override  
 public void run() {  
  
 sRLayout.setRefreshing(false);  
  
 setRvBarang();  
 }  
 }, 5000);  
 }  
 });  
  
 fabScanQR = findViewById(R.id.*fab\_scan*);  
 fabScanQR.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 Intent intent = new Intent(OrderActivity.this, ScanQRActivity.class);  
 intent.putExtra("Activity", activity);  
 intent.putExtra("branch", getIntent().getStringExtra("branch"));  
  
 startActivity(intent);  
 overridePendingTransition(R.anim.*push\_up\_in*, R.anim.*push\_up\_out*);  
 finish();  
  
 }  
  
 });  
 Button btnSearch = findViewById(R.id.*btn\_Search*);  
 btnSearch.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 setRvBarang();  
 }  
 });  
  
 TextView btnBack = findViewById(R.id.*btn\_back\_order*);  
 btnBack.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 Intent intent = new Intent(OrderActivity.this, HomeActivity.class);  
 startActivity(intent);  
 overridePendingTransition(R.anim.*push\_up\_in*, R.anim.*push\_up\_out*);  
 finish();  
  
 }  
 });  
 TextView btnCart = findViewById(R.id.*btn\_cart*);  
 btnCart.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 DetailsOrderDataBaseHelper detailsOrderDataBaseHelper = new DetailsOrderDataBaseHelper(OrderActivity.this);  
 Cursor data = detailsOrderDataBaseHelper.getDetailOrder();  
 if (data.getCount() == 0) {  
 Intent intent = new Intent(OrderActivity.this, CartActivity.class);  
 intent.putExtra("Activity", activity);  
 startActivity(intent);  
 overridePendingTransition(R.anim.*push\_up\_in*, R.anim.*push\_up\_out*);  
*// finish();* } else {  
 Intent intent = new Intent(OrderActivity.this, CartActivity.class);  
 intent.putExtra("Activity", activity);  
 startActivity(intent);  
 overridePendingTransition(R.anim.*push\_up\_in*, R.anim.*push\_up\_out*);  
*// finish();* }  
  
  
 }  
 });  
  
  
 }  
  
 @Override  
 public void onBackPressed() {  
 Intent intent = new Intent(OrderActivity.this, HomeActivity.class);  
 startActivity(intent);  
 overridePendingTransition(R.anim.*push\_up\_in*, R.anim.*push\_up\_out*);  
 finish();  
  
 }  
  
 public void setRvBarang() {  
 dataModels = new ArrayList<>();  
 EditText namaBarang = findViewById(R.id.*et\_Search*);  
 APIRequestData apiRequestData = RetroServer.*konekRetrofit*().create(APIRequestData.class);  
 Call<rBarang> responseModelCall;  
 if (getIntent().getStringExtra("Activity").equals("Order")) {  
 responseModelCall = apiRequestData.getDataBarangbyName(77123321, namaBarang.getText().toString());  
 } else {  
 responseModelCall = apiRequestData.getDataBarangbyName(Integer.*parseInt*(getIntent().getStringExtra("branch")), namaBarang.getText().toString());  
 }  
  
 responseModelCall.enqueue(new Callback<rBarang>() {  
 @Override  
 public void onResponse(Call<rBarang> call, Response<rBarang> response) {  
 dataModels = response.body().getData();  
 if (response.body().getKode() == 1) {  
*// Toast.makeText(OrderActivity.this, "Berhasil", Toast.LENGTH\_SHORT).show();* final LinearLayoutManager layoutManager = new LinearLayoutManager(OrderActivity.this);  
 layoutManager.setOrientation(LinearLayoutManager.*VERTICAL*);  
 rvBarang.setLayoutManager(layoutManager);  
 barangAdapter = new BarangAdapter(dataModels, OrderActivity.this, new BarangAdapter.onAddClickListener() {  
 @Override  
 public void onAddClick(mBarang item, int position) {  
 if (getIntent().getStringExtra("Activity").equals("Order")) {  
 DetailsOrderDataBaseHelper detailsOrderDataBaseHelper = new DetailsOrderDataBaseHelper(OrderActivity.this);  
 long add = detailsOrderDataBaseHelper.insertDetailsOrder(  
 item.getId(), item.getHargaBeli(), item.getNama(), item.getStok(), item.getImage());  
 if (add != -1) {  
 Toast.*makeText*(OrderActivity.this, "Berhasil Ditambah" + item.getNama(), Toast.*LENGTH\_SHORT*).show();  
  
 } else {  
*// Toast.makeText(context, ""+tvId.getText().toString(), Toast.LENGTH\_SHORT).show();* }  
 } else {  
 DetailsOrderDataBaseHelperSeles detailsOrderDataBaseHelpers = new DetailsOrderDataBaseHelperSeles(OrderActivity.this);  
 long add = detailsOrderDataBaseHelpers.insertDetailsOrder(  
 item.getId(), item.getHargaJual(), item.getNama(), item.getStok(), item.getImage(), item.getHargaBeli());  
 if (add != -1) {  
 Toast.*makeText*(OrderActivity.this, "Berhasil Ditambah" + item.getNama(), Toast.*LENGTH\_SHORT*).show();  
  
 } else {  
*// Toast.makeText(context, ""+tvId.getText().toString(), Toast.LENGTH\_SHORT).show();* }  
 }  
 }  
 }, new BarangAdapter.onItemClickListener() {  
 @Override  
 public void onItemClick(mBarang item, int position) {  
 showImage(item.getImage(), item.getNama());  
 }  
 }, activity);  
 rvBarang.setAdapter(barangAdapter);  
 barangAdapter.notifyDataSetChanged();  
 } else {  
 Toast.*makeText*(OrderActivity.this, "Barang Tidak Ditemukan", Toast.*LENGTH\_SHORT*).show();  
 }  
  
 }  
  
 @Override  
 public void onFailure(Call<rBarang> call, Throwable t) {  
 Toast.*makeText*(OrderActivity.this, t.toString(), Toast.*LENGTH\_SHORT*).show();  
 }  
 });  
 }  
  
 public void showImage(String image, String nama) {  
 View dialogView;  
 LayoutInflater inflater;  
 AlertDialog.Builder dialog;  
 TextView tvNama;  
 ImageView ivBarang;  
 dialog = new AlertDialog.Builder(OrderActivity.this);  
 inflater = getLayoutInflater();  
 dialogView = inflater.inflate(R.layout.*form\_image\_barang*, null);  
 dialog.setView(dialogView);  
 dialog.setCancelable(true);  
 dialog.setTitle("Detail Gambar");  
 tvNama = dialogView.findViewById(R.id.*nama\_barang\_image*);  
 ivBarang = dialogView.findViewById(R.id.*img\_form*);  
 tvNama.setText(nama);  
 byte[] imageAsBytes = Base64.*decode*(image.getBytes(), Base64.*DEFAULT*);  
 ivBarang.setImageBitmap(BitmapFactory.*decodeByteArray*(imageAsBytes, 0, imageAsBytes.length));  
 dialog.show();  
  
 }  
  
  
}

1. src\main\java\com\sonisuciadi\simorp\ProfilActivity.java

package com.sonisuciadi.simorp;

import androidx.appcompat.app.AlertDialog;  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.recyclerview.widget.RecyclerView;  
  
import android.content.DialogInterface;  
import android.content.Intent;  
import android.database.Cursor;  
import android.os.Bundle;  
import android.view.LayoutInflater;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
import android.widget.TextView;  
import android.widget.Toast;  
  
import com.sonisuciadi.simorp.API.APIRequestData;  
import com.sonisuciadi.simorp.API.RetroServer;  
import com.sonisuciadi.simorp.DataBaseHelper.DetailsOrderDataBaseHelper;  
import com.sonisuciadi.simorp.DataBaseHelper.DetailsOrderDataBaseHelperSeles;  
import com.sonisuciadi.simorp.DataBaseHelper.UsersDataBaseHelper;  
import com.sonisuciadi.simorp.Model.mUsers;  
import com.sonisuciadi.simorp.Response.rDetailOrder;  
import com.sonisuciadi.simorp.Response.rUser;  
  
import java.util.ArrayList;  
import java.util.List;  
  
import retrofit2.Call;  
import retrofit2.Callback;  
import retrofit2.Response;  
  
public class ProfilActivity extends AppCompatActivity {  
 List<mUsers> user = new ArrayList<>();  
 EditText nohp, alamat, posisi, cabang;  
 TextView nama, id;  
 Button btnGanti, btnSimpan, btnLogout;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_profil*);  
 nama = findViewById(R.id.*tv\_nama\_profil*);  
 id = findViewById(R.id.*tv\_id\_profil*);  
 nohp = findViewById(R.id.*et\_nohp*);  
 alamat = findViewById(R.id.*et\_alamat*);  
 posisi = findViewById(R.id.*et\_posisi*);  
 cabang = findViewById(R.id.*et\_cabang*);  
  
 TextView btnBack = findViewById(R.id.*btn\_back\_profil*);  
 btnBack.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 Intent intent = new Intent(ProfilActivity.this, HomeActivity.class);  
 startActivity(intent);  
 overridePendingTransition(R.anim.*push\_up\_in*, R.anim.*push\_up\_out*);  
 finish();  
  
 }  
 });  
 setUserIdentity();  
 btnGanti = findViewById(R.id.*btn\_ganti\_password*);  
 btnGanti.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 showGantiPassword();  
 }  
 });  
 btnSimpan = findViewById(R.id.*btn\_simpan*);  
 btnSimpan.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 showSimpanDialog();  
 }  
 });  
 btnLogout = findViewById(R.id.*btn\_logout*);  
 btnLogout.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 AlertDialog.Builder dialog;  
 dialog = new AlertDialog.Builder(ProfilActivity.this);  
 dialog.setCancelable(true);  
 dialog.setTitle("Keluar");  
 dialog.setMessage("Yakin Keluar ?");  
 dialog.setPositiveButton("YA", new DialogInterface.OnClickListener() {  
 @Override  
 public void onClick(DialogInterface dialogInterface, int i) {  
 UsersDataBaseHelper usersDataBaseHelper = new UsersDataBaseHelper(ProfilActivity.this);  
 usersDataBaseHelper.deleteUser(user.get(0).getId().toString());  
 DetailsOrderDataBaseHelper detailsOrderDataBaseHelper = new DetailsOrderDataBaseHelper(ProfilActivity.this);  
 detailsOrderDataBaseHelper.deleteAllRecord();  
 DetailsOrderDataBaseHelperSeles detailsOrderDataBaseHelperSeles = new DetailsOrderDataBaseHelperSeles(ProfilActivity.this);  
 detailsOrderDataBaseHelperSeles.deleteAllRecord();  
 Intent intent = new Intent(ProfilActivity.this, HomeActivity.class);  
 startActivity(intent);  
 overridePendingTransition(R.anim.*push\_up\_in*, R.anim.*push\_up\_out*);  
 finish();  
 }  
 });  
 dialog.setNegativeButton("BATAL", new DialogInterface.OnClickListener() {  
 @Override  
 public void onClick(DialogInterface dialogInterface, int i) {  
  
 }  
 });  
 dialog.show();  
  
 }  
 });  
 }  
  
 @Override  
 public void onBackPressed() {  
 Intent intent = new Intent(ProfilActivity.this, HomeActivity.class);  
 startActivity(intent);  
 overridePendingTransition(R.anim.*push\_up\_in*, R.anim.*push\_up\_out*);  
 finish();  
  
 }  
  
 public void setUserIdentity() {  
 UsersDataBaseHelper usersDataBaseHelper = new UsersDataBaseHelper(ProfilActivity.this);  
 Cursor userIdentity = usersDataBaseHelper.getUser();  
 mUsers muser = new mUsers();  
  
  
 while (userIdentity.moveToNext()) {  
 muser = new mUsers();  
 muser.setId(userIdentity.getInt(0));  
 muser.setNama(userIdentity.getString(1));  
 muser.setAlamat(userIdentity.getString(2));  
 muser.setPonsel(userIdentity.getString(3));  
 muser.setWorkplaces(userIdentity.getInt(4));  
 muser.setJabatan(userIdentity.getString(5));  
 muser.setPassword(userIdentity.getString(6));  
 muser.setUser\_update(userIdentity.getInt(7));  
 muser.setUpdate\_at(userIdentity.getString(8));  
 muser.setNama\_cabang(userIdentity.getString(9));  
 user.add(muser);  
 }  
 nama.setText(user.get(0).getNama());  
 id.setText(user.get(0).getId().toString());  
 nohp.setText(user.get(0).getPonsel());  
 alamat.setText(user.get(0).getAlamat());  
 posisi.setText(user.get(0).getJabatan());  
 cabang.setText(user.get(0).getNama\_cabang());  
  
  
 }  
  
 public void showGantiPassword() {  
 View dialogView;  
 LayoutInflater inflater;  
 AlertDialog.Builder dialog;  
 EditText passwordSekarang, passwordBaru, passwordConfirm;  
 dialog = new AlertDialog.Builder(ProfilActivity.this);  
 inflater = getLayoutInflater();  
 dialogView = inflater.inflate(R.layout.form\_ganti\_password, null);  
 passwordSekarang = dialogView.findViewById(R.id.et\_password);  
 passwordBaru = dialogView.findViewById(R.id.et\_password\_baru);  
 passwordConfirm = dialogView.findViewById(R.id.et\_password\_baru\_confim);  
 dialog.setView(dialogView);  
 dialog.setCancelable(true);  
 dialog.setTitle("Ganti Password");  
 dialog.setPositiveButton("Simpan", new DialogInterface.OnClickListener() {  
 @Override  
 public void onClick(DialogInterface dialogInterface, int i) {  
 if (passwordSekarang.getText().toString().equals(user.get(0).getPassword()) && passwordBaru.getText().toString().equals(passwordConfirm.getText().toString())) {  
 APIRequestData apiRequestData = RetroServer.konekRetrofit().create(APIRequestData.class);  
 Call<rUser> updateUser = apiRequestData.updateUser(alamat.getText().toString(), nohp.getText().toString(), passwordBaru.getText().toString(), Integer.valueOf(id.getText().toString()));  
 updateUser.enqueue(new Callback<rUser>() {  
 @Override  
 public void onResponse(Call<rUser> call, Response<rUser> response) {  
 Toast.makeText(ProfilActivity.this, "Berhasil", Toast.LENGTH\_SHORT).show();  
 UsersDataBaseHelper usersDataBaseHelper = new UsersDataBaseHelper(ProfilActivity.this);  
 usersDataBaseHelper.deleteUser(user.get(0).getId().toString());  
 Intent intent = new Intent(ProfilActivity.this, LoginActivity.class);  
 startActivity(intent);  
 overridePendingTransition(R.anim.push\_up\_in, R.anim.push\_up\_out);  
 finish();  
  
 }  
  
 @Override  
 public void onFailure(Call<rUser> call, Throwable t) {  
 Toast.makeText(ProfilActivity.this, t.toString(), Toast.LENGTH\_SHORT).show();  
 }  
 });  
 } else {  
 Toast.makeText(ProfilActivity.this, "Salah", Toast.LENGTH\_SHORT).show();  
 }  
 }  
 });  
 dialog.show();  
  
 }  
  
 public void showSimpanDialog() {  
 View dialogView;  
 LayoutInflater inflater;  
 AlertDialog.Builder dialog;  
 EditText passwordSekarang;  
 dialog = new AlertDialog.Builder(ProfilActivity.this);  
 inflater = getLayoutInflater();  
 dialogView = inflater.inflate(R.layout.form\_validasi, null);  
 passwordSekarang = dialogView.findViewById(R.id.et\_password);  
 dialog.setView(dialogView);  
 dialog.setCancelable(true);  
 dialog.setTitle("Validai");  
 dialog.setPositiveButton("Simpan", new DialogInterface.OnClickListener() {  
 @Override  
 public void onClick(DialogInterface dialogInterface, int i) {  
 if (passwordSekarang.getText().toString().equals(user.get(0).getPassword())) {  
 APIRequestData apiRequestData = RetroServer.konekRetrofit().create(APIRequestData.class);  
 Call<rUser> updateUser = apiRequestData.updateUser(alamat.getText().toString(), nohp.getText().toString(), passwordSekarang.getText().toString(), Integer.valueOf(id.getText().toString()));  
 updateUser.enqueue(new Callback<rUser>() {  
 @Override  
 public void onResponse(Call<rUser> call, Response<rUser> response) {  
 UsersDataBaseHelper usersDataBaseHelper = new UsersDataBaseHelper(ProfilActivity.this);  
 usersDataBaseHelper.deleteUser(user.get(0).getId().toString());  
 Toast.makeText(ProfilActivity.this, "Berhasil", Toast.LENGTH\_SHORT).show();  
 Intent intent = new Intent(ProfilActivity.this, LoginActivity.class);  
 startActivity(intent);  
 overridePendingTransition(R.anim.push\_up\_in, R.anim.push\_up\_out);  
 finish();  
  
 }  
  
 @Override  
 public void onFailure(Call<rUser> call, Throwable t) {  
 Toast.makeText(ProfilActivity.this, t.toString(), Toast.LENGTH\_SHORT).show();  
 }  
 });  
  
 } else {  
 Toast.makeText(ProfilActivity.this, "Salah", Toast.LENGTH\_SHORT).show();  
 }  
 }  
 });  
 dialog.show();  
  
 }  
}

1. src\main\java\com\sonisuciadi\simorp\ScanQRActivity.java

package com.sonisuciadi.simorp;  
  
import androidx.appcompat.app.AlertDialog;  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.core.app.ActivityCompat;  
import androidx.core.content.ContextCompat;  
  
import android.Manifest;  
import android.content.DialogInterface;  
import android.content.Intent;  
import android.content.pm.PackageManager;  
import android.os.Bundle;  
import android.util.Log;  
import android.view.KeyEvent;  
import android.view.View;  
import android.view.ViewGroup;  
import android.widget.Button;  
import android.widget.TextView;  
import android.widget.Toast;  
  
import com.google.zxing.Result;  
import com.sonisuciadi.simorp.API.APIRequestData;  
import com.sonisuciadi.simorp.API.RetroServer;  
import com.sonisuciadi.simorp.DataBaseHelper.DetailsOrderDataBaseHelper;  
import com.sonisuciadi.simorp.DataBaseHelper.DetailsOrderDataBaseHelperSeles;  
import com.sonisuciadi.simorp.Model.mBarang;  
import com.sonisuciadi.simorp.Response.rBarang;  
  
import java.util.List;  
  
import me.dm7.barcodescanner.zxing.ZXingScannerView;  
import retrofit2.Call;  
import retrofit2.Callback;  
import retrofit2.Response;  
  
public class ScanQRActivity extends AppCompatActivity implements ZXingScannerView.ResultHandler {  
 private ZXingScannerView mScannerView;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_scan\_q\_r*);  
 if (ContextCompat.*checkSelfPermission*(ScanQRActivity.this, Manifest.permission.*CAMERA*) !=  
 PackageManager.*PERMISSION\_GRANTED*) {  
 ActivityCompat.*requestPermissions*(this, new String[]{Manifest.permission.*CAMERA*},  
 50);  
 }  
*// mScannerView = new ZXingScannerView(this);  
// setContentView(mScannerView);* ViewGroup contentFrame = (ViewGroup) findViewById(R.id.*appBar\_scannerr*);  
 mScannerView = new ZXingScannerView(this);  
 contentFrame.addView(mScannerView);  
 TextView btnBack = findViewById(R.id.*btn\_back*);  
 btnBack.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 Intent intent = new Intent(ScanQRActivity.this, OrderActivity.class);  
 intent.putExtra("Activity", getIntent().getStringExtra("Activity"));  
 intent.putExtra("branch", getIntent().getStringExtra("branch"));  
  
 startActivity(intent);  
  
 }  
 });  
 }  
  
 @Override  
 public void onResume() {  
 super.onResume();  
 mScannerView.setResultHandler(this);  
 mScannerView.startCamera();  
 }  
  
 @Override  
 public void onPause() {  
 super.onPause();  
 mScannerView.stopCamera();  
 }  
  
 @Override  
 public void handleResult(Result rawResult) {  
 Log.*v*("TAG", rawResult.getText()); *// Prints scan results* Log.*v*("TAG", rawResult.getBarcodeFormat().toString());  
 AlertDialog.Builder builder = new AlertDialog.Builder(this);  
 builder.setTitle("Scan Result");  
  
 try {  
 Integer idBarang = Integer.*valueOf*(rawResult.getText());  
 APIRequestData apiRequestData = RetroServer.*konekRetrofit*().create(APIRequestData.class);  
 Call<rBarang> responseModelCall = apiRequestData.getDataBarangbyId(Integer.*parseInt*(getIntent().getStringExtra("branch")), Integer.*valueOf*(rawResult.getText()));  
 responseModelCall.enqueue(new Callback<rBarang>() {  
 @Override  
 public void onResponse(Call<rBarang> call, Response<rBarang> response) {  
 DetailsOrderDataBaseHelper detailsOrderDataBaseHelper = new DetailsOrderDataBaseHelper(ScanQRActivity.this);  
 DetailsOrderDataBaseHelperSeles detailsOrderDataBaseHelperSeles = new DetailsOrderDataBaseHelperSeles(ScanQRActivity.this);  
 List<mBarang> mBarangs = response.body().getData();  
 long add = 0;  
 if (mBarangs.get(0).getStok() > 0) {  
 if (getIntent().getStringExtra("Activity").equals("Order")) {  
 add = detailsOrderDataBaseHelper.insertDetailsOrder(mBarangs.get(0).getId(), mBarangs.get(0).getHargaBeli(), mBarangs.get(0).getNama(), mBarangs.get(0).getStok(), mBarangs.get(0).getImage());  
 } else {  
 add = detailsOrderDataBaseHelperSeles.insertDetailsOrder(mBarangs.get(0).getId(), mBarangs.get(0).getHargaJual(), mBarangs.get(0).getNama(), mBarangs.get(0).getStok(), mBarangs.get(0).getImage(), mBarangs.get(0).getHargaBeli());  
 }  
  
 if (add != -1) {  
 builder.setTitle("Alert");  
 builder.setMessage("Berhasil Ditambah");  
 builder.setPositiveButton("OKE", new DialogInterface.OnClickListener() {  
 @Override  
 public void onClick(DialogInterface dialogInterface, int i) {  
 Intent intent = new Intent(ScanQRActivity.this, CartActivity.class);  
 intent.putExtra("Activity", getIntent().getStringExtra("Activity"));  
 mScannerView.stopCamera();  
 ScanQRActivity.this.finish();  
 startActivity(intent);  
  
 }  
 });  
 AlertDialog alert1 = builder.create();  
 alert1.show();  
  
*// Toast.makeText(ScanQRActivity.this, "", Toast.LENGTH\_SHORT).show();* } else {  
 builder.setMessage("Barang Sudah Ada");  
 builder.setPositiveButton("OKE", new DialogInterface.OnClickListener() {  
 @Override  
 public void onClick(DialogInterface dialogInterface, int i) {  
 Intent intent = new Intent(ScanQRActivity.this, OrderActivity.class);  
 intent.putExtra("Activity", getIntent().getStringExtra("Activity"));  
 mScannerView.stopCamera();  
 ScanQRActivity.this.finish();  
 startActivity(intent);  
  
 }  
 });  
 builder.setNegativeButton("Scan Barang Lain", new DialogInterface.OnClickListener() {  
 @Override  
 public void onClick(DialogInterface dialogInterface, int i) {  
 mScannerView.resumeCameraPreview(ScanQRActivity.this);  
 }  
 });  
*// Toast.makeText(ScanQRActivity.this,"Barang Sudah Ada", Toast.LENGTH\_SHORT).show();* AlertDialog alert1 = builder.create();  
 alert1.show();  
 }  
 } else {  
 builder.setMessage("Stok Barang Kosong");  
 builder.setNegativeButton("OKE", new DialogInterface.OnClickListener() {  
 @Override  
 public void onClick(DialogInterface dialogInterface, int i) {  
 mScannerView.resumeCameraPreview(ScanQRActivity.this);  
 }  
 });  
 AlertDialog alert1 = builder.create();  
 alert1.show();  
 }  
  
 }  
  
 @Override  
 public void onFailure(Call<rBarang> call, Throwable t) {  
 builder.setNegativeButton("Scan Barang Lain", new DialogInterface.OnClickListener() {  
 @Override  
 public void onClick(DialogInterface dialogInterface, int i) {  
 mScannerView.resumeCameraPreview(ScanQRActivity.this);  
 }  
 });  
 AlertDialog alert1 = builder.create();  
 alert1.show();  
}  
 });  
 } catch (Exception e) {  
 builder.setMessage("Barcode Tidak Dikenali");  
 builder.setNegativeButton("Scan Barang Lain", new DialogInterface.OnClickListener() {  
 @Override  
 public void onClick(DialogInterface dialogInterface, int i) {  
 mScannerView.resumeCameraPreview(ScanQRActivity.this);  
 }  
 });  
 AlertDialog alert1 = builder.create();  
 alert1.show();  
 }  
  
  
}  
}

1. src\main\java\com\sonisuciadi\simorp\SuccesActivity.java

package com.sonisuciadi.simorp;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.content.Intent;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.TextView;  
  
public class SuccesActivity extends AppCompatActivity {  
  
 private static final String *ID\_PESANAN* = "id\_pesanan";  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_succes*);  
 TextView idPesanan = findViewById(R.id.*id\_pesanan*);  
 idPesanan.setText(getIntent().getExtras().getString(*ID\_PESANAN*));  
 Button btnBack = findViewById(R.id.*btn\_back\_to\_home*);  
 btnBack.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 Intent intent = new Intent(SuccesActivity.this, HomeActivity.class);  
 startActivity(intent);  
 overridePendingTransition(R.anim.*push\_up\_in*, R.anim.*push\_up\_out*);  
 finish();  
  
 }  
 });  
 }  
}

1. src\main\res\layout\activity\_cart.xml

*<?*xml version="1.0" encoding="utf-8"*?>*<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".CartActivity">  
  
 <com.google.android.material.appbar.AppBarLayout  
 android:id="@+id/appBar\_cart"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:background="@color/primaryColor">  
  
 <androidx.appcompat.widget.Toolbar  
 android:id="@+id/toolBar\_cart"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
  
 <TextView  
 android:id="@+id/btn\_back\_cart"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:background="@drawable/ic\_baseline\_arrow\_back\_ios\_24" />  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="match\_parent"  
 android:text="CART"  
 android:textColor="@color/secondaryColor"  
 android:textSize="21sp"  
 android:textStyle="bold" />  
  
 </androidx.appcompat.widget.Toolbar>  
  
 </com.google.android.material.appbar.AppBarLayout>  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="600dp"  
 android:layout\_below="@id/appBar\_cart"  
 android:layout\_marginTop="8dp"  
 android:orientation="vertical">  
  
 <androidx.recyclerview.widget.RecyclerView  
 android:id="@+id/rv\_cart"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:padding="8dp"  
 tools:listitem="@layout/item\_card\_cart" />  
  
 </LinearLayout>  
  
 <RelativeLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentBottom="true"  
 android:padding="8dp"  
  
 >  
  
 <TextView  
 android:id="@+id/tv\_ket"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="18dp"  
 android:text="Total Harga: "  
 android:textSize="18sp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/tv\_total"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="18dp"  
 android:layout\_toRightOf="@id/tv\_ket"  
 android:text="100000"  
 android:textSize="18sp"  
 android:textStyle="bold" />  
  
 <com.google.android.material.button.MaterialButton  
 android:id="@+id/btn\_pesan"  
 style="@style/Widget.AppCompat.Button.Colored"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentEnd="true"  
 android:layout\_marginLeft="8dp"  
 android:layout\_marginTop="8dp"  
 android:text="Pesan"  
 android:textColor="@color/secondaryColor" />  
  
 </RelativeLayout>  
  
</RelativeLayout>

1. src\main\res\layout\activity\_cart\_null.xml

*<?*xml version="1.0" encoding="utf-8"*?>*<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".CartActivity">  
  
 <com.google.android.material.appbar.AppBarLayout  
 android:id="@+id/appBar\_cart"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:background="@color/primaryColor">  
  
 <androidx.appcompat.widget.Toolbar  
 android:id="@+id/toolBar\_cart"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
  
 <TextView  
 android:id="@+id/btn\_back\_cart"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:background="@drawable/ic\_baseline\_arrow\_back\_ios\_24" />  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="match\_parent"  
 android:text="CART"  
 android:textColor="@color/secondaryColor"  
 android:textSize="21sp"  
 android:textStyle="bold" />  
  
 </androidx.appcompat.widget.Toolbar>  
  
 </com.google.android.material.appbar.AppBarLayout>  
  
 <LinearLayout  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_centerInParent="true"  
 android:orientation="vertical">  
  
 <ImageView  
 android:layout\_width="200dp"  
 android:layout\_height="300dp"  
 android:layout\_centerInParent="true"  
 android:layout\_gravity="center"  
 android:src="@drawable/ic\_cart\_null" />  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Keranjang Kosong :("  
 android:textColor="@color/secondaryColor"  
 android:textSize="36dp"  
 android:textStyle="bold" />  
 </LinearLayout>  
  
 <RelativeLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentBottom="true"  
 android:padding="8dp"  
  
 >  
  
 <TextView  
 android:id="@+id/tv\_ket"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="18dp"  
 android:text="Total Harga: Rp. "  
 android:textSize="18sp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/tv\_total"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="18dp"  
 android:layout\_toRightOf="@id/tv\_ket"  
 android:text="0"  
 android:textSize="18sp"  
 android:textStyle="bold" />  
  
 <com.google.android.material.button.MaterialButton  
 android:id="@+id/btn\_pesan"  
 style="@style/Widget.AppCompat.Button.Colored"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentEnd="true"  
 android:layout\_marginLeft="8dp"  
 android:layout\_marginTop="8dp"  
 android:enabled="false"  
 android:text="Pesan"  
 android:textColor="@color/secondaryColor" />  
  
 </RelativeLayout>  
  
</RelativeLayout>

1. src\main\res\layout\activity\_history.xml

*<?*xml version="1.0" encoding="utf-8"*?>*<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".HistoryActivity">  
  
 <com.google.android.material.appbar.AppBarLayout  
 android:id="@+id/appBar\_history"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:background="@color/primaryColor">  
  
 <androidx.appcompat.widget.Toolbar  
 android:id="@+id/toolBar\_history"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
  
 <TextView  
 android:id="@+id/btn\_back\_history"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:background="@drawable/ic\_baseline\_arrow\_back\_ios\_24" />  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="match\_parent"  
 android:text="History"  
 android:textColor="@color/secondaryColor"  
 android:textSize="21sp"  
 android:textStyle="bold" />  
  
 </androidx.appcompat.widget.Toolbar>  
  
 </com.google.android.material.appbar.AppBarLayout>  
  
 <TextView  
 android:id="@+id/date\_picker"  
 android:layout\_width="300dp"  
 android:layout\_height="42dp"  
 android:layout\_below="@id/appBar\_history"  
 android:layout\_margin="8dp"  
 android:background="@drawable/textfield\_border"  
 android:padding="4dp"  
 android:textSize="24sp" />  
  
 <com.google.android.material.button.MaterialButton  
 android:id="@+id/btn\_search\_history\_Order"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="42dp"  
 android:layout\_below="@id/appBar\_history"  
 android:layout\_margin="8dp"  
 android:layout\_toRightOf="@id/date\_picker"  
 android:background="@drawable/backgroundbutton"  
 android:drawableTop="@drawable/ic\_baseline\_search\_24" />  
  
 <androidx.recyclerview.widget.RecyclerView  
 android:id="@+id/rv\_history"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/date\_picker"  
 android:layout\_margin="8dp"  
 tools:listitem="@layout/item\_card\_pesanan" />  
  
</RelativeLayout>

1. src\main\res\layout\activity\_home.xml

*<?*xml version="1.0" encoding="utf-8"*?>*<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:background="@drawable/ic\_tumb"  
 android:paddingLeft="2dp"  
 android:paddingTop="8dp"  
 android:paddingRight="2dp"  
 android:paddingBottom="0dp"  
 tools:context=".HomeActivity"  
  
 >  
  
 <RelativeLayout  
 android:id="@+id/header"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:padding="4dp">  
  
  
 <TextView  
 android:id="@+id/tv\_wellcome"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="4dp"  
 android:text=""  
 android:textAlignment="viewEnd"  
 android:textColor="@android:color/white"  
 android:textSize="32sp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/tv\_namauser"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/tv\_wellcome"  
 android:layout\_marginTop="8dp"  
 android:layout\_marginRight="12dp"  
 android:text="Nama User"  
 android:textAlignment="viewEnd"  
 android:textColor="@android:color/white"  
 android:textSize="28sp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/tv\_id\_user"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/tv\_wellcome"  
 android:layout\_marginTop="8dp"  
 android:layout\_toRightOf="@id/tv\_namauser"  
 android:text="ID USER"  
 android:textColor="@android:color/white"  
 android:textSize="28sp"  
 android:textStyle="bold" />  
  
  
 </RelativeLayout>  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/header"  
 android:background="@drawable/backgroud\_menu"  
 android:orientation="vertical">  
  
 <LinearLayout  
 android:id="@+id/ll\_menu1"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/header"  
 android:gravity="center"  
 android:orientation="horizontal">  
  
 <com.google.android.material.button.MaterialButton  
 android:id="@+id/btn\_order"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_margin="8dp"  
 android:background="@drawable/backgroundbutton"  
 android:drawableTop="@drawable/ic\_order"  
 android:padding="16dp"  
 android:text="Order"  
 android:textAlignment="center"  
 android:textColor="@color/secondaryColor"  
 android:textSize="28sp"  
 android:textStyle="bold" />  
  
 <com.google.android.material.button.MaterialButton  
 android:id="@+id/btn\_sales"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_margin="8dp"  
 android:background="@drawable/backgroundbutton"  
 android:drawableTop="@drawable/ic\_sales"  
 android:padding="16dp"  
 android:text="Sales"  
  
 android:textAlignment="center"  
 android:textColor="@color/secondaryColor"  
 android:textSize="28sp"  
 android:textStyle="bold" />  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/ll\_menu1"  
 android:gravity="center"  
 android:orientation="horizontal">  
  
 <com.google.android.material.button.MaterialButton  
 android:id="@+id/btn\_history"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_margin="8dp"  
 android:background="@drawable/backgroundbutton"  
 android:drawableTop="@drawable/ic\_history"  
 android:padding="16dp"  
 android:text="History"  
 android:textAlignment="center"  
 android:textColor="@color/secondaryColor"  
 android:textSize="28sp"  
 android:textStyle="bold" />  
  
 <com.google.android.material.button.MaterialButton  
 android:id="@+id/btn\_income"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_margin="8dp"  
 android:background="@drawable/backgroundbutton"  
 android:drawableTop="@drawable/ic\_income"  
 android:padding="16dp"  
 android:text="income"  
  
 android:textAlignment="center"  
 android:textColor="@color/secondaryColor"  
 android:textSize="28sp"  
 android:textStyle="bold" />  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_below="@id/ll\_menu1"  
 android:gravity="center"  
 android:orientation="horizontal">  
  
 <com.google.android.material.button.MaterialButton  
 android:id="@+id/btn\_warehouse"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_margin="8dp"  
 android:background="@drawable/backgroundbutton"  
 android:drawableTop="@drawable/ic\_notification"  
 android:padding="16dp"  
 android:text="Alert"  
 android:textAlignment="center"  
 android:textColor="@color/secondaryColor"  
 android:textSize="28sp"  
 android:textStyle="bold" />  
  
 <com.google.android.material.button.MaterialButton  
 android:id="@+id/btn\_profil"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_margin="8dp"  
 android:background="@drawable/backgroundbutton"  
 android:drawableTop="@drawable/ic\_profil"  
 android:padding="16dp"  
 android:text="Profil"  
  
 android:textAlignment="center"  
 android:textColor="@color/secondaryColor"  
 android:textSize="28sp"  
 android:textStyle="bold" />  
 </LinearLayout>  
  
 </LinearLayout>  
  
  
</RelativeLayout>

1. src\main\res\layout\activity\_income.xml

*<?*xml version="1.0" encoding="utf-8"*?>*<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".HistoryActivity">  
  
 <com.google.android.material.appbar.AppBarLayout  
 android:id="@+id/appBar\_income"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:background="@color/primaryColor">  
  
 <androidx.appcompat.widget.Toolbar  
 android:id="@+id/toolBar\_income"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
  
 <TextView  
 android:id="@+id/btn\_back\_income"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:background="@drawable/ic\_baseline\_arrow\_back\_ios\_24" />  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="match\_parent"  
 android:text="Income"  
 android:textColor="@color/secondaryColor"  
 android:textSize="21sp"  
 android:textStyle="bold" />  
  
 </androidx.appcompat.widget.Toolbar>  
  
 </com.google.android.material.appbar.AppBarLayout>  
  
 <TextView  
 android:id="@+id/date\_picker"  
 android:layout\_width="300dp"  
 android:layout\_height="42dp"  
 android:layout\_below="@id/appBar\_income"  
 android:layout\_marginTop="8dp"  
 android:layout\_marginBottom="8dp"  
 android:background="@drawable/textfield\_border"  
 android:padding="4dp"  
 android:textSize="24sp" />  
  
 <com.google.android.material.button.MaterialButton  
 android:id="@+id/btn\_search\_income"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="42dp"  
 android:layout\_below="@id/appBar\_income"  
 android:layout\_margin="8dp"  
 android:layout\_toRightOf="@id/date\_picker"  
 android:background="@drawable/backgroundbutton"  
 android:drawableTop="@drawable/ic\_baseline\_search\_24" />  
  
 <androidx.recyclerview.widget.RecyclerView  
 android:id="@+id/rv\_income"  
 android:layout\_width="match\_parent"  
 android:layout\_height="550dp"  
 android:layout\_below="@id/date\_picker"  
 android:layout\_alignParentBottom="true"  
 android:layout\_margin="8dp"  
 tools:listitem="@layout/item\_card\_pesanan" />  
  
 <RelativeLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentBottom="true"  
 android:background="@android:color/white"  
 android:padding="16dp">  
  
 <TextView  
 android:id="@+id/tv\_ket"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
  
 android:text="Total Penjualan: "  
 android:textSize="18sp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/tv\_total"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_toRightOf="@id/tv\_ket"  
 android:text=""  
  
 android:textSize="18sp"  
 android:textStyle="bold" />  
  
  
 </RelativeLayout>  
  
</RelativeLayout>

1. src\main\res\layout\activity\_login.xml

*<?*xml version="1.0" encoding="utf-8"*?>*<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:background="@android:color/white"  
 android:padding="16dp"  
 tools:context=".LoginActivity">  
  
 <ImageView  
 android:id="@+id/iv\_logo"  
 android:layout\_width="200dp"  
 android:layout\_height="256dp"  
 android:layout\_centerHorizontal="true"  
 android:layout\_marginTop="21dp"  
 android:src="@drawable/ic\_simorp" />  
  
 <TextView  
 android:id="@+id/tv\_nama"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/iv\_logo"  
 android:layout\_centerHorizontal="true"  
 android:layout\_marginTop="8dp"  
 android:text="Order Anytime Anywhere"  
 android:textColor="@color/primaryColor"  
 android:textSize="25sp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/tv\_wellcome"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/tv\_nama"  
 android:layout\_centerHorizontal="true"  
 android:layout\_marginTop="16dp"  
 android:text="Selamat Datang"  
 android:textColor="@color/secondaryColor"  
 android:textSize="24sp"  
 android:textStyle="bold" />  
  
 <LinearLayout  
 android:id="@+id/ll\_input"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/tv\_wellcome"  
 android:orientation="vertical"  
  
 android:paddingLeft="24dp"  
 android:paddingRight="24dp">  
  
 <TextView  
 android:id="@+id/tv\_greeting"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/tv\_wellcome"  
 android:layout\_marginTop="16dp"  
 android:padding="8dp"  
 android:text="Silakan Login Dengan Akun Anda"  
 android:textColor="@color/primaryLightColor"  
 android:textSize="16sp"  
 android:textStyle="bold" />  
  
 <com.google.android.material.textfield.TextInputLayout  
 android:id="@+id/til\_nip"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 app:counterEnabled="true"  
 app:counterMaxLength="20">  
  
 <EditText  
 android:id="@+id/et\_username"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_margin="8dp"  
 android:background="@drawable/textfield\_border"  
 android:ems="10"  
 android:hint="Masukan Nama" />  
  
 </com.google.android.material.textfield.TextInputLayout>  
  
 <com.google.android.material.textfield.TextInputLayout  
 android:id="@+id/til\_password"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/til\_nip"  
 android:layout\_marginTop="8dp"  
 app:passwordToggleEnabled="true">  
  
 <EditText  
 android:id="@+id/et\_password"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="8dp"  
 android:layout\_marginRight="8dp"  
 android:layout\_marginBottom="8dp"  
 android:background="@drawable/textfield\_border"  
 android:ems="6"  
 android:hint="Password"  
 android:inputType="textPassword" />  
 </com.google.android.material.textfield.TextInputLayout>  
 </LinearLayout>  
  
 <com.google.android.material.button.MaterialButton  
 android:id="@+id/btn\_login"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/ll\_input"  
 android:layout\_alignParentEnd="true"  
 android:layout\_marginTop="16dp"  
 android:layout\_marginRight="28sp"  
 android:backgroundTint="@color/primaryColor"  
 android:text="Login"  
 android:textColor="@android:color/white" />  
  
 <com.google.android.material.button.MaterialButton  
 android:id="@+id/btn\_reset"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/ll\_input"  
 android:layout\_marginTop="16dp"  
 android:layout\_marginRight="16dp"  
 android:layout\_toLeftOf="@id/btn\_login"  
 android:backgroundTint="@color/primaryColor"  
 android:text="Reset"  
 android:textColor="@android:color/white" />  
</RelativeLayout>

1. src\main\res\layout\activity\_main.xml

*<?*xml version="1.0" encoding="utf-8"*?>*<androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".MainActivity">  
  
 <ImageView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:src="@drawable/ic\_simorp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 tools:ignore="MissingConstraints" />  
  
</androidx.constraintlayout.widget.ConstraintLayout>

1. src\main\res\layout\activity\_notification.xml

*<?*xml version="1.0" encoding="utf-8"*?>*<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".ProfilActivity">  
  
 <com.google.android.material.appbar.AppBarLayout  
 android:id="@+id/appBar\_status"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:background="@color/primaryColor">  
  
 <androidx.appcompat.widget.Toolbar  
 android:id="@+id/toolBar\_status"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
  
 <TextView  
 android:id="@+id/btn\_back\_alert"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:background="@drawable/ic\_baseline\_arrow\_back\_ios\_24" />  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="match\_parent"  
 android:text="Notification"  
 android:textColor="@color/secondaryColor"  
 android:textSize="21sp"  
 android:textStyle="bold" />  
  
 </androidx.appcompat.widget.Toolbar>  
  
 </com.google.android.material.appbar.AppBarLayout>  
  
 <androidx.recyclerview.widget.RecyclerView  
 android:id="@+id/rv\_notification"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/appBar\_status"  
 android:layout\_margin="8dp"  
 tools:listitem="@layout/item\_card\_notification" />  
  
 <com.google.android.material.floatingactionbutton.FloatingActionButton  
 android:id="@+id/fab\_call"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentEnd="true"  
 android:layout\_alignParentBottom="true"  
 android:layout\_margin="18dp"  
 android:src="@drawable/ic\_baseline\_call\_24" />  
</RelativeLayout>

1. src\main\res\layout\activity\_order.xml

*<?*xml version="1.0" encoding="utf-8"*?>*<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".OrderActivity">  
  
 <com.google.android.material.appbar.AppBarLayout  
 android:id="@+id/appBar\_order"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:background="@color/primaryColor"  
 >  
 <androidx.appcompat.widget.Toolbar  
 android:id="@+id/toolBar\_order"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 >  
 <TextView  
 android:id="@+id/btn\_back\_order"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:background="@drawable/ic\_baseline\_arrow\_back\_ios\_24"/>  
 <TextView  
 android:id="@+id/name"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="match\_parent"  
 android:text="ORDER"  
 android:textSize="21sp"  
 android:textStyle="bold"  
 android:textColor="@color/secondaryColor"/>  
 <TextView  
 android:id="@+id/btn\_cart"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="280dp"  
 android:background="@drawable/ic\_baseline\_shopping\_cart\_24"/>  
 </androidx.appcompat.widget.Toolbar>  
  
 </com.google.android.material.appbar.AppBarLayout>  
 <androidx.swiperefreshlayout.widget.SwipeRefreshLayout  
 android:id="@+id/swlayout"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_below="@id/appBar\_order">  
 <RelativeLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent">  
 <EditText  
 android:id="@+id/et\_Search"  
 android:layout\_width="280dp"  
 android:layout\_height="50dp"  
 android:background="@drawable/textfield\_border"  
 android:layout\_margin="8dp"  
 android:padding="8dp"  
 tools:text="Search"/>  
 <com.google.android.material.button.MaterialButton  
 android:id="@+id/btn\_Search"  
 style="@style/Widget.AppCompat.Button.Colored"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Search"  
 android:textColor="@color/secondaryColor"  
 android:layout\_toRightOf="@id/et\_Search"  
 android:layout\_marginLeft="8dp"  
 android:layout\_marginTop="8dp"/>  
 <com.google.android.material.floatingactionbutton.FloatingActionButton  
 android:id="@+id/fab\_scan"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:src="@drawable/ic\_baseline\_qr\_code\_scanner\_24"  
 android:layout\_alignParentEnd="true"  
 android:layout\_alignParentBottom="true"  
 android:layout\_margin="18dp"/>  
 <androidx.recyclerview.widget.RecyclerView  
 android:id="@+id/rv\_barang"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_below="@id/btn\_Search"  
 android:padding="8dp"  
 android:layout\_marginTop="8dp"  
  
 />  
 </RelativeLayout>  
 </androidx.swiperefreshlayout.widget.SwipeRefreshLayout>  
  
</RelativeLayout>

1. src\main\res\layout\activity\_profil.xml

*<?*xml version="1.0" encoding="utf-8"*?>*<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".ProfilActivity">  
  
 <com.google.android.material.appbar.AppBarLayout  
 android:id="@+id/appBar\_status"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:background="@color/primaryColor">  
  
 <androidx.appcompat.widget.Toolbar  
 android:id="@+id/toolBar\_status"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
  
 <TextView  
 android:id="@+id/btn\_back\_profil"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:background="@drawable/ic\_baseline\_arrow\_back\_ios\_24" />  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="match\_parent"  
 android:text="Profile"  
 android:textColor="@color/secondaryColor"  
 android:textSize="21sp"  
 android:textStyle="bold" />  
  
 </androidx.appcompat.widget.Toolbar>  
  
 </com.google.android.material.appbar.AppBarLayout>  
  
 <ImageView  
 android:id="@+id/ic\_account"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/appBar\_status"  
 android:layout\_centerHorizontal="true"  
 android:layout\_marginTop="24dp"  
 android:src="@drawable/ic\_baseline\_account\_circle\_24" />  
  
 <TextView  
 android:id="@+id/tv\_nama\_profil"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/ic\_account"  
 android:layout\_marginTop="8dp"  
 android:text="Nama"  
 android:textAlignment="center"  
 android:textColor="@color/primaryColor"  
 android:textSize="21sp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/tv\_id\_profil"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/tv\_nama\_profil"  
 android:layout\_marginTop="8dp"  
 android:text="ID"  
 android:textAlignment="center"  
 android:textColor="@color/primaryColor"  
 android:textSize="21sp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/tv\_data\_pribadi"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/tv\_id\_profil"  
 android:layout\_marginLeft="18dp"  
 android:layout\_marginTop="24dp"  
 android:text="DATA PRIBADI"  
 android:textColor="@color/primaryColor"  
 android:textSize="16sp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/tv\_nohp"  
 android:layout\_width="80dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/tv\_data\_pribadi"  
 android:layout\_marginLeft="32dp"  
 android:layout\_marginTop="14dp"  
 android:text="No HP"  
 android:textColor="@color/primaryColor"  
 android:textSize="16sp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/tv\_alamat"  
 android:layout\_width="80dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/tv\_nohp"  
 android:layout\_marginLeft="32dp"  
 android:layout\_marginTop="16dp"  
 android:text="Alamat"  
 android:textColor="@color/primaryColor"  
 android:textSize="16sp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/tv\_posisi"  
 android:layout\_width="80dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/tv\_alamat"  
 android:layout\_marginLeft="32dp"  
 android:layout\_marginTop="16dp"  
 android:text="Posisi"  
 android:textColor="@color/primaryColor"  
 android:textSize="16sp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/tv\_cabang"  
 android:layout\_width="80dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/tv\_posisi"  
 android:layout\_marginLeft="32dp"  
 android:layout\_marginTop="16dp"  
 android:text="Cabang"  
 android:textColor="@color/primaryColor"  
 android:textSize="16sp"  
 android:textStyle="bold" />  
  
 <EditText  
 android:id="@+id/et\_nohp"  
 android:layout\_width="250dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/tv\_data\_pribadi"  
 android:layout\_marginTop="6dp"  
 android:layout\_toRightOf="@id/tv\_nohp"  
 android:background="@drawable/textfield\_border"  
 android:padding="4dp"  
 android:text="a" />  
  
 <EditText  
 android:id="@+id/et\_alamat"  
 android:layout\_width="250dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/et\_nohp"  
 android:layout\_marginTop="6dp"  
 android:layout\_toRightOf="@id/tv\_nohp"  
 android:background="@drawable/textfield\_border"  
 android:padding="4dp"  
 android:text="a" />  
  
 <EditText  
 android:id="@+id/et\_posisi"  
 android:layout\_width="250dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/et\_alamat"  
 android:layout\_marginTop="6dp"  
 android:layout\_toRightOf="@id/tv\_nohp"  
 android:background="@drawable/textfield\_border"  
 android:enabled="false"  
 android:padding="4dp"  
 android:text="a" />  
  
 <EditText  
 android:id="@+id/et\_cabang"  
 android:layout\_width="250dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/et\_posisi"  
 android:layout\_marginTop="6dp"  
 android:layout\_toRightOf="@id/tv\_nohp"  
 android:background="@drawable/textfield\_border"  
 android:enabled="false"  
 android:padding="4dp"  
 android:text="a" />  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/tv\_cabang"  
 android:layout\_marginTop="12dp"  
 android:orientation="vertical"  
 android:padding="12dp">  
  
 <com.google.android.material.button.MaterialButton  
 android:id="@+id/btn\_simpan"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/ll\_input"  
 android:layout\_toLeftOf="@id/btn\_login"  
 android:backgroundTint="@color/primaryColor"  
 android:text="Simpan"  
 android:textColor="@android:color/white" />  
  
 <com.google.android.material.button.MaterialButton  
 android:id="@+id/btn\_ganti\_password"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/ll\_input"  
 android:layout\_toLeftOf="@id/btn\_login"  
 android:backgroundTint="@color/primaryColor"  
 android:text="Ganti Pssword"  
 android:textColor="@android:color/white" />  
  
 <com.google.android.material.button.MaterialButton  
 android:id="@+id/btn\_logout"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/ll\_input"  
 android:layout\_toLeftOf="@id/btn\_login"  
 android:backgroundTint="@color/primaryColor"  
 android:text="LOGOUT"  
 android:textColor="@android:color/white" />  
  
 </LinearLayout>  
</RelativeLayout>

1. src\main\res\layout\activity\_scan\_q\_r.xml

*<?*xml version="1.0" encoding="utf-8"*?>*<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 tools:context=".ScanQRActivity">  
  
 <com.google.android.material.appbar.AppBarLayout  
 android:id="@+id/appBar\_scannerr"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:background="@color/primaryColor">  
  
 <androidx.appcompat.widget.Toolbar  
 android:id="@+id/toolBar\_scanner"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
  
 <TextView  
 android:id="@+id/btn\_back"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:background="@drawable/ic\_baseline\_arrow\_back\_ios\_24" />  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="match\_parent"  
 android:text="Scan RQ Code"  
 android:textColor="@color/secondaryColor"  
 android:textSize="21sp"  
 android:textStyle="bold" />  
  
 </androidx.appcompat.widget.Toolbar>  
  
 </com.google.android.material.appbar.AppBarLayout>  
</RelativeLayout>

1. src\main\res\layout\activity\_seles.xml

*<?*xml version="1.0" encoding="utf-8"*?>*<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".OrderActivity">  
  
 <com.google.android.material.appbar.AppBarLayout  
 android:id="@+id/appBar\_order"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:background="@color/primaryColor">  
  
 <androidx.appcompat.widget.Toolbar  
 android:id="@+id/toolBar\_order"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
  
 <TextView  
 android:id="@+id/btn\_back\_order"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:background="@drawable/ic\_baseline\_arrow\_back\_ios\_24" />  
  
 <TextView  
 android:id="@+id/name"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="match\_parent"  
 android:text="SELES"  
 android:textColor="@color/secondaryColor"  
 android:textSize="21sp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/btn\_cart"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="280dp"  
 android:background="@drawable/ic\_baseline\_shopping\_cart\_24" />  
 </androidx.appcompat.widget.Toolbar>  
  
 </com.google.android.material.appbar.AppBarLayout>  
  
 <androidx.swiperefreshlayout.widget.SwipeRefreshLayout  
 android:id="@+id/swlayout"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_below="@id/appBar\_order">  
  
 <RelativeLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent">  
  
 <EditText  
 android:id="@+id/et\_Search"  
 android:layout\_width="280dp"  
 android:layout\_height="50dp"  
 android:layout\_margin="8dp"  
 android:background="@drawable/textfield\_border"  
 android:padding="8dp"  
 tools:text="Search" />  
  
 <com.google.android.material.button.MaterialButton  
 android:id="@+id/btn\_Search"  
 style="@style/Widget.AppCompat.Button.Colored"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="8dp"  
 android:layout\_marginTop="8dp"  
 android:layout\_toRightOf="@id/et\_Search"  
 android:text="Search"  
 android:textColor="@color/secondaryColor" />  
  
 <com.google.android.material.floatingactionbutton.FloatingActionButton  
 android:id="@+id/fab\_scan"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentEnd="true"  
 android:layout\_alignParentBottom="true"  
 android:layout\_margin="18dp"  
 android:src="@drawable/ic\_baseline\_qr\_code\_scanner\_24" />  
  
 <androidx.recyclerview.widget.RecyclerView  
 android:id="@+id/rv\_barang"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_below="@id/btn\_Search"  
 android:layout\_marginTop="8dp"  
 android:padding="8dp"  
 tools:listitem="@layout/item\_card\_barang" />  
 </RelativeLayout>  
 </androidx.swiperefreshlayout.widget.SwipeRefreshLayout>  
  
</RelativeLayout>

1. src\main\res\layout\activity\_succes.xml

*<?*xml version="1.0" encoding="utf-8"*?>*<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".SuccesActivity">  
 <ImageView  
 android:id="@+id/icon\_succes"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:src="@drawable/ic\_succes"  
 android:layout\_marginTop="120dp"  
 android:layout\_centerHorizontal="true"/>  
 <TextView  
 android:id="@+id/text\_succes"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Pesanan Berhasil Dibuat\nID Pesanan Anda Adalah"  
 android:textColor="@color/secondaryColor"  
 android:textSize="24dp"  
 android:textStyle="bold"  
 android:layout\_centerHorizontal="true"  
 android:layout\_below="@id/icon\_succes"/>  
 <TextView  
 android:id="@+id/id\_pesanan"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="000000"  
 android:textColor="@color/secondaryColor"  
 android:textSize="24dp"  
 android:layout\_marginTop="8dp"  
 android:textStyle="bold"  
 android:layout\_centerHorizontal="true"  
 android:layout\_below="@id/text\_succes"/>  
  
 <com.google.android.material.button.MaterialButton  
 android:id="@+id/btn\_back\_to\_home"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Kembali Ke Home"  
 android:layout\_marginTop="8dp"  
 android:textColor="@color/secondaryColor"  
 android:layout\_centerHorizontal="true"  
 android:layout\_below="@id/id\_pesanan"/>  
</RelativeLayout>

1. src\main\res\layout\form\_detail\_order.xml

*<?*xml version="1.0" encoding="utf-8"*?>*<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:padding="8dp">  
  
 <TextView  
 android:id="@+id/lid"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="No Order:"  
 android:textColor="@color/secondaryColor"  
 android:textSize="18sp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/id\_pesanan\_form"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="12dp"  
 android:layout\_toRightOf="@id/lid"  
 android:text="No Order"  
 android:textColor="@color/secondaryColor"  
 android:textSize="18sp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/ltgl"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/lid"  
 android:layout\_marginTop="8dp"  
 android:text="Tgl Order:"  
 android:textColor="@color/secondaryColor"  
 android:textSize="18sp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/tanggal\_pesanan\_form"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/lid"  
 android:layout\_marginLeft="8dp"  
 android:layout\_marginTop="8dp"  
 android:layout\_toRightOf="@id/ltgl"  
 android:text="No Order"  
 android:textColor="@color/secondaryColor"  
 android:textSize="18sp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/status\_pesanan\_form"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentRight="true"  
 android:layout\_marginLeft="8dp"  
 android:layout\_marginTop="16dp"  
 android:text="Status"  
 android:textColor="@color/secondaryColor"  
 android:textSize="18sp"  
 android:textStyle="bold" />  
  
 <androidx.recyclerview.widget.RecyclerView  
 android:id="@+id/rv\_detail\_order"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/ltgl"  
 android:layout\_margin="12dp" />  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/rv\_detail\_order"  
 android:layout\_marginLeft="8dp"  
 android:text="Total: "  
 android:textColor="@color/secondaryColor"  
 android:textSize="24dp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/total\_form"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/rv\_detail\_order"  
 android:layout\_alignParentRight="true"  
 android:layout\_marginLeft="8dp"  
 android:layout\_marginRight="16sp"  
 android:text="Rp 9999999999"  
 android:textColor="@color/secondaryColor"  
 android:textSize="24dp"  
 android:textStyle="bold" />  
</RelativeLayout>

1. src\main\res\layout\form\_ganti\_password.xml

<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="vertical"  
 android:padding="8dp">  
  
 <com.google.android.material.textfield.TextInputLayout  
  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="8dp"  
 app:passwordToggleEnabled="true">  
  
 <EditText  
 android:id="@+id/et\_password"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="8dp"  
 android:layout\_marginRight="8dp"  
 android:layout\_marginBottom="8dp"  
 android:background="@drawable/textfield\_border"  
 android:ems="6"  
 android:hint="Password Sekarang"  
 android:inputType="textPassword" />  
  
 </com.google.android.material.textfield.TextInputLayout>  
  
 <com.google.android.material.textfield.TextInputLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="8dp"  
 app:passwordToggleEnabled="true">  
  
 <EditText  
 android:id="@+id/et\_password\_baru"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="8dp"  
 android:layout\_marginRight="8dp"  
 android:layout\_marginBottom="8dp"  
 android:background="@drawable/textfield\_border"  
 android:ems="6"  
 android:hint="Password Baru"  
 android:inputType="textPassword" />  
  
 </com.google.android.material.textfield.TextInputLayout>  
  
 <com.google.android.material.textfield.TextInputLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="8dp"  
 app:passwordToggleEnabled="true">  
  
 <EditText  
 android:id="@+id/et\_password\_baru\_confim"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="8dp"  
 android:layout\_marginRight="8dp"  
 android:layout\_marginBottom="8dp"  
 android:background="@drawable/textfield\_border"  
 android:ems="6"  
 android:hint="Konfirmasi Password Baru"  
 android:inputType="textPassword" />  
  
 </com.google.android.material.textfield.TextInputLayout>  
  
  
</LinearLayout>

1. src\main\res\layout\form\_image\_barang.xml

*<?*xml version="1.0" encoding="utf-8"*?>*<androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent">  
  
 <LinearLayout  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:orientation="vertical"  
 android:padding="18dp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 tools:ignore="MissingConstraints">  
  
 <ImageView  
 android:id="@+id/img\_form"  
 android:layout\_width="300dp"  
 android:layout\_height="300dp" />  
  
 <TextView  
 android:id="@+id/nama\_barang\_image"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="12dp"  
 android:text="testttt"  
 android:textColor="@color/secondaryColor"  
 android:textSize="16sp"  
 android:textStyle="bold" />  
 </LinearLayout>  
  
</androidx.constraintlayout.widget.ConstraintLayout>

1. src\main\res\layout\form\_validasi.xml

*<?*xml version="1.0" encoding="utf-8"*?>*<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
  
 <com.google.android.material.textfield.TextInputLayout  
  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="8dp"  
 app:passwordToggleEnabled="true">  
  
 <EditText  
 android:id="@+id/et\_password"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="8dp"  
 android:layout\_marginRight="8dp"  
 android:layout\_marginBottom="8dp"  
 android:background="@drawable/textfield\_border"  
 android:ems="6"  
 android:hint="Password "  
 android:inputType="textPassword" />  
  
 </com.google.android.material.textfield.TextInputLayout>  
</RelativeLayout>

1. src\main\res\layout\item\_card\_barang.xml

*<?*xml version="1.0" encoding="utf-8"*?>*<com.google.android.material.card.MaterialCardView xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_margin="8dp"  
 android:background="@drawable/backgroundbutton">  
  
 <RelativeLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:padding="8dp">  
  
 <ImageView  
 android:id="@+id/iv\_barang"  
 android:layout\_width="100dp"  
 android:layout\_height="100dp" />  
  
 <TextView  
 android:id="@+id/tv\_nama\_barang"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="8dp"  
 android:layout\_marginTop="18dp"  
 android:layout\_toRightOf="@id/iv\_barang"  
 android:text="Otak-Otak Singapore"  
 android:textColor="@color/secondaryColor"  
 android:textSize="16sp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/tv\_id\_barang"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentEnd="true"  
 android:text="880000"  
 android:textColor="@color/secondaryColor"  
 android:textStyle="italic" />  
  
 <TextView  
 android:id="@+id/tv\_harga\_barang"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/tv\_nama\_barang"  
 android:layout\_marginLeft="8dp"  
 android:layout\_marginTop="8dp"  
 android:layout\_toRightOf="@id/iv\_barang"  
 android:text="100.000"  
 android:textColor="@color/secondaryColor"  
 android:textSize="18sp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/tv\_stok\_barang"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/tv\_harga\_barang"  
 android:layout\_marginLeft="8dp"  
 android:layout\_marginTop="12dp"  
 android:layout\_toRightOf="@id/iv\_barang"  
 android:text="1000"  
 android:textColor="@color/secondaryColor"  
 android:textStyle="italic" />  
  
 <com.google.android.material.button.MaterialButton  
 android:id="@+id/btn\_add"  
 android:layout\_width="40dp"  
 android:layout\_height="40dp"  
 android:layout\_below="@id/tv\_harga\_barang"  
 android:layout\_alignParentEnd="true"  
 android:text="+"  
 android:textColor="@color/secondaryColor"  
 android:textStyle="bold" />  
  
 </RelativeLayout>  
</com.google.android.material.card.MaterialCardView>

1. src\main\res\layout\item\_card\_cart.xml

*<?*xml version="1.0" encoding="utf-8"*?>*<com.google.android.material.card.MaterialCardView xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_margin="8dp"  
 android:background="@drawable/backgroundbutton">  
  
 <RelativeLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:padding="8dp">  
  
 <ImageView  
 android:id="@+id/iv\_barang\_cart"  
 android:layout\_width="100dp"  
 android:layout\_height="100dp" />  
  
 <TextView  
 android:id="@+id/tv\_nama\_barang\_cart"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="8dp"  
 android:layout\_marginTop="18dp"  
 android:layout\_toRightOf="@id/iv\_barang\_cart"  
 android:text="Otak-Otak Singapore"  
 android:textColor="@color/secondaryColor"  
 android:textSize="16sp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/tv\_id\_barang\_cart"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="8dp"  
 android:layout\_toRightOf="@id/iv\_barang\_cart"  
 android:text="880000"  
 android:textColor="@color/secondaryColor"  
 android:textStyle="italic" />  
  
 <TextView  
 android:id="@+id/tv\_harga\_barang\_cart"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/tv\_nama\_barang\_cart"  
 android:layout\_marginLeft="8dp"  
 android:layout\_marginTop="8dp"  
 android:layout\_toRightOf="@id/iv\_barang\_cart"  
 android:text="100.000"  
 android:textColor="@color/secondaryColor"  
 android:textSize="18sp"  
 android:textStyle="bold" />  
  
 <LinearLayout  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentEnd="true"  
 android:orientation="horizontal">  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text=""  
 android:textColor="@color/secondaryColor" />  
  
 <TextView  
 android:id="@+id/tv\_subtotal\_cart"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentEnd="true"  
 android:layout\_marginLeft="8dp"  
 android:text=""  
 android:textColor="@color/secondaryColor"  
 android:textStyle="italic" />  
  
 </LinearLayout>  
  
 <TextView  
 android:id="@+id/tv\_stok\_barang\_cart"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/tv\_harga\_barang\_cart"  
 android:layout\_marginLeft="8dp"  
 android:layout\_marginTop="12dp"  
 android:layout\_toRightOf="@id/iv\_barang\_cart"  
 android:text="100000000"  
 android:textColor="@color/secondaryColor"  
 android:textStyle="italic" />  
  
 <ImageButton  
 android:id="@+id/btn\_delete\_cart"  
 android:layout\_width="35dp"  
 android:layout\_height="35dp"  
 android:layout\_below="@id/tv\_harga\_barang\_cart"  
 android:layout\_marginTop="3dp"  
 android:layout\_marginRight="10dp"  
 android:layout\_toLeftOf="@id/btn\_minus\_jumlah"  
 android:background="@color/primaryColor"  
 android:src="@drawable/ic\_baseline\_delete\_24"  
 android:textStyle="bold" />  
  
 <com.google.android.material.button.MaterialButton  
 android:id="@+id/btn\_minus\_jumlah"  
 android:layout\_width="40dp"  
 android:layout\_height="40dp"  
 android:layout\_below="@id/tv\_harga\_barang\_cart"  
 android:layout\_marginTop="0dp"  
 android:layout\_marginRight="-1dp"  
 android:layout\_toLeftOf="@id/et\_jumlah\_pesanan\_cart"  
 android:text="-"  
 android:textColor="@color/secondaryColor"  
 android:textStyle="bold" />  
  
 <EditText  
 android:id="@+id/et\_jumlah\_pesanan\_cart"  
 android:layout\_width="60dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/tv\_harga\_barang\_cart"  
 android:layout\_toLeftOf="@id/btn\_plus\_jumlah"  
 android:inputType="number"  
 android:text="10"  
 android:textAlignment="center"  
 android:textColor="@color/secondaryColor"  
 android:textSize="14sp" />  
  
 <com.google.android.material.button.MaterialButton  
 android:id="@+id/btn\_plus\_jumlah"  
 android:layout\_width="40dp"  
 android:layout\_height="40dp"  
 android:layout\_below="@id/tv\_harga\_barang\_cart"  
 android:layout\_alignParentEnd="true"  
 android:text="+"  
 android:textColor="@color/secondaryColor"  
 android:textStyle="bold" />  
  
 </RelativeLayout>  
</com.google.android.material.card.MaterialCardView>

1. src\main\res\layout\item\_card\_notification.xml

*<?*xml version="1.0" encoding="utf-8"*?>*<com.google.android.material.card.MaterialCardView xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_margin="8dp"  
 android:background="@drawable/backgroundbutton">  
  
 <RelativeLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:padding="8dp">  
  
 <TextView  
 android:id="@+id/tanggal\_notification"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentEnd="true"  
 android:text="Tanggal"  
 android:textColor="@color/secondaryColor"  
 android:textSize="16sp"  
 android:textStyle="italic" />  
  
 <TextView  
 android:id="@+id/judul\_notification"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/tanggal\_notification"  
 android:text="News"  
 android:textColor="@color/secondaryColor"  
 android:textSize="16dp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/news\_notification"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/judul\_notification"  
 android:layout\_marginTop="8dp"  
 android:maxEms="3"  
 android:maxLines="3"  
 android:text=""  
 android:textColor="@color/secondaryColor"  
 android:textSize="16dp"  
 android:textStyle="normal" />  
 </RelativeLayout>  
  
  
</com.google.android.material.card.MaterialCardView>

1. src\main\res\layout\item\_card\_pesanan.xml

*<?*xml version="1.0" encoding="utf-8"*?>*<com.google.android.material.card.MaterialCardView xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_margin="8dp"  
 android:background="@drawable/backgroundbutton">  
  
 <RelativeLayout  
  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:padding="8dp">  
  
 <RelativeLayout  
 android:id="@+id/rl\_label"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:padding="8dp">  
  
 <TextView  
 android:id="@+id/l\_idpesanan"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="ID Pesanan : "  
 android:textColor="@color/secondaryColor"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/l\_pemesan"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/l\_idpesanan"  
 android:layout\_marginTop="8dp"  
 android:text="Pemesan : "  
 android:textColor="@color/secondaryColor"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/l\_tanggalpesanan"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/l\_pemesan"  
 android:layout\_marginTop="8dp"  
 android:text="Tanggal Pesanan : "  
 android:textColor="@color/secondaryColor"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/l\_totalHarga"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/l\_tanggalpesanan"  
 android:layout\_marginTop="8dp"  
 android:text="Total Pesanan : "  
 android:textColor="@color/secondaryColor"  
 android:textStyle="bold" />  
  
 </RelativeLayout>  
  
 <RelativeLayout  
 android:id="@+id/rl\_isi"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_toRightOf="@id/rl\_label"  
 android:padding="8dp">  
  
 <TextView  
 android:id="@+id/id\_pesanan\_cart"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="000000"  
 android:textColor="@color/secondaryColor"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/pemesan\_cart"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/id\_pesanan\_cart"  
 android:layout\_marginTop="8dp"  
 android:text="03-08-2000"  
 android:textColor="@color/secondaryColor"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/tanggal\_pesanan\_cart"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/pemesan\_cart"  
 android:layout\_marginTop="8dp"  
 android:text="03-08-2000"  
 android:textColor="@color/secondaryColor"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/total\_harga\_pesanan\_cart"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/tanggal\_pesanan\_cart"  
 android:layout\_marginTop="8dp"  
 android:text="1000000"  
 android:textColor="@color/secondaryColor"  
 android:textStyle="bold" />  
 </RelativeLayout>  
  
 <TextView  
 android:id="@+id/status\_pesanan"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentEnd="true"  
 android:layout\_marginTop="42dp"  
 android:layout\_toRightOf="@id/rl\_isi"  
 android:text="Belum DIterima"  
 android:textAlignment="textEnd"  
 android:textColor="@color/secondaryColor"  
 android:textStyle="bold" />  
 </RelativeLayout>  
  
</com.google.android.material.card.MaterialCardView>

1. src\main\res\layout\item\_detail\_order.xml

*<?*xml version="1.0" encoding="utf-8"*?>*<com.google.android.material.card.MaterialCardView xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
  
 <RelativeLayout  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_margin="8dp">  
  
 <TextView  
 android:id="@+id/id\_barang\_item"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="sssssss"  
 android:textColor="@color/secondaryColor"  
 android:textSize="18sp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/nama\_barang\_item"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="16dp"  
 android:layout\_toRightOf="@id/id\_barang\_item"  
  
 android:text="sssssss"  
 android:textColor="@color/secondaryColor"  
 android:textSize="18sp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/harga\_barang\_item"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/nama\_barang\_item"  
 android:layout\_marginLeft="-42dp"  
 android:layout\_marginTop="-1dp"  
 android:layout\_toRightOf="@id/id\_barang\_item"  
 android:text="sssssssssssssss"  
 android:textColor="@color/secondaryColor"  
 android:textSize="18sp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/x"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/nama\_barang\_item"  
 android:layout\_marginLeft="8dp"  
 android:layout\_marginRight="8dp"  
 android:layout\_toRightOf="@id/harga\_barang\_item"  
 android:text="X"  
 android:textColor="@color/secondaryColor"  
 android:textSize="18sp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/jumlah\_barang\_item"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/nama\_barang\_item"  
 android:layout\_toRightOf="@id/x"  
 android:text="ssssssssss"  
 android:textColor="@color/secondaryColor"  
 android:textSize="18sp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/total\_barang\_item"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/nama\_barang\_item"  
 android:layout\_alignParentRight="true"  
 android:text="hhhh"  
 android:textColor="@color/secondaryColor"  
 android:textSize="18sp"  
 android:textStyle="bold" />  
 </RelativeLayout>  
  
</com.google.android.material.card.MaterialCardView>

1. src\main\res\values\colors.xml

*<?*xml version="1.0"*?>  
  
<!--?xml version="1.0" encoding="UTF-8"?-->* <resources>  
  
 <color name="primaryColor">#37474f</color>  
  
 <color name="primaryLightColor">#62727b</color>  
  
 <color name="primaryDarkColor">#102027</color>  
  
 <color name="secondaryColor">#e65100</color>  
  
 <color name="secondaryLightColor">#ff833a</color>  
  
 <color name="secondaryDarkColor">#ac1900</color>  
  
 <color name="primaryTextColor">#ffffff</color>  
  
 <color name="secondaryTextColor">#000000</color>  
  
</resources>

1. src\main\res\values\themes.xml

<resources xmlns:tools="http://schemas.android.com/tools">  
 *<!-- Base application theme. -->* <style name="Theme.SIMORP" parent="Theme.MaterialComponents.DayNight.NoActionBar">  
 *<!-- Primary brand color. -->* <item name="colorPrimary">@color/primaryColor</item>  
 <item name="colorPrimaryVariant">@color/primaryDarkColor</item>  
 <item name="colorOnPrimary">@color/primaryLightColor</item>  
 *<!-- Secondary brand color. -->* <item name="colorSecondary">@color/secondaryColor</item>  
 <item name="colorSecondaryVariant">@color/secondaryDarkColor</item>  
 <item name="colorOnSecondary">@color/secondaryLightColor</item>  
  
 *<!-- Status bar color. -->* <item name="android:statusBarColor" tools:targetApi="l">?attr/colorPrimaryVariant</item>  
 *<!-- Customize your theme here. -->* </style>  
</resources>

1. build.gradle

plugins {  
 id 'com.android.application'  
}  
  
android {  
 compileSdkVersion 30  
 buildToolsVersion "30.0.3"  
  
 defaultConfig {  
 applicationId "com.sonisuciadi.simorp"  
 minSdkVersion 26  
 targetSdkVersion 30  
 versionCode 1  
 versionName "1.0"  
  
 testInstrumentationRunner "androidx.test.runner.AndroidJUnitRunner"  
 }  
  
 buildTypes {  
 release {  
 minifyEnabled false  
 proguardFiles getDefaultProguardFile('proguard-android-optimize.txt'), 'proguard-rules.pro'  
 }  
 }  
 compileOptions {  
 sourceCompatibility JavaVersion.VERSION\_1\_8  
 targetCompatibility JavaVersion.VERSION\_1\_8  
 }  
}  
  
dependencies {  
 compile 'me.dm7.barcodescanner:zxing:1.9'  
 implementation 'com.squareup.retrofit2:retrofit:2.9.0'  
 implementation 'com.squareup.retrofit2:converter-gson:2.9.0'  
 implementation 'androidx.swiperefreshlayout:swiperefreshlayout:1.1.0'  
 implementation "androidx.swiperefreshlayout:swiperefreshlayout:1.2.0-alpha01"  
 implementation 'androidx.appcompat:appcompat:1.2.0'  
 implementation 'com.google.android.material:material:1.3.0'  
 implementation 'androidx.constraintlayout:constraintlayout:2.0.4'  
 testImplementation 'junit:junit:4.+'  
 androidTestImplementation 'androidx.test.ext:junit:1.1.2'  
 androidTestImplementation 'androidx.test.espresso:espresso-core:3.3.0'  
 implementation'com.google.code.gson:gson:2.8.5'  
 implementation 'androidx.swiperefreshlayout:swiperefreshlayout:1.2.0-alpha01'  
}

****

**UNIVERSITAS**

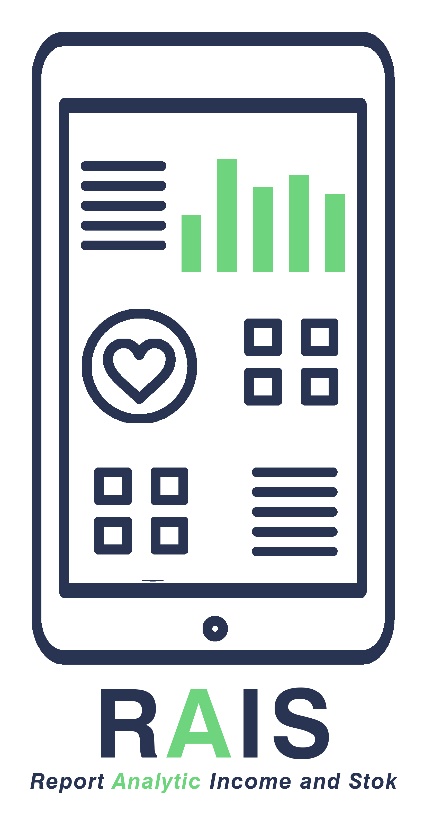
**MULTI DATA**

**PALEMBANG**

**SOURCE   
CODE**

# **SOURCE CODE RAIS**

**RAIS (Report Analytic Income and Stok)**

****

1. src\main\AndroidManifest.xml

*<?*xml version="1.0" encoding="utf-8"*?>*<manifest xmlns:android="http://schemas.android.com/apk/res/android"  
 package="com.sonisuciadi.rais">  
  
 <uses-permission android:name="android.permission.INTERNET" />  
 <uses-permission android:name="android.permission.ACCESS\_NETWORK\_STATE" />  
  
 <application  
 android:allowBackup="true"  
 android:icon="@mipmap/ic\_launcher"  
 android:label="@string/app\_name"  
 android:roundIcon="@mipmap/ic\_launcher\_round"  
 android:supportsRtl="true"  
 android:theme="@style/Theme.RAIS"  
 android:usesCleartextTraffic="true">  
 <activity android:name=".HomeActivity"></activity>  
 <activity android:name=".AccountActivity" />  
 <activity android:name=".AnalyticIncomeActivity" />  
 <activity android:name=".AnalyticStokActivity" />  
 <activity android:name=".MonitoringIncomeActivity" />  
 <activity android:name=".MonitoringStokActivity" />  
 <activity android:name=".SubMenu" />  
 <activity android:name=".LoginActivity" />  
 <activity android:name=".MainActivity">  
 <intent-filter>  
 <action android:name="android.intent.action.MAIN" />  
  
 <category android:name="android.intent.category.LAUNCHER" />  
 </intent-filter>  
 </activity>  
 </application>  
  
</manifest>

1. src\main\java\com\sonisuciadi\rais\Adapter\AnalyticIncomeAdapter.java

package com.sonisuciadi.rais.Adapter;  
  
import android.content.Context;  
import android.view.LayoutInflater;  
import android.view.View;  
import android.view.ViewGroup;  
import android.widget.TextView;  
  
import androidx.annotation.NonNull;  
import androidx.recyclerview.widget.RecyclerView;  
  
import com.sonisuciadi.rais.Model.mAnalyticIncome;  
import com.sonisuciadi.rais.Model.mDetailIncome;  
import com.sonisuciadi.rais.Model.mMonitoringIncome;  
import com.sonisuciadi.rais.R;  
  
import org.w3c.dom.Text;  
  
import java.text.NumberFormat;  
import java.util.HashMap;  
import java.util.List;  
import java.util.Locale;  
  
public class AnalyticIncomeAdapter extends RecyclerView.Adapter<AnalyticIncomeAdapter.viewHolder> {  
 Context context;  
 List<mAnalyticIncome> mdata;  
 AnalyticIncomeAdapter.onItemClickListener onItemClickListener;  
  
 public AnalyticIncomeAdapter(Context context, List<mAnalyticIncome> mdata, AnalyticIncomeAdapter.onItemClickListener onItemClickListener) {  
 this.context = context;  
 this.mdata = mdata;  
 this.onItemClickListener = onItemClickListener;  
 }  
  
 @NonNull  
 @Override  
 public AnalyticIncomeAdapter.viewHolder onCreateViewHolder(@NonNull ViewGroup parent, int viewType) {  
 View view = LayoutInflater.*from*(parent.getContext()).inflate(R.layout.*item\_card\_analytic\_income*, parent, false);  
 return new AnalyticIncomeAdapter.viewHolder(view);  
 }  
  
 @Override  
 public void onBindViewHolder(@NonNull AnalyticIncomeAdapter.viewHolder holder, int position) {  
 holder.bind(mdata.get(position), onItemClickListener);  
 }  
  
 @Override  
 public int getItemCount() {  
 return mdata.size();  
 }  
  
 public class viewHolder extends RecyclerView.ViewHolder {  
 TextView idCabang, namaCabang, namaHS, income;  
  
 public viewHolder(@NonNull View itemView) {  
 super(itemView);  
 idCabang = itemView.findViewById(R.id.*tv\_id*);  
 namaCabang = itemView.findViewById(R.id.*tv\_nama*);  
 namaHS = itemView.findViewById(R.id.*tv\_nama\_hs*);  
 income = itemView.findViewById(R.id.*tv\_income*);  
 }  
  
 public void bind(mAnalyticIncome item, AnalyticIncomeAdapter.onItemClickListener onItemClickListener) {  
 idCabang.setText(String.*valueOf*(item.getId()));  
 namaCabang.setText(item.getNama\_cabang());  
 namaHS.setText(item.getNama());  
 income.setText(formatRupiah(Double.*valueOf*(item.getIncome())));  
 itemView.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 onItemClickListener.onItemClick(item, getPosition());  
 }  
 });  
 }  
 }  
  
 private String formatRupiah(Double number) {  
 Locale localeID = new Locale("in", "ID");  
 NumberFormat formatRupiah = NumberFormat.*getCurrencyInstance*(localeID);  
 return formatRupiah.format(number);  
 }  
  
 public String getKeuntungan() {  
 int keuntungan = 0;  
 for (int i = 0; i < mdata.size(); i++) {  
 keuntungan += mdata.get(i).getIncome();  
 }  
 return formatRupiah(Double.*valueOf*(keuntungan));  
 }  
  
 public interface onItemClickListener {  
 void onItemClick(mAnalyticIncome item, int position);  
 }  
}

1. src\main\java\com\sonisuciadi\rais\Adapter\DetailIncomeAdapter.java

package com.sonisuciadi.rais.Adapter;

import android.content.Context;  
import android.view.LayoutInflater;  
import android.view.View;  
import android.view.ViewGroup;  
import android.widget.TextView;  
  
import androidx.annotation.NonNull;  
import androidx.recyclerview.widget.RecyclerView;  
  
import com.sonisuciadi.rais.Model.mDetailIncome;  
import com.sonisuciadi.rais.R;  
  
import java.text.NumberFormat;  
import java.util.List;  
import java.util.Locale;  
  
public class DetailIncomeAdapter extends RecyclerView.Adapter<DetailIncomeAdapter.viewHolder> {  
 Context context;  
 List<mDetailIncome> mdata;  
 Locale localeID = new Locale("in", "ID");  
 NumberFormat formatRupiah = NumberFormat.*getCurrencyInstance*(localeID);  
  
 public DetailIncomeAdapter(Context context, List<mDetailIncome> mdata) {  
 this.context = context;  
 this.mdata = mdata;  
 }  
  
 @NonNull  
 @Override  
 public DetailIncomeAdapter.viewHolder onCreateViewHolder(@NonNull ViewGroup parent, int viewType) {  
 View view = LayoutInflater.*from*(parent.getContext()).inflate(R.layout.*item\_detail\_income*, parent, false);  
 return new DetailIncomeAdapter.viewHolder(view);  
 }  
  
 @Override  
 public void onBindViewHolder(@NonNull DetailIncomeAdapter.viewHolder holder, int position) {  
 holder.bind(mdata.get(position));  
 }  
  
 @Override  
 public int getItemCount() {  
 return mdata.size();  
 }  
  
 public class viewHolder extends RecyclerView.ViewHolder {  
 TextView idBarang, namaBarang, hargaBarang, jumlah, keuntungan;  
  
 public viewHolder(@NonNull View itemView) {  
 super(itemView);  
 idBarang = itemView.findViewById(R.id.*id\_barang\_item*);  
 namaBarang = itemView.findViewById(R.id.*nama\_barang\_item*);  
 hargaBarang = itemView.findViewById(R.id.*harga\_barang\_item*);  
 jumlah = itemView.findViewById(R.id.*jumlah\_barang\_item*);  
 keuntungan = itemView.findViewById(R.id.*total\_barang\_item*);  
 }  
  
 public void bind(mDetailIncome item) {  
 idBarang.setText(String.*valueOf*(item.getId()));  
 namaBarang.setText(String.*valueOf*(item.getNama()));  
 hargaBarang.setText(formatRupiah(Double.*valueOf*(item.getUntung())));  
 jumlah.setText(String.*valueOf*(item.getJumlah()));  
 keuntungan.setText(formatRupiah(Double.*valueOf*(item.getTotal())));  
 }  
 }  
  
 private String formatRupiah(Double number) {  
 Locale localeID = new Locale("in", "ID");  
 NumberFormat formatRupiah = NumberFormat.*getCurrencyInstance*(localeID);  
 return formatRupiah.format(number);  
 }  
}

1. src\main\java\com\sonisuciadi\rais\Adapter\MonitoringIncomeAdapter.java

package com.sonisuciadi.rais.Adapter;  
  
import android.content.Context;  
import android.view.LayoutInflater;  
import android.view.View;  
import android.view.ViewGroup;  
import android.widget.TextView;  
  
import androidx.annotation.NonNull;  
import androidx.recyclerview.widget.RecyclerView;  
  
import com.sonisuciadi.rais.Model.mMonitoringBarang;  
import com.sonisuciadi.rais.Model.mMonitoringIncome;  
import com.sonisuciadi.rais.MonitoringStokActivity;  
import com.sonisuciadi.rais.R;  
  
import java.text.NumberFormat;  
import java.util.List;  
import java.util.Locale;  
  
public class MonitoringIncomeAdapter extends RecyclerView.Adapter<MonitoringIncomeAdapter.viewHolder> {  
 List<mMonitoringIncome> mdata;  
 Context context;  
 MonitoringIncomeAdapter.onItemClickListener onItemClickListener;  
 Locale localeID = new Locale("in", "ID");  
 NumberFormat formatRupiah = NumberFormat.*getCurrencyInstance*(localeID);  
  
 public MonitoringIncomeAdapter(List<mMonitoringIncome> mdata, Context context, MonitoringIncomeAdapter.onItemClickListener onItemClickListener) {  
 this.mdata = mdata;  
 this.context = context;  
 this.onItemClickListener = onItemClickListener;  
 }  
  
 @NonNull  
 @Override  
 public MonitoringIncomeAdapter.viewHolder onCreateViewHolder(@NonNull ViewGroup parent, int viewType) {  
 View view= LayoutInflater.*from*(parent.getContext()).inflate(R.layout.*item\_card\_monitoring\_income*,parent,false);  
 return new MonitoringIncomeAdapter.viewHolder(view);  
 }  
  
 @Override  
 public void onBindViewHolder(@NonNull MonitoringIncomeAdapter.viewHolder holder, int position) {  
 holder.bind(mdata.get(position),onItemClickListener);  
 }  
  
 @Override  
 public int getItemCount() {  
 return mdata.size();  
 }  
  
 public class viewHolder extends RecyclerView.ViewHolder {  
 TextView idPesanan,namaCabang, tanggalPesanan, totalKeuntungan, status;  
 public viewHolder(@NonNull View itemView) {  
 super(itemView);  
 idPesanan=itemView.findViewById(R.id.id\_pesanan);  
 namaCabang=itemView.findViewById(R.id.nama\_cabang);  
 tanggalPesanan=itemView.findViewById(R.id.tanggal\_pesanan);  
 totalKeuntungan=itemView.findViewById(R.id.total\_keuntungan);  
 status=itemView.findViewById(R.id.status\_pesanan);  
 }  
 public void bind(mMonitoringIncome item, MonitoringIncomeAdapter.onItemClickListener onItemClickListener){  
 idPesanan.setText(String.valueOf(item.getId()));  
 namaCabang.setText(item.getNama\_cabang());  
 tanggalPesanan.setText(item.getTanggal\_seles());  
 totalKeuntungan.setText(String.valueOf(item.getKeuntungan()));  
 status.setText(item.getStatus());  
 itemView.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 onItemClickListener.onItemClick(item,getPosition());  
 }  
 });  
  
 }  
 }  
 public interface onItemClickListener{  
 void onItemClick(mMonitoringIncome item,int position );  
 }  
 public String getKeuntungan(){  
 int keuntungan=0;  
 for (int i=0;i<mdata.size();i++){  
 if (mdata.get(i).getStatus().equals("Selesai")){  
 keuntungan+=mdata.get(i).getKeuntungan();  
 }  
 }  
 return formatRupiah.format(keuntungan);  
 }  
  
  
}

1. src\main\java\com\sonisuciadi\rais\Adapter\MonitoringStokAdapter.java

package com.sonisuciadi.rais.Adapter;  
  
import android.content.Context;  
import android.graphics.Color;  
import android.view.LayoutInflater;  
import android.view.View;  
import android.view.ViewGroup;  
import android.widget.TextView;  
  
import androidx.annotation.NonNull;  
import androidx.recyclerview.widget.RecyclerView;  
  
import com.sonisuciadi.rais.Model.mMonitoringBarang;  
import com.sonisuciadi.rais.R;  
  
import java.util.List;  
  
public class MonitoringStokAdapter extends RecyclerView.Adapter<MonitoringStokAdapter.viewHolder> {  
 List<mMonitoringBarang> mdata;  
 Context context;  
 onItemClickListener onItemClickListener;  
  
 public MonitoringStokAdapter(List<mMonitoringBarang> mdata, Context context, MonitoringStokAdapter.onItemClickListener onItemClickListener) {  
 this.mdata = mdata;  
 this.context = context;  
 this.onItemClickListener = onItemClickListener;  
 }  
  
 @NonNull  
 @Override  
 public MonitoringStokAdapter.viewHolder onCreateViewHolder(@NonNull ViewGroup parent, int viewType) {  
 View view = LayoutInflater.*from*(parent.getContext()).inflate(R.layout.*item\_card\_motoring\_stok*, parent, false);  
 return new viewHolder(view);  
 }  
  
 @Override  
 public void onBindViewHolder(@NonNull MonitoringStokAdapter.viewHolder holder, int position) {  
 holder.bind(mdata.get(position), onItemClickListener);  
 }  
  
 @Override  
 public int getItemCount() {  
 return mdata.size();  
 }  
  
 public class viewHolder extends RecyclerView.ViewHolder {  
 TextView tvKdBranch, tvKdBarang, tvNamaBranch, tvNamaBarang, tvStok;  
  
 public viewHolder(@NonNull View itemView) {  
 super(itemView);  
 tvKdBranch = itemView.findViewById(R.id.*tv\_kd\_branch*);  
 tvKdBarang = itemView.findViewById(R.id.*tv\_kd\_barang*);  
 tvNamaBranch = itemView.findViewById(R.id.*tv\_nama\_branch*);  
 tvNamaBarang = itemView.findViewById(R.id.*tv\_nama\_barang*);  
 tvStok = itemView.findViewById(R.id.*tv\_stok*);  
  
 }  
  
 public void bind(mMonitoringBarang item, onItemClickListener onItemClickListener) {  
 tvKdBranch.setText(String.*valueOf*(item.getId()));  
 tvKdBarang.setText(String.*valueOf*(item.getBarangid()));  
 tvNamaBranch.setText(item.getNama\_cabang().toString());  
 tvNamaBarang.setText(item.getBarangnama().toString());  
 if (item.getJumlah() < 5) {  
 tvStok.setTextColor(Color.*RED*);  
 }  
 tvStok.setText(String.*valueOf*(item.getJumlah()));  
 itemView.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 onItemClickListener.onItemClick(item, getPosition());  
 }  
 });  
 }  
  
 }  
  
 public interface onItemClickListener {  
 void onItemClick(mMonitoringBarang item, int position);  
 }  
}

1. src\main\java\com\sonisuciadi\rais\API\APIRequestData.java

package com.sonisuciadi.rais.API;  
  
import com.sonisuciadi.rais.Response.rAnalyticIncome;  
import com.sonisuciadi.rais.Response.rAnalyticIncomeBranch;  
import com.sonisuciadi.rais.Response.rAnalyticStok;  
import com.sonisuciadi.rais.Response.rBarang;  
import com.sonisuciadi.rais.Response.rBranch;  
import com.sonisuciadi.rais.Response.rDetailIncome;  
import com.sonisuciadi.rais.Response.rMonitoringBarang;  
import com.sonisuciadi.rais.Response.rMonitoringIncome;  
import com.sonisuciadi.rais.Response.rUser;  
  
import retrofit2.Call;  
import retrofit2.http.Field;  
import retrofit2.http.FormUrlEncoded;  
import retrofit2.http.GET;  
import retrofit2.http.POST;  
  
public interface APIRequestData {  
 @FormUrlEncoded  
 @POST("login.php")  
 Call<rUser> login(  
 @Field("nama") String nama,  
 @Field("password") String password  
 );  
  
 @GET("getAllBranch.php")  
 Call<rBranch> getAllBranch();  
  
 @FormUrlEncoded  
 @POST("getAllBarang.php")  
 Call<rBarang> getAllBarang(  
 @Field("kdbranch") int kdbranch  
 );  
  
 @FormUrlEncoded  
 @POST("AnalyticIncome.php")  
 Call<rAnalyticIncome> getAnalyticIncome(  
 @Field("awal") String awal,  
 @Field("akhir") String akhir  
 );  
  
 @FormUrlEncoded  
 @POST("monitoringStok.php")  
 Call<rMonitoringBarang> monitoringStok(  
 @Field("id") String id  
 );  
  
 @FormUrlEncoded  
 @POST("AnalyticIncomeBranch.php")  
 Call<rAnalyticIncomeBranch> analyticIncomeBranch(  
 @Field("kdbranch") int kdbranch  
 );  
  
 @FormUrlEncoded  
 @POST("AnalyticStok.php")  
 Call<rAnalyticStok> analyticStok(  
 @Field("kdBarang") int kdBarang  
 );  
  
 @FormUrlEncoded  
 @POST("getAllIncome.php")  
 Call<rMonitoringIncome> getAllIncome(  
 @Field("awal") String awal,  
 @Field("akhir") String akhir,  
 @Field("kdbranch") String kdbranch  
 );  
  
 @FormUrlEncoded  
 @POST("getDetailIncome.php")  
 Call<rDetailIncome> getDetailIncome(  
 @Field("id") String id  
 );  
  
 @FormUrlEncoded  
 @POST("updateUser.php")  
 Call<rUser> updateUser(  
 @Field("alamat") String alamat,  
 @Field("ponsel") String ponsel,  
 @Field("password") String password,  
 @Field("id") Integer id  
  
 );  
}

1. src\main\java\com\sonisuciadi\rais\API\RetroServer.java

package com.sonisuciadi.rais.API;  
  
import retrofit2.Retrofit;  
import retrofit2.converter.gson.GsonConverterFactory;  
  
public class RetroServer {  
 private static final String *baseURL* = "http://48e2-182-1-230-90.ngrok.io/rest\_api\_skripsi/rais/";  
 private static Retrofit retro;  
  
 public static Retrofit konekRetrofit(){  
 if (retro == null){  
 retro = new Retrofit.Builder()  
 .baseUrl(baseURL)  
 .addConverterFactory(GsonConverterFactory.create())  
 .build();  
 }  
 return retro;  
 }  
}

1. src\main\java\com\sonisuciadi\rais\DataBaseHelper\UsersDataBaseHelper.java

package com.sonisuciadi.rais.DataBaseHelper;  
  
import android.content.ContentValues;  
import android.content.Context;  
import android.database.Cursor;  
import android.database.sqlite.SQLiteDatabase;  
import android.database.sqlite.SQLiteOpenHelper;  
  
import com.sonisuciadi.rais.Model.mUsers;  
  
import java.util.List;  
  
public class UsersDataBaseHelper extends SQLiteOpenHelper {  
 Context context;  
 private static final String *TABLE\_NAME* = "tbl\_user";  
 private static final int *DATABASE\_VERSION* = 1;  
 private static final String *FIELD\_ID* = "id";  
 private static final String *FIELD\_NAMA* = "nama";  
 private static final String *FIELD\_ALAMAT* = "alamat";  
 private static final String *FIELD\_PONSEL* = "ponsel";  
 private static final String *FIELD\_WORKPLACES*= "workplaces";  
 private static final String *FIELD\_JABATAN* = "jabatan";  
 private static final String *FIELD\_PASSWORD* = "password";  
 private static final String *FIELD\_USER\_UPDATE* = "userupdate";  
 private static final String *FIELD\_UPDATE\_AT* = "updateat";  
 private static final String *FIELD\_NAMA\_CABANG* = "namacabang";  
  
 public UsersDataBaseHelper(Context context) {  
 super(context,*TABLE\_NAME*,null,*DATABASE\_VERSION*);  
 }  
  
  
  
 @Override  
 public void onCreate(SQLiteDatabase db) {  
 String query="CREATE TABLE "+*TABLE\_NAME*+" ("+  
 *FIELD\_ID*+" INTEGER, "+  
 *FIELD\_NAMA*+ " TEXT, " +  
 *FIELD\_ALAMAT*+ " TEXT, " +  
 *FIELD\_PONSEL*+ " TEXT, " +  
 *FIELD\_WORKPLACES*+ " INTEGER, " +  
 *FIELD\_JABATAN*+ " TEXT, " +  
 *FIELD\_PASSWORD*+ " TEXT, " +  
 *FIELD\_USER\_UPDATE*+ " INTEGER, " +  
 *FIELD\_UPDATE\_AT*+ " TEXT, " +  
 FIELD\_NAMA\_CABANG+ " TEXT);";  
 db.execSQL(query);  
 }  
  
 @Override  
 public void onUpgrade(SQLiteDatabase db, int oldVersion, int newVersion) {  
 db.execSQL("DROP TABLE IF EXISTS "+TABLE\_NAME);  
 onCreate(db);  
 }  
 public long insertUser(List<mUsers> user){  
 SQLiteDatabase db= this.getWritableDatabase();  
 ContentValues cv=new ContentValues();  
 cv.put(FIELD\_ID,user.get(0).getId());  
 cv.put(FIELD\_NAMA,user.get(0).getNama());  
 cv.put(FIELD\_ALAMAT,user.get(0).getAlamat());  
 cv.put(FIELD\_PONSEL,user.get(0).getPonsel());  
 cv.put(FIELD\_WORKPLACES,user.get(0).getWorkplaces());  
 cv.put(FIELD\_JABATAN,user.get(0).getJabatan());  
 cv.put(FIELD\_PASSWORD,user.get(0).getPassword());  
 cv.put(FIELD\_USER\_UPDATE,user.get(0).getUser\_update());  
 cv.put(FIELD\_UPDATE\_AT,user.get(0).getUpdate\_at());  
 cv.put(FIELD\_NAMA\_CABANG,user.get(0).getNama\_cabang());  
  
 long exc=db.insert(TABLE\_NAME,null,cv);  
 return exc;  
 }  
 public Cursor getUser(){  
 String querry="SELECT \* FROM "+TABLE\_NAME;  
 SQLiteDatabase sqLiteDatabase=this.getReadableDatabase();  
 Cursor cursor=sqLiteDatabase.rawQuery(querry,null);  
 if (cursor==null){  
 cursor=sqLiteDatabase.rawQuery(querry,null);  
 }  
 return cursor;  
 }  
 public long deleteUser(String index){  
 SQLiteDatabase sqLiteDatabase=this.getWritableDatabase();  
 long exc=sqLiteDatabase.delete(TABLE\_NAME,"id= ?",new String[]{index});  
 return exc;  
 }  
  
}

1. src\main\java\com\sonisuciadi\rais\Response\rAnalyticIncome.java

package com.sonisuciadi.rais.Response;  
  
import com.sonisuciadi.rais.Model.mAnalyticIncome;  
  
import java.util.List;  
  
public class rAnalyticIncome {  
 int kode;  
 String pesan;  
 List<mAnalyticIncome> data;  
  
 public int getKode() {  
 return kode;  
 }  
  
 public void setKode(int kode) {  
 this.kode = kode;  
 }  
  
 public String getPesan() {  
 return pesan;  
 }  
  
 public void setPesan(String pesan) {  
 this.pesan = pesan;  
 }  
  
 public List<mAnalyticIncome> getData() {  
 return data;  
 }  
  
 public void setData(List<mAnalyticIncome> data) {  
 this.data = data;  
 }  
}

1. src\main\java\com\sonisuciadi\rais\Response\rAnalyticIncomeBranch.java

package com.sonisuciadi.rais.Response;  
  
import com.sonisuciadi.rais.Model.mAnalyticIncomeBranch;  
  
import java.util.List;  
  
public class rAnalyticIncomeBranch {  
 int id;  
 String pesan;  
 List<mAnalyticIncomeBranch> data;  
  
 public int getId() {  
 return id;  
 }  
  
 public void setId(int id) {  
 this.id = id;  
 }  
  
 public String getPesan() {  
 return pesan;  
 }  
  
 public void setPesan(String pesan) {  
 this.pesan = pesan;  
 }  
  
 public List<mAnalyticIncomeBranch> getData() {  
 return data;  
 }  
  
 public void setData(List<mAnalyticIncomeBranch> data) {  
 this.data = data;  
 }  
}

1. src\main\java\com\sonisuciadi\rais\Response\rAnalyticStok.java

package com.sonisuciadi.rais.Response;  
  
import com.sonisuciadi.rais.Model.mAnalyticStok;  
  
import java.util.List;  
  
public class rAnalyticStok {  
 int kode;  
 String pesan;  
 List<mAnalyticStok> data;  
  
 public int getKode() {  
 return kode;  
 }  
  
 public void setKode(int kode) {  
 this.kode = kode;  
 }  
  
 public String getPesan() {  
 return pesan;  
 }  
  
 public void setPesan(String pesan) {  
 this.pesan = pesan;  
 }  
  
 public List<mAnalyticStok> getData() {  
 return data;  
 }  
  
 public void setData(List<mAnalyticStok> data) {  
 this.data = data;  
 }  
}

1. src\main\java\com\sonisuciadi\rais\Response\rBarang.java

package com.sonisuciadi.rais.Response;  
  
import com.sonisuciadi.rais.Model.mBarang;  
  
import java.util.List;  
  
public class rBarang {  
 int kode;  
 String pesan;  
 List<mBarang> data;  
  
 public int getKode() {  
 return kode;  
 }  
  
 public void setKode(int kode) {  
 this.kode = kode;  
 }  
  
 public String getPesan() {  
 return pesan;  
 }  
  
 public void setPesan(String pesan) {  
 this.pesan = pesan;  
 }  
  
 public List<mBarang> getData() {  
 return data;  
 }  
  
 public void setData(List<mBarang> data) {  
 this.data = data;  
 }  
}

1. src\main\java\com\sonisuciadi\rais\Response\rBranch.java

package com.sonisuciadi.rais.Response;  
  
import com.sonisuciadi.rais.Model.mBranch;  
  
import java.util.List;  
  
public class rBranch {  
 int kode;  
 String pesan;  
 List<mBranch> data;  
  
 public int getKode() {  
 return kode;  
 }  
  
 public void setKode(int kode) {  
 this.kode = kode;  
 }  
  
 public String getPesan() {  
 return pesan;  
 }  
  
 public void setPesan(String pesan) {  
 this.pesan = pesan;  
 }  
  
 public List<mBranch> getData() {  
 return data;  
 }  
  
 public void setData(List<mBranch> data) {  
 this.data = data;  
 }  
}

1. src\main\java\com\sonisuciadi\rais\Response\rDetailIncome.java

package com.sonisuciadi.rais.Response;  
  
import com.sonisuciadi.rais.Model.mBranch;  
import com.sonisuciadi.rais.Model.mDetailIncome;  
  
import java.util.List;  
  
public class rDetailIncome {  
 int kode;  
 String pesan;  
 List<mDetailIncome> data;  
  
 public int getKode() {  
 return kode;  
 }  
  
 public void setKode(int kode) {  
 this.kode = kode;  
 }  
  
 public String getPesan() {  
 return pesan;  
 }  
  
 public void setPesan(String pesan) {  
 this.pesan = pesan;  
 }  
  
 public List<mDetailIncome> getData() {  
 return data;  
 }  
  
 public void setData(List<mDetailIncome> data) {  
 this.data = data;  
 }  
}

1. src\main\java\com\sonisuciadi\rais\Response\rMonitoringBarang.java

package com.sonisuciadi.rais.Response;  
  
import com.sonisuciadi.rais.Model.mMonitoringBarang;  
  
import java.util.List;  
  
public class rMonitoringBarang {  
 int id;  
 String pesan;  
 List<mMonitoringBarang> data;  
  
 public int getId() {  
 return id;  
 }  
  
 public void setId(int id) {  
 this.id = id;  
 }  
  
 public String getPesan() {  
 return pesan;  
 }  
  
 public void setPesan(String pesan) {  
 this.pesan = pesan;  
 }  
  
 public List<mMonitoringBarang> getData() {  
 return data;  
 }  
  
 public void setData(List<mMonitoringBarang> data) {  
 this.data = data;  
 }  
}

1. src\main\java\com\sonisuciadi\rais\Response\rMonitoringIncome.java

package com.sonisuciadi.rais.Response;  
  
import com.sonisuciadi.rais.Model.mMonitoringIncome;  
  
import java.util.List;  
  
public class rMonitoringIncome {  
 int id;  
 String pesan;  
 List<mMonitoringIncome> data;  
  
 public int getId() {  
 return id;  
 }  
  
 public void setId(int id) {  
 this.id = id;  
 }  
  
 public String getPesan() {  
 return pesan;  
 }  
  
 public void setPesan(String pesan) {  
 this.pesan = pesan;  
 }  
  
 public List<mMonitoringIncome> getData() {  
 return data;  
 }  
  
 public void setData(List<mMonitoringIncome> data) {  
 this.data = data;  
 }  
}

1. src\main\java\com\sonisuciadi\rais\Response\rUser.java

package com.sonisuciadi.rais.Response;  
  
import com.sonisuciadi.rais.Model.mUsers;  
  
import java.util.List;  
  
public class rUser {  
 private int kode;  
 private String pesan;  
 private List<mUsers> data;  
  
 public int getKode() {  
 return kode;  
 }  
  
 public void setKode(int kode) {  
 this.kode = kode;  
 }  
  
 public String getPesan() {  
 return pesan;  
 }  
  
 public void setPesan(String pesan) {  
 this.pesan = pesan;  
 }  
  
 public List<mUsers> getData() {  
 return data;  
 }  
  
 public void setData(List<mUsers> data) {  
 this.data = data;  
 }  
}

1. src\main\java\com\sonisuciadi\rais\Model\mAnalyticIncome.java

package com.sonisuciadi.rais.Model;  
  
import java.util.List;  
  
public class mAnalyticIncome {  
 int id,income;  
 String nama,nama\_cabang;  
  
 public int getId() {  
 return id;  
 }  
  
 public void setId(int id) {  
 this.id = id;  
 }  
  
 public int getIncome() {  
 return income;  
 }  
  
 public void setIncome(int income) {  
 this.income = income;  
 }  
  
 public String getNama() {  
 return nama;  
 }  
  
 public void setNama(String nama) {  
 this.nama = nama;  
 }  
  
 public String getNama\_cabang() {  
 return nama\_cabang;  
 }  
  
 public void setNama\_cabang(String nama\_cabang) {  
 this.nama\_cabang = nama\_cabang;  
 }  
}

1. src\main\java\com\sonisuciadi\rais\Model\mAnalyticIncomeBranch.java

package com.sonisuciadi.rais.Model;  
  
public class mAnalyticIncomeBranch {  
 int id,income, bulan;  
 String nama,nama\_cabang;  
  
 public int getId() {  
 return id;  
 }  
  
 public void setId(int id) {  
 this.id = id;  
 }  
  
 public int getIncome() {  
 return income;  
 }  
  
 public void setIncome(int income) {  
 this.income = income;  
 }  
  
 public int getBulan() {  
 return bulan;  
 }  
  
 public void setBulan(int bulan) {  
 this.bulan = bulan;  
 }  
  
 public String getNama() {  
 return nama;  
 }  
  
 public void setNama(String nama) {  
 this.nama = nama;  
 }  
  
 public String getNama\_cabang() {  
 return nama\_cabang;  
 }  
  
 public void setNama\_cabang(String nama\_cabang) {  
 this.nama\_cabang = nama\_cabang;  
 }  
}

1. src\main\java\com\sonisuciadi\rais\Model\mAnalyticStok.java

package com.sonisuciadi.rais.Model;  
  
public class mAnalyticStok {  
 int id, harga\_beli,harga\_jual, bulan, tahun, keluar;  
 String nama, nama\_suplier, ponsel;  
  
 public int getId() {  
 return id;  
 }  
  
 public void setId(int id) {  
 this.id = id;  
 }  
  
 public int getHarga\_beli() {  
 return harga\_beli;  
 }  
  
 public void setHarga\_beli(int harga\_beli) {  
 this.harga\_beli = harga\_beli;  
 }  
  
 public int getHarga\_jual() {  
 return harga\_jual;  
 }  
  
 public void setHarga\_jual(int harga\_jual) {  
 this.harga\_jual = harga\_jual;  
 }  
  
 public int getBulan() {  
 return bulan;  
 }  
  
 public void setBulan(int bulan) {  
 this.bulan = bulan;  
 }  
  
 public int getTahun() {  
 return tahun;  
 }  
  
 public void setTahun(int tahun) {  
 this.tahun = tahun;  
 }  
  
 public int getKeluar() {  
 return keluar;  
 }  
  
 public void setKeluar(int keluar) {  
 this.keluar = keluar;  
 }  
  
 public String getNama() {  
 return nama;  
 }  
  
 public void setNama(String nama) {  
 this.nama = nama;  
 }  
  
 public String getNama\_suplier() {  
 return nama\_suplier;  
 }  
  
 public void setNama\_suplier(String nama\_suplier) {  
 this.nama\_suplier = nama\_suplier;  
 }  
  
 public String getPonsel() {  
 return ponsel;  
 }  
  
 public void setPonsel(String ponsel) {  
 this.ponsel = ponsel;  
 }  
}

1. src\main\java\com\sonisuciadi\rais\Model\mBarang.java

package com.sonisuciadi.rais.Model;  
  
public class mBarang {  
 int id, harga\_jual, harga\_beli, stok;  
 String nama, status;  
  
 public int getId() {  
 return id;  
 }  
  
 public void setId(int id) {  
 this.id = id;  
 }  
  
 public int getHarga\_jual() {  
 return harga\_jual;  
 }  
  
 public void setHarga\_jual(int harga\_jual) {  
 this.harga\_jual = harga\_jual;  
 }  
  
 public int getHarga\_beli() {  
 return harga\_beli;  
 }  
  
 public void setHarga\_beli(int harga\_beli) {  
 this.harga\_beli = harga\_beli;  
 }  
  
 public int getStok() {  
 return stok;  
 }  
  
 public void setStok(int stok) {  
 this.stok = stok;  
 }  
  
 public String getNama() {  
 return nama;  
 }  
  
 public void setNama(String nama) {  
 this.nama = nama;  
 }  
  
 public String getStatus() {  
 return status;  
 }  
  
 public void setStatus(String status) {  
 this.status = status;  
 }  
}

1. src\main\java\com\sonisuciadi\rais\Model\mBranch.java

package com.sonisuciadi.rais.Model;  
  
public class mBranch {  
 int id;  
 String nama\_cabang,alamat,telepon,nama,ponsel;  
  
 public int getId() {  
 return id;  
 }  
  
 public void setId(int id) {  
 this.id = id;  
 }  
  
 public String getNama\_cabang() {  
 return nama\_cabang;  
 }  
  
 public void setNama\_cabang(String nama\_cabang) {  
 this.nama\_cabang = nama\_cabang;  
 }  
  
 public String getAlamat() {  
 return alamat;  
 }  
  
 public void setAlamat(String alamat) {  
 this.alamat = alamat;  
 }  
  
 public String getTelepon() {  
 return telepon;  
 }  
  
 public void setTelepon(String telepon) {  
 this.telepon = telepon;  
 }  
  
 public String getNama() {  
 return nama;  
 }  
  
 public void setNama(String nama) {  
 this.nama = nama;  
 }  
  
 public String getPonsel() {  
 return ponsel;  
 }  
  
 public void setPonsel(String ponsel) {  
 this.ponsel = ponsel;  
 }  
}

1. src\main\java\com\sonisuciadi\rais\Model\mDetailIncome.java

package com.sonisuciadi.rais.Model;  
  
public class mDetailIncome {  
 int id, jumlah, untung, total;  
 String nama;  
  
 public int getId() {  
 return id;  
 }  
  
 public void setId(int id) {  
 this.id = id;  
 }  
  
 public int getJumlah() {  
 return jumlah;  
 }  
  
 public void setJumlah(int jumlah) {  
 this.jumlah = jumlah;  
 }  
  
 public int getUntung() {  
 return untung;  
 }  
  
 public void setUntung(int untung) {  
 this.untung = untung;  
 }  
  
 public int getTotal() {  
 return total;  
 }  
  
 public void setTotal(int total) {  
 this.total = total;  
 }  
  
 public String getNama() {  
 return nama;  
 }  
  
 public void setNama(String nama) {  
 this.nama = nama;  
 }  
}

1. src\main\java\com\sonisuciadi\rais\Model\mMonitoringBarang.java

package com.sonisuciadi.rais.Model;  
  
public class mMonitoringBarang {  
 int id, jumlah ;  
 String nama\_cabang,telepon,nama,ponsel,barangid,barangnama,image;  
  
 public int getId() {  
 return id;  
 }  
  
 public void setId(int id) {  
 this.id = id;  
 }  
  
 public int getJumlah() {  
 return jumlah;  
 }  
  
 public void setJumlah(int jumlah) {  
 this.jumlah = jumlah;  
 }  
  
 public String getNama\_cabang() {  
 return nama\_cabang;  
 }  
  
 public void setNama\_cabang(String nama\_cabang) {  
 this.nama\_cabang = nama\_cabang;  
 }  
  
 public String getTelepon() {  
 return telepon;  
 }  
  
 public void setTelepon(String telepon) {  
 this.telepon = telepon;  
 }  
  
 public String getNama() {  
 return nama;  
 }  
  
 public void setNama(String nama) {  
 this.nama = nama;  
 }  
  
 public String getPonsel() {  
 return ponsel;  
 }  
  
 public void setPonsel(String ponsel) {  
 this.ponsel = ponsel;  
 }  
  
 public String getBarangid() {  
 return barangid;  
 }  
  
 public void setBarangid(String barangid) {  
 this.barangid = barangid;  
 }  
  
 public String getBarangnama() {  
 return barangnama;  
 }  
  
 public void setBarangnama(String barangnama) {  
 this.barangnama = barangnama;  
 }  
  
 public String getImage() {  
 return image;  
 }  
  
 public void setImage(String image) {  
 this.image = image;  
 }  
}

1. src\main\java\com\sonisuciadi\rais\Model\mMonitoringIncome.java

package com.sonisuciadi.rais.Model;  
  
public class mMonitoringIncome {  
 int id, keuntungan, jumlah;  
 String nama,nama\_cabang,tanggal\_seles,status;  
  
 public int getId() {  
 return id;  
 }  
  
 public void setId(int id) {  
 this.id = id;  
 }  
  
 public int getKeuntungan() {  
 return keuntungan;  
 }  
  
 public void setKeuntungan(int keuntungan) {  
 this.keuntungan = keuntungan;  
 }  
  
 public int getJumlah() {  
 return jumlah;  
 }  
  
 public void setJumlah(int jumlah) {  
 this.jumlah = jumlah;  
 }  
  
 public String getNama() {  
 return nama;  
 }  
  
 public void setNama(String nama) {  
 this.nama = nama;  
 }  
  
 public String getNama\_cabang() {  
 return nama\_cabang;  
 }  
  
 public void setNama\_cabang(String nama\_cabang) {  
 this.nama\_cabang = nama\_cabang;  
 }  
  
 public String getTanggal\_seles() {  
 return tanggal\_seles;  
 }  
  
 public void setTanggal\_seles(String tanggal\_seles) {  
 this.tanggal\_seles = tanggal\_seles;  
 }  
  
 public String getStatus() {  
 return status;  
 }  
  
 public void setStatus(String status) {  
 this.status = status;  
 }  
}

1. src\main\java\com\sonisuciadi\rais\Model\mUsers.java

package com.sonisuciadi.rais.Model;  
  
public class mUsers {  
 Integer id,user\_update,workplaces;  
 String nama,alamat,ponsel,jabatan,password,update\_at,nama\_cabang;  
  
 public Integer getId() {  
 return id;  
 }  
  
 public void setId(Integer id) {  
 this.id = id;  
 }  
  
 public Integer getUser\_update() {  
 return user\_update;  
 }  
  
 public void setUser\_update(Integer user\_update) {  
 this.user\_update = user\_update;  
 }  
  
 public Integer getWorkplaces() {  
 return workplaces;  
 }  
  
 public void setWorkplaces(Integer workplaces) {  
 this.workplaces = workplaces;  
 }  
  
 public String getNama() {  
 return nama;  
 }  
  
 public void setNama(String nama) {  
 this.nama = nama;  
 }  
  
 public String getAlamat() {  
 return alamat;  
 }  
  
 public void setAlamat(String alamat) {  
 this.alamat = alamat;  
 }  
  
 public String getPonsel() {  
 return ponsel;  
 }  
  
 public void setPonsel(String ponsel) {  
 this.ponsel = ponsel;  
 }  
  
 public String getJabatan() {  
 return jabatan;  
 }  
  
 public void setJabatan(String jabatan) {  
 this.jabatan = jabatan;  
 }  
  
 public String getPassword() {  
 return password;  
 }  
  
 public void setPassword(String password) {  
 this.password = password;  
 }  
  
 public String getUpdate\_at() {  
 return update\_at;  
 }  
  
 public void setUpdate\_at(String update\_at) {  
 this.update\_at = update\_at;  
 }  
  
 public String getNama\_cabang() {  
 return nama\_cabang;  
 }  
  
 public void setNama\_cabang(String nama\_cabang) {  
 this.nama\_cabang = nama\_cabang;  
 }  
}

1. src\main\java\com\sonisuciadi\rais\AccountActivity.java

package com.sonisuciadi.rais;  
  
import androidx.appcompat.app.AlertDialog;  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.content.DialogInterface;  
import android.content.Intent;  
import android.database.Cursor;  
import android.os.Bundle;  
import android.view.LayoutInflater;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
import android.widget.TextView;  
import android.widget.Toast;  
  
import com.sonisuciadi.rais.API.APIRequestData;  
import com.sonisuciadi.rais.API.RetroServer;  
import com.sonisuciadi.rais.DataBaseHelper.UsersDataBaseHelper;  
import com.sonisuciadi.rais.Model.mUsers;  
import com.sonisuciadi.rais.Response.rUser;  
  
import java.util.ArrayList;  
import java.util.List;  
  
import retrofit2.Call;  
import retrofit2.Callback;  
import retrofit2.Response;  
  
public class AccountActivity extends AppCompatActivity {  
 List<mUsers> user=new ArrayList<>();  
 EditText nohp,alamat,posisi,cabang;  
 TextView nama,id;  
 Button btnGanti, btnSimpan, btnLogout;  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_account*);  
 nama=findViewById(R.id.*tv\_nama\_profil*);  
 id=findViewById(R.id.*tv\_id\_profil*);  
 nohp=findViewById(R.id.*et\_nohp*);  
 alamat=findViewById(R.id.*et\_alamat*);  
 posisi=findViewById(R.id.*et\_posisi*);  
 cabang=findViewById(R.id.*et\_cabang*);  
  
 TextView btnBack=findViewById(R.id.*btn\_back\_account*);  
 btnBack.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 Intent intent=new Intent(AccountActivity.this, HomeActivity.class);  
 startActivity(intent);  
 overridePendingTransition(R.anim.*push\_up\_in*, R.anim.*push\_up\_out*);  
 finish();  
  
 }  
 });  
 setUserIdentity();  
 btnGanti=findViewById(R.id.*btn\_ganti\_password*);  
 btnGanti.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 showGantiPassword();  
 }  
 });  
 btnSimpan=findViewById(R.id.*btn\_simpan*);  
 btnSimpan.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 showSimpanDialog();  
 }  
 });  
 btnLogout=findViewById(R.id.*btn\_logout*);  
 btnLogout.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 AlertDialog.Builder dialog;  
 dialog= new AlertDialog.Builder(AccountActivity.this);  
 dialog.setCancelable(true);  
 dialog.setTitle("Keluar");  
 dialog.setMessage("Yakin Keluar ?");  
 dialog.setPositiveButton("YA", new DialogInterface.OnClickListener() {  
 @Override  
 public void onClick(DialogInterface dialogInterface, int i) {  
 UsersDataBaseHelper usersDataBaseHelper=new UsersDataBaseHelper(AccountActivity.this);  
 usersDataBaseHelper.deleteUser(user.get(0).getId().toString());  
  
 Intent intent=new Intent(AccountActivity.this, LoginActivity.class);  
 startActivity(intent);  
 overridePendingTransition(R.anim.*push\_up\_in*, R.anim.*push\_up\_out*);  
 finish();  
 }  
 });  
 dialog.setNegativeButton("BATAL", new DialogInterface.OnClickListener() {  
 @Override  
 public void onClick(DialogInterface dialogInterface, int i) {  
  
 }  
 });  
 dialog.show();  
  
 }  
 });  
 }  
 @Override  
 public void onBackPressed() {  
 Intent intent=new Intent(AccountActivity.this, HomeActivity.class);  
 startActivity(intent);  
 overridePendingTransition(R.anim.*push\_up\_in*, R.anim.*push\_up\_out*);  
 finish();  
  
 }  
 public void setUserIdentity(){  
 UsersDataBaseHelper usersDataBaseHelper=new UsersDataBaseHelper(AccountActivity.this);  
 Cursor userIdentity=usersDataBaseHelper.getUser();  
 mUsers muser= new mUsers();  
  
  
 while (userIdentity.moveToNext()){  
 muser=new mUsers();  
 muser.setId(userIdentity.getInt(0));  
 muser.setNama(userIdentity.getString(1));  
 muser.setAlamat(userIdentity.getString(2));  
 muser.setPonsel(userIdentity.getString(3));  
 muser.setWorkplaces(userIdentity.getInt(4));  
 muser.setJabatan(userIdentity.getString(5));  
 muser.setPassword(userIdentity.getString(6));  
 muser.setUser\_update(userIdentity.getInt(7));  
 muser.setUpdate\_at(userIdentity.getString(8));  
 muser.setNama\_cabang(userIdentity.getString(9));  
 user.add(muser);  
 }  
 nama.setText(user.get(0).getNama());  
 id.setText(user.get(0).getId().toString());  
 nohp.setText(user.get(0).getPonsel());  
 alamat.setText(user.get(0).getAlamat());  
 posisi.setText(user.get(0).getJabatan());  
 cabang.setText(user.get(0).getNama\_cabang());  
  
  
 }  
 public void showGantiPassword(){  
 View dialogView;  
 LayoutInflater inflater;  
 AlertDialog.Builder dialog;  
 EditText passwordSekarang, passwordBaru,passwordConfirm;  
 dialog= new AlertDialog.Builder(AccountActivity.this);  
 inflater = getLayoutInflater();  
 dialogView = inflater.inflate(R.layout.*form\_ganti\_password*, null);  
 passwordSekarang=dialogView.findViewById(R.id.*et\_password*);  
 passwordBaru=dialogView.findViewById(R.id.*et\_password\_baru*);  
 passwordConfirm=dialogView.findViewById(R.id.*et\_password\_baru\_confim*);  
 dialog.setView(dialogView);  
 dialog.setCancelable(true);  
 dialog.setTitle("Ganti Password");  
 dialog.setPositiveButton("Simpan", new DialogInterface.OnClickListener() {  
 @Override  
 public void onClick(DialogInterface dialogInterface, int i) {  
 if (passwordSekarang.getText().toString().equals(user.get(0).getPassword())&&passwordBaru.getText().toString().equals(passwordConfirm.getText().toString())){  
 APIRequestData apiRequestData= RetroServer.*konekRetrofit*().create(APIRequestData.class);  
 Call<rUser> updateUser= apiRequestData.updateUser(alamat.getText().toString(),nohp.getText().toString(),passwordBaru.getText().toString(),Integer.*valueOf*(id.getText().toString()));  
 updateUser.enqueue(new Callback<rUser>() {  
 @Override  
 public void onResponse(Call<rUser> call, Response<rUser> response) {  
 Toast.*makeText*(AccountActivity.this, "Berhasil", Toast.*LENGTH\_SHORT*).show();  
 UsersDataBaseHelper usersDataBaseHelper=new UsersDataBaseHelper(AccountActivity.this);  
 usersDataBaseHelper.deleteUser(user.get(0).getId().toString());  
 Intent intent=new Intent(AccountActivity.this, LoginActivity.class);  
 startActivity(intent);  
 overridePendingTransition(R.anim.*push\_up\_in*, R.anim.*push\_up\_out*);  
 finish();  
  
 }  
  
 @Override  
 public void onFailure(Call<rUser> call, Throwable t) {  
 Toast.*makeText*(AccountActivity.this, t.toString(), Toast.*LENGTH\_SHORT*).show();  
 }  
 });  
 }else{  
 Toast.*makeText*(AccountActivity.this, "Salah", Toast.*LENGTH\_SHORT*).show();  
 }  
 }  
 });  
 dialog.show();  
  
 }  
 public void showSimpanDialog(){  
 View dialogView;  
 LayoutInflater inflater;  
 AlertDialog.Builder dialog;  
 EditText passwordSekarang;  
 dialog= new AlertDialog.Builder(AccountActivity.this);  
 inflater = getLayoutInflater();  
 dialogView = inflater.inflate(R.layout.*form\_validasi*, null);  
 passwordSekarang=dialogView.findViewById(R.id.*et\_password*);  
 dialog.setView(dialogView);  
 dialog.setCancelable(true);  
 dialog.setTitle("Validai");  
 dialog.setPositiveButton("Simpan", new DialogInterface.OnClickListener() {  
 @Override  
 public void onClick(DialogInterface dialogInterface, int i) {  
 if (passwordSekarang.getText().toString().equals(user.get(0).getPassword())){  
 APIRequestData apiRequestData= RetroServer.*konekRetrofit*().create(APIRequestData.class);  
 Call<rUser> updateUser= apiRequestData.updateUser(alamat.getText().toString(),nohp.getText().toString(),passwordSekarang.getText().toString(),Integer.*valueOf*(id.getText().toString()));  
 updateUser.enqueue(new Callback<rUser>() {  
 @Override  
 public void onResponse(Call<rUser> call, Response<rUser> response) {  
 UsersDataBaseHelper usersDataBaseHelper=new UsersDataBaseHelper(AccountActivity.this);  
 usersDataBaseHelper.deleteUser(user.get(0).getId().toString());  
 Toast.*makeText*(AccountActivity.this, "Berhasil", Toast.*LENGTH\_SHORT*).show();  
 Intent intent=new Intent(AccountActivity.this, LoginActivity.class);  
 startActivity(intent);  
 overridePendingTransition(R.anim.*push\_up\_in*, R.anim.*push\_up\_out*);  
 finish();  
  
 }  
  
 @Override  
 public void onFailure(Call<rUser> call, Throwable t) {  
 Toast.*makeText*(AccountActivity.this, t.toString(), Toast.*LENGTH\_SHORT*).show();  
 }  
 });  
  
 }else{  
 Toast.*makeText*(AccountActivity.this, "Salah", Toast.*LENGTH\_SHORT*).show();  
 }  
 }  
 });  
 dialog.show();  
  
 }  
}

1. src\main\java\com\sonisuciadi\rais\AnalyticIncomeActivity.java

package com.sonisuciadi.rais;  
  
import android.content.DialogInterface;  
import android.content.Intent;  
import android.graphics.Color;  
import android.os.Bundle;  
import android.provider.Settings;  
import android.view.LayoutInflater;  
import android.view.View;  
import android.widget.TextView;  
  
import androidx.appcompat.app.AlertDialog;  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.recyclerview.widget.LinearLayoutManager;  
import androidx.recyclerview.widget.RecyclerView;  
  
import android.os.Bundle;  
import android.widget.Toast;  
  
import com.github.mikephil.charting.charts.BarChart;  
import com.github.mikephil.charting.components.AxisBase;  
import com.github.mikephil.charting.components.XAxis;  
import com.github.mikephil.charting.data.BarData;  
import com.github.mikephil.charting.data.BarDataSet;  
import com.github.mikephil.charting.data.BarEntry;  
import com.github.mikephil.charting.formatter.DefaultAxisValueFormatter;  
import com.github.mikephil.charting.formatter.IAxisValueFormatter;  
import com.github.mikephil.charting.utils.ColorTemplate;  
import com.sonisuciadi.rais.API.APIRequestData;  
import com.sonisuciadi.rais.API.RetroServer;  
import com.sonisuciadi.rais.Adapter.AnalyticIncomeAdapter;  
import com.sonisuciadi.rais.Adapter.DetailIncomeAdapter;  
import com.sonisuciadi.rais.Model.mAnalyticIncome;  
import com.sonisuciadi.rais.Model.mAnalyticIncomeBranch;  
import com.sonisuciadi.rais.Model.mBranch;  
import com.sonisuciadi.rais.Response.rAnalyticIncome;  
import com.sonisuciadi.rais.Response.rAnalyticIncomeBranch;  
import com.sonisuciadi.rais.Response.rBranch;  
import com.sonisuciadi.rais.Response.rDetailIncome;  
  
import java.text.SimpleDateFormat;  
import java.util.ArrayList;  
import java.util.Calendar;  
import java.util.Collection;  
import java.util.Date;  
import java.util.HashMap;  
import java.util.List;  
import java.util.stream.Collectors;  
  
import jrizani.jrspinner.JRSpinner;  
import retrofit2.Call;  
import retrofit2.Callback;  
import retrofit2.Response;  
  
  
public class AnalyticIncomeActivity extends AppCompatActivity {  
 private BarChart mBarChart;  
 List<mBranch> mBranchList;  
 List<mAnalyticIncome> mAnalyticIncomes;  
 JRSpinner sFrekuensi;  
 TextView tvIncome;  
 RecyclerView rvAIncome;  
 AnalyticIncomeAdapter analyticIncomeAdapter;  
 List<mAnalyticIncomeBranch> analyticIncomeBranch;  
 String[] frekuensi=new String[5];  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.activity\_analytic\_income);  
 Date date = new Date();  
 AnalyticIncomeAdapter analyticIncomeAdapter;  
 SimpleDateFormat simpleDateFormat = new SimpleDateFormat("yyyy-MM-dd");  
 String timeStamp=simpleDateFormat.format(date);  
 tvIncome=findViewById(R.id.tv\_totalincome);  
 sFrekuensi=findViewById(R.id.sfrekuensi);  
 frekuensi[0]="Daily";  
 frekuensi[1]="Weekly";  
 frekuensi[2]="Monthly";  
 frekuensi[3]="Yearly";  
 frekuensi[4]="Year to date";  
 sFrekuensi.setItems(getResources().getStringArray(R.array.frekuensi\_array));  
 sFrekuensi.setOnItemClickListener(new JRSpinner.OnItemClickListener() {  
 @Override  
 public void onItemClick(int position) {  
 SimpleDateFormat dateFormat = new SimpleDateFormat("yyyy-MM-dd");  
 String before=null;  
 if (frekuensi[position].equals("Daily")){  
 before=dateFormat.format(date);  
 }else if (frekuensi[position].equals("Weekly")){  
 Calendar c = Calendar.getInstance();  
 c.setTime(date);  
 c.add(Calendar.DATE, -7);  
 Date currentDatePlusOne = c.getTime();  
 before=dateFormat.format(currentDatePlusOne);  
 } else if (frekuensi[position].equals("Monthly")){  
 Calendar c = Calendar.getInstance();  
 c.setTime(date);  
 c.add(Calendar.MONTH, -1);  
 Date currentDatePlusOne = c.getTime();  
 before=dateFormat.format(currentDatePlusOne);  
 }else if (frekuensi[position].equals("Yearly")){  
 Calendar c = Calendar.getInstance();  
 c.setTime(date);  
 c.add(Calendar.YEAR, -1);  
 Date currentDatePlusOne = c.getTime();  
 before=dateFormat.format(currentDatePlusOne);  
 }else if (frekuensi[position].equals("Year to date")){  
 Calendar c = Calendar.getInstance();  
 c.setTime(date);  
 before="2022-01-01";  
 }  
 Toast.makeText(AnalyticIncomeActivity.this, before, Toast.LENGTH\_SHORT).show();  
 setChart(timeStamp,before);  
  
 }  
 });  
 TextView btnBack=findViewById(R.id.btn\_back\_aincome);  
 btnBack.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 Intent intent=new Intent(AnalyticIncomeActivity.this, HomeActivity.class);  
 startActivity(intent);  
 overridePendingTransition(R.anim.push\_up\_in, R.anim.push\_up\_out);  
 finish();  
  
 }  
 });  
  
 setChart(timeStamp,timeStamp);  
  
  
 }  
 public void setChart(String akhir, String awal){  
 rvAIncome=findViewById(R.id.rv\_aincome);  
 mBarChart = findViewById(R.id.lineChart);  
 float groupSpace = 0.08f;  
 float barSpace = 0.02f;  
 float barWidth = 0.45f;  
  
 List<BarEntry> rank1 = new ArrayList<BarEntry>();  
 List<BarEntry> rank2= new ArrayList<BarEntry>();  
 List<BarEntry> rank3 = new ArrayList<BarEntry>();  
 List<BarEntry> rank4 = new ArrayList<BarEntry>();  
 List<BarEntry> rank5 = new ArrayList<BarEntry>();  
*// List<BarEntry> rank6 = new ArrayList<BarEntry>();* mAnalyticIncomes=new ArrayList<>();  
 APIRequestData apiRequestData=RetroServer.konekRetrofit().create(APIRequestData.class);  
 Call<rAnalyticIncome> rAnalyticIncomeCall=apiRequestData.getAnalyticIncome(awal, akhir);  
 rAnalyticIncomeCall.enqueue(new Callback<rAnalyticIncome>() {  
 @Override  
 public void onResponse(Call<rAnalyticIncome> call, Response<rAnalyticIncome> response) {  
 mAnalyticIncomes=response.body().getData();  
 final LinearLayoutManager layoutManager = new LinearLayoutManager(AnalyticIncomeActivity.this);  
 layoutManager.setOrientation(LinearLayoutManager.VERTICAL);  
 rvAIncome.setLayoutManager(layoutManager);  
 analyticIncomeAdapter=new AnalyticIncomeAdapter(AnalyticIncomeActivity.this, mAnalyticIncomes, new AnalyticIncomeAdapter.onItemClickListener() {  
 @Override  
 public void onItemClick(mAnalyticIncome item, int position) {  
 showAnalyticIncome(item.getId(),item.getNama\_cabang());  
 }  
 });  
 tvIncome.setText(analyticIncomeAdapter.getKeuntungan());  
 rvAIncome.setAdapter(analyticIncomeAdapter);  
 analyticIncomeAdapter.notifyDataSetChanged();  
 for(int c=1;c<mAnalyticIncomes.size();c++)  
 {  
 for(int d=0;d<mAnalyticIncomes.size()-c;d++)  
 {  
if(mAnalyticIncomes.get(d).getIncome() <= mAnalyticIncomes.get(d+1).getIncome())  
 {  
 mAnalyticIncome obj=new mAnalyticIncome();  
 obj.setId(mAnalyticIncomes.get(d).getId());  
 obj.setNama(mAnalyticIncomes.get(d).getNama());  
 obj.setNama\_cabang(mAnalyticIncomes.get(d).getNama\_cabang());  
 obj.setIncome(mAnalyticIncomes.get(d).getIncome());  
  
 mAnalyticIncomes.set(d,mAnalyticIncomes.get(d+1));  
 mAnalyticIncomes.set(d+1,obj);  
  
 }  
 }  
 }  
  
*//* rank1.add(new BarEntry(2016, mAnalyticIncomes.get(0).getIncome()));  
 BarDataSet dataSet1 = new BarDataSet(rank1, String.valueOf(mAnalyticIncomes.get(0).getId()));  
 dataSet1.setColor(ColorTemplate.JOYFUL\_COLORS[0]);  
  
 rank2.add(new BarEntry(2016, mAnalyticIncomes.get(1).getIncome()));  
 BarDataSet dataSet2 = new BarDataSet(rank2, String.valueOf(mAnalyticIncomes.get(1).getId()));  
 dataSet2.setColor(ColorTemplate.JOYFUL\_COLORS[1]);  
  
 rank3.add(new BarEntry(2016,mAnalyticIncomes.get(2).getIncome()));  
 BarDataSet dataSet3 = new BarDataSet(rank3, String.valueOf(mAnalyticIncomes.get(2).getId()));  
 dataSet3.setColor(ColorTemplate.JOYFUL\_COLORS[2]);  
  
 rank4.add(new BarEntry(2016,mAnalyticIncomes.get(3).getIncome()));  
 BarDataSet dataSet4 = new BarDataSet(rank4, String.valueOf(mAnalyticIncomes.get(3).getId()));  
 dataSet4.setColor(ColorTemplate.JOYFUL\_COLORS[3]);  
  
 rank5.add(new BarEntry(2016,mAnalyticIncomes.get(4).getIncome()));  
 BarDataSet dataSet5 = new BarDataSet(rank5, String.valueOf(mAnalyticIncomes.get(4).getId()));  
 dataSet5.setColor(ColorTemplate.JOYFUL\_COLORS[3]);  
  
  
  
  
 BarData barData = new BarData(dataSet1, dataSet2,dataSet3,dataSet4,dataSet5);  
  
 *// Pengaturan sumbu X* XAxis xAxis = mBarChart.getXAxis();  
 xAxis.setPosition(XAxis.XAxisPosition.BOTTOM.BOTTOM);  
 xAxis.setCenterAxisLabels(true);  
  
 *// Agar ketika di zoom tidak menjadi pecahan* xAxis.setGranularity(1f);  
  
 *// Diubah menjadi integer, kemudian dijadikan String  
 // Ini berfungsi untuk menghilankan koma, dan tanda ribuah pada tahun* xAxis.setValueFormatter(new DefaultAxisValueFormatter(1));  
  
 *//Menghilangkan sumbu Y yang ada di sebelah kanan* mBarChart.getAxisRight().setEnabled(false);  
  
 *// Menghilankan deskripsi pada Chart* mBarChart.getDescription().setEnabled(false);  
  
 *// Set data ke Chart  
 // Tambahkan invalidate setiap kali mengubah data chart* mBarChart.setData(barData);  
 mBarChart.getBarData().setBarWidth(barWidth);  
 mBarChart.getXAxis().setAxisMinimum(0);  
 mBarChart.getXAxis().setAxisMaximum(0 + mBarChart.getBarData().getGroupWidth(groupSpace, barSpace) \* 1);  
 mBarChart.groupBars(0, groupSpace, barSpace);  
 mBarChart.setDragEnabled(true);  
 mBarChart.invalidate();  
  
  
  
 }  
  
 @Override  
 public void onFailure(Call<rAnalyticIncome> call, Throwable t) {  
  
 }  
 });  
  
  
  
  
  
 }  
  
 public void showAnalyticIncome(Integer idBranch, String namaBranch){  
 analyticIncomeBranch =new ArrayList<>();  
 BarChart chartBranch;  
 View dialogView;  
  
 LayoutInflater inflater;  
 AlertDialog.Builder dialog;  
 TextView tvNama;  
 dialog= new AlertDialog.Builder(AnalyticIncomeActivity.this);  
 inflater = getLayoutInflater();  
 dialogView = inflater.inflate(R.layout.form\_analytic\_income\_branch, null);  
 dialog.setView(dialogView);  
 dialog.setCancelable(true);  
 dialog.setTitle("Detail Income");  
 tvNama=dialogView.findViewById(R.id.tv\_nama\_branch);  
 chartBranch=dialogView.findViewById(R.id.bar\_chart);  
 tvNama.setText(namaBranch);  
 float groupSpace = 0.08f;  
 float barSpace = 0.02f;  
 float barWidth = 0.45f;  
  
 List<BarEntry> entries1 = new ArrayList<BarEntry>();  
 List<BarEntry> entries2 = new ArrayList<BarEntry>();  
 List<BarEntry> entries3 = new ArrayList<BarEntry>();  
 List<BarEntry> entries4 = new ArrayList<BarEntry>();  
 List<BarEntry> entries5 = new ArrayList<BarEntry>();  
 List<BarEntry> entries6 = new ArrayList<BarEntry>();  
 List<BarEntry> entries7 = new ArrayList<BarEntry>();  
 List<BarEntry> entries8 = new ArrayList<BarEntry>();  
 List<BarEntry> entries9 = new ArrayList<BarEntry>();  
 List<BarEntry> entries10 = new ArrayList<BarEntry>();  
 List<BarEntry> entries11 = new ArrayList<BarEntry>();  
 List<BarEntry> entries12 = new ArrayList<BarEntry>();  
  
  
  
 APIRequestData apiRequestData=RetroServer.konekRetrofit().create(APIRequestData.class);  
 Call<rAnalyticIncomeBranch> rAnalyticIncomeBranchCall=apiRequestData.analyticIncomeBranch(idBranch);  
 rAnalyticIncomeBranchCall.enqueue(new Callback<rAnalyticIncomeBranch>() {  
 @Override  
 public void onResponse(Call<rAnalyticIncomeBranch> call, Response<rAnalyticIncomeBranch> response) {  
 analyticIncomeBranch=response.body().getData();  
  
 entries1.add(new BarEntry(analyticIncomeBranch.get(0).getBulan(), analyticIncomeBranch.get(0).getIncome()));  
 BarDataSet dataSet1 = new BarDataSet(entries1, String.valueOf(analyticIncomeBranch.get(0).getBulan()));  
 dataSet1.setColor(Color.RED);  
  
 entries2.add(new BarEntry(analyticIncomeBranch.get(1).getBulan(), analyticIncomeBranch.get(1).getIncome()));  
 BarDataSet dataSet2 = new BarDataSet(entries2, String.valueOf(analyticIncomeBranch.get(1).getBulan()));  
 dataSet2.setColor(Color.BLUE);  
  
 entries3.add(new BarEntry(analyticIncomeBranch.get(2).getBulan(), analyticIncomeBranch.get(2).getIncome()));  
 BarDataSet dataSet3 = new BarDataSet(entries3, String.valueOf(analyticIncomeBranch.get(2).getBulan()));  
 dataSet3.setColor(Color.GREEN);  
  
 entries4.add(new BarEntry(analyticIncomeBranch.get(3).getBulan(), analyticIncomeBranch.get(3).getIncome()));  
 BarDataSet dataSet4 = new BarDataSet(entries4, String.valueOf(analyticIncomeBranch.get(3).getBulan()));  
 dataSet4.setColor(Color.YELLOW);  
  
 entries5.add(new BarEntry(analyticIncomeBranch.get(4).getBulan(), analyticIncomeBranch.get(4).getIncome()));  
 BarDataSet dataSet5 = new BarDataSet(entries5, String.valueOf(analyticIncomeBranch.get(4).getBulan()));  
 dataSet5.setColor(Color.MAGENTA);  
  
 entries6.add(new BarEntry(analyticIncomeBranch.get(5).getBulan(), analyticIncomeBranch.get(5).getIncome()));  
 BarDataSet dataSet6 = new BarDataSet(entries6, String.valueOf(analyticIncomeBranch.get(5).getBulan()));  
 dataSet6.setColor(Color.GRAY);  
  
 entries7.add(new BarEntry(analyticIncomeBranch.get(6).getBulan(), analyticIncomeBranch.get(6).getIncome()));  
 BarDataSet dataSet7 = new BarDataSet(entries7, String.valueOf(analyticIncomeBranch.get(6).getBulan()));  
 dataSet7.setColor(Color.BLACK);  
  
 entries8.add(new BarEntry(analyticIncomeBranch.get(7).getBulan(), analyticIncomeBranch.get(7).getIncome()));  
 BarDataSet dataSet8 = new BarDataSet(entries8, String.valueOf(analyticIncomeBranch.get(7).getBulan()));  
 dataSet8.setColor(Color.RED);  
  
 entries9.add(new BarEntry(analyticIncomeBranch.get(8).getBulan(), analyticIncomeBranch.get(8).getIncome()));  
 BarDataSet dataSet9 = new BarDataSet(entries9, String.valueOf(analyticIncomeBranch.get(8).getBulan()));  
 dataSet9.setColor(Color.BLUE);  
  
 entries10.add(new BarEntry(analyticIncomeBranch.get(9).getBulan(), analyticIncomeBranch.get(9).getIncome()));  
 BarDataSet dataSet10 = new BarDataSet(entries10, String.valueOf(analyticIncomeBranch.get(9).getBulan()));  
 dataSet10.setColor(Color.GREEN);  
  
 entries11.add(new BarEntry(analyticIncomeBranch.get(10).getBulan(), analyticIncomeBranch.get(10).getIncome()));  
 BarDataSet dataSet11 = new BarDataSet(entries11, String.valueOf(analyticIncomeBranch.get(10).getBulan()));  
 dataSet11.setColor(Color.red(2));  
  
 entries12.add(new BarEntry(analyticIncomeBranch.get(11).getBulan(), analyticIncomeBranch.get(11).getIncome()));  
 BarDataSet dataSet12 = new BarDataSet(entries12, String.valueOf(analyticIncomeBranch.get(11).getBulan()));  
 dataSet12.setColor(Color.MAGENTA);  
  
 BarData barData = new BarData(dataSet1, dataSet2,dataSet3,dataSet4,dataSet5,dataSet6,dataSet7,dataSet8,dataSet9,dataSet10,dataSet11,dataSet12);  
  
 *// Pengaturan sumbu X* XAxis xAxis = chartBranch.getXAxis();  
 xAxis.setPosition(XAxis.XAxisPosition.BOTTOM.BOTTOM);  
 xAxis.setCenterAxisLabels(true);  
  
 *// Agar ketika di zoom tidak menjadi pecahan* xAxis.setGranularity(1f);  
  
 *// Diubah menjadi integer, kemudian dijadikan String  
 // Ini berfungsi untuk menghilankan koma, dan tanda ribuah pada tahun* xAxis.setValueFormatter(new DefaultAxisValueFormatter(1));  
  
 *//Menghilangkan sumbu Y yang ada di sebelah kanan* chartBranch.getAxisRight().setEnabled(false);  
  
 *// Menghilankan deskripsi pada Chart* chartBranch.getDescription().setEnabled(false);  
  
 *// Set data ke Chart  
 // Tambahkan invalidate setiap kali mengubah data chart* chartBranch.setData(barData);  
 chartBranch.getBarData().setBarWidth(barWidth);  
 chartBranch.getXAxis().setAxisMinimum(1);  
 chartBranch.getXAxis().setAxisMaximum(1 + mBarChart.getBarData().getGroupWidth(groupSpace, barSpace) \* 2.4f);  
 chartBranch.groupBars(1, groupSpace, barSpace);  
 chartBranch.setDragEnabled(true);  
 chartBranch.invalidate();  
  
 }  
  
 @Override  
 public void onFailure(Call<rAnalyticIncomeBranch> call, Throwable t) {  
  
 }  
 });  
  
 dialog.show();  
 dialog.setOnDismissListener(new DialogInterface.OnDismissListener() {  
 @Override  
 public void onDismiss(DialogInterface dialogInterface) {  
 ;  
 }  
 });  
 }  
 public void onBackPressed() {  
 Intent intent=new Intent(AnalyticIncomeActivity.this, HomeActivity.class);  
 startActivity(intent);  
 overridePendingTransition(R.anim.push\_up\_in, R.anim.push\_up\_out);  
 finish();  
  
 }  
  
  
}

1. src\main\java\com\sonisuciadi\rais\AnalyticStokActivity.java

package com.sonisuciadi.rais;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.content.Intent;  
import android.graphics.Color;  
import android.net.Uri;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.TextView;  
import android.widget.Toast;  
  
import com.github.mikephil.charting.charts.LineChart;  
import com.github.mikephil.charting.components.Legend;  
import com.github.mikephil.charting.components.XAxis;  
import com.github.mikephil.charting.data.Entry;  
import com.github.mikephil.charting.data.LineData;  
import com.github.mikephil.charting.data.LineDataSet;  
import com.sonisuciadi.rais.API.APIRequestData;  
import com.sonisuciadi.rais.API.RetroServer;  
import com.sonisuciadi.rais.Model.mAnalyticStok;  
import com.sonisuciadi.rais.Model.mBarang;  
import com.sonisuciadi.rais.Response.rAnalyticStok;  
import com.sonisuciadi.rais.Response.rBarang;  
import com.sonisuciadi.rais.Response.rBranch;  
  
import java.text.DateFormatSymbols;  
import java.util.ArrayList;  
import java.util.Calendar;  
import java.util.List;  
  
import jrizani.jrspinner.JRSpinner;  
import retrofit2.Call;  
import retrofit2.Callback;  
import retrofit2.Response;  
  
public class AnalyticStokActivity extends AppCompatActivity {  
 JRSpinner sBarang;  
 List<mAnalyticStok> mAnalyticStoks = new ArrayList<>();  
 TextView tvTanggal, tvHitung, tvEstimasi, tvNamaSupier, tvNohpn, tvstok;  
 List<mBarang> mBarangs = new ArrayList<>();  
 Button btnPesan;  
 int stok = 0;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_analytic\_stok*);  
 sBarang = findViewById(R.id.*sBarang*);  
 tvTanggal = findViewById(R.id.*tv\_tanggal*);  
 tvHitung = findViewById(R.id.*tv\_hitungan*);  
 tvEstimasi = findViewById(R.id.*tv\_estimasi*);  
 tvNamaSupier = findViewById(R.id.*tv\_nama\_suplier*);  
 tvstok = findViewById(R.id.*tv\_stokbarang*);  
 tvNohpn = findViewById(R.id.*tv\_nohp*);  
 btnPesan = findViewById(R.id.*btn\_pesan*);  
 btnPesan.setEnabled(false);  
 setSpinner();  
 sBarang.setOnItemClickListener(new JRSpinner.OnItemClickListener() {  
 @Override  
 public void onItemClick(int position) {  
 setLineChart(Integer.*valueOf*(mBarangs.get(position).getId()));  
 stok = mBarangs.get(position).getStok();  
 tvstok.setText("Stok Gudang : " + String.*valueOf*(mBarangs.get(position).getStok()));  
 btnPesan.setEnabled(true);  
*// Toast.makeText(AnalyticStokActivity.this, String.valueOf(mBarangs.get(position).getId()), Toast.LENGTH\_SHORT).show();* }  
 });  
  
 TextView btnBack = findViewById(R.id.*btn\_back\_astok*);  
 btnBack.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 Intent intent = new Intent(AnalyticStokActivity.this, HomeActivity.class);  
 startActivity(intent);  
 overridePendingTransition(R.anim.*push\_up\_in*, R.anim.*push\_up\_out*);  
 finish();  
  
 }  
 });  
 }  
  
 public void setSpinner() {  
 mBarangs = new ArrayList<>();  
 sBarang.setTitle("Barang");  
 sBarang.setExpandTint(R.color.*primaryColor*);  
 APIRequestData apiRequestData = RetroServer.*konekRetrofit*().create(APIRequestData.class);  
 Call<rBarang> rBarangCall = apiRequestData.getAllBarang(77123321);  
 rBarangCall.enqueue(new Callback<rBarang>() {  
 @Override  
 public void onResponse(Call<rBarang> call, Response<rBarang> response) {  
 mBarangs = response.body().getData();  
 String[] barang = new String[mBarangs.size()];  
 for (int i = 0; i < mBarangs.size(); i++) {  
 barang[i] = mBarangs.get(i).getId() + " - " + mBarangs.get(i).getNama();  
 }  
 sBarang.setItems(barang);  
 }  
  
 @Override  
 public void onFailure(Call<rBarang> call, Throwable t) {  
  
 }  
 });  
  
 }  
  
 public void setLineChart(int kdBarang) {mAnalyticStoks = new ArrayList<>();  
 APIRequestData apiRequestData = RetroServer.*konekRetrofit*().create(APIRequestData.class);  
 Call<rAnalyticStok> rAnalyticStokCall = apiRequestData.analyticStok(kdBarang);  
 rAnalyticStokCall.enqueue(new Callback<rAnalyticStok>() {  
 @Override  
 public void onResponse(Call<rAnalyticStok> call, Response<rAnalyticStok> response) {  
 mAnalyticStoks = response.body().getData();  
 Toast.*makeText*(AnalyticStokActivity.this, String.*valueOf*(mAnalyticStoks.get(0).getNama\_suplier()), Toast.*LENGTH\_SHORT*).show();  
 List duaTahunLalu = new ArrayList<Entry>();  
 for (int i = 0; i < 12; i++) {  
 duaTahunLalu.add(new Entry(i + 1F, Float.*valueOf*(mAnalyticStoks.get(i).getKeluar())));  
 }  
 List tahunLalu = new ArrayList<Entry>();  
 for (int i = 12; i < 24; i++) {  
 tahunLalu.add(new Entry(i - 12 + 1F, Float.*valueOf*(mAnalyticStoks.get(i).getKeluar())));  
 }  
 List tahunIni = new ArrayList<Entry>();  
 for (int i = 24; i < 36; i++) {  
 tahunIni.add(new Entry(i - 24 + 1F, Float.*valueOf*(mAnalyticStoks.get(i).getKeluar())));  
 }  
  
  
 int year = Calendar.*getInstance*().get(Calendar.*YEAR*);  
 LineDataSet duaTahunLineDataSet = new LineDataSet(duaTahunLalu, String.*valueOf*(year));  
 duaTahunLineDataSet.setMode(LineDataSet.Mode.*CUBIC\_BEZIER*);  
 duaTahunLineDataSet.setColor(Color.*BLUE*);  
 duaTahunLineDataSet.setCircleRadius(5f);  
 duaTahunLineDataSet.setCircleColor(Color.*BLUE*);  
  
 LineDataSet tahunLaluLineDataSet = new LineDataSet(tahunLalu, String.*valueOf*(year - 1));  
 tahunLaluLineDataSet.setMode(LineDataSet.Mode.*CUBIC\_BEZIER*);  
 tahunLaluLineDataSet.setColor(Color.*GREEN*);  
 tahunLaluLineDataSet.setCircleRadius(5f);  
 tahunLaluLineDataSet.setCircleColor(Color.*GREEN*);  
  
 LineDataSet tahunIniLineDataSet = new LineDataSet(tahunIni, String.*valueOf*(year - 2));  
 tahunIniLineDataSet.setMode(LineDataSet.Mode.*CUBIC\_BEZIER*);  
 tahunIniLineDataSet.setColor(Color.*RED*);  
 tahunIniLineDataSet.setCircleRadius(5f);  
 tahunIniLineDataSet.setCircleColor(Color.*RED*);  
  
 LineChart lineChart = findViewById(R.id.*lineChart*);  
*//Setup Legend* Legend legend = lineChart.getLegend();  
 legend.setEnabled(true);  
 legend.setVerticalAlignment(Legend.LegendVerticalAlignment.*TOP*);  
 legend.setHorizontalAlignment(Legend.LegendHorizontalAlignment.*CENTER*);  
 legend.setOrientation(Legend.LegendOrientation.*HORIZONTAL*);  
 legend.setDrawInside(false);  
  
 lineChart.getDescription().isEnabled();  
 lineChart.setData(new LineData(duaTahunLineDataSet, tahunLaluLineDataSet, tahunIniLineDataSet));  
 lineChart.animateXY(100, 500);  
  
 mAnalyticStok sellthnlalu = mAnalyticStoks.get(Calendar.*getInstance*().get(Calendar.*MONTH*) + 13);  
 mAnalyticStok sellduathnlalu = mAnalyticStoks.get((Calendar.*getInstance*().get(Calendar.*MONTH*) + 13) \* 2 - 1);  
*//* String hitungan = "( " + String.*valueOf*(sellthnlalu.getKeluar()) + " + " + String.*valueOf*(sellduathnlalu.getKeluar()) + ") /2";  
 Integer hsl = (sellthnlalu.getKeluar() + sellduathnlalu.getKeluar()) / 2;  
 tvTanggal.setText(getMonth(Calendar.*getInstance*().get(Calendar.*MONTH*) + 2));  
 tvHitung.setText(String.*valueOf*(hitungan));  
  
 tvEstimasi.setText("= " + String.*valueOf*(hsl));  
  
 tvNamaSupier.setText(mAnalyticStoks.get(0).getNama\_suplier());  
 tvNohpn.setText(mAnalyticStoks.get(0).getPonsel());  
 btnPesan.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 String url = "https://api.whatsapp.com/send?phone=08117858100&text=Saya Mau Memesan " + mAnalyticStoks.get(0).getNama().toString();  
 Intent intent = new Intent(Intent.*ACTION\_VIEW*, Uri.*parse*(url));  
 startActivity(intent);  
 }  
 });  
 }  
  
 @Override  
 public void onFailure(Call<rAnalyticStok> call, Throwable t) {  
  
 }  
 });  
 }  
  
 public String getMonth(int month) {  
 return new DateFormatSymbols().getMonths()[month - 1] + " " + Calendar.*getInstance*().get(Calendar.*YEAR*);  
 }  
  
 public void setAnalytic() {  
  
 }  
  
 public void onBackPressed() {  
 Intent intent = new Intent(AnalyticStokActivity.this, HomeActivity.class);  
 startActivity(intent);  
 overridePendingTransition(R.anim.*push\_up\_in*, R.anim.*push\_up\_out*);  
 finish();  
  
 }  
}

1. src\main\java\com\sonisuciadi\rais\HomeActivity.java

package com.sonisuciadi.rais;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.content.Intent;  
import android.database.Cursor;  
import android.os.Bundle;  
import android.os.Handler;  
import android.view.View;  
import android.widget.Button;  
import android.widget.TextView;  
import android.widget.Toast;  
  
import com.sonisuciadi.rais.API.APIRequestData;  
import com.sonisuciadi.rais.API.RetroServer;  
import com.sonisuciadi.rais.DataBaseHelper.UsersDataBaseHelper;  
import com.sonisuciadi.rais.Model.mUsers;  
  
import java.util.ArrayList;  
import java.util.List;  
  
import retrofit2.Call;  
import retrofit2.Callback;  
import retrofit2.Response;  
  
public class HomeActivity extends AppCompatActivity {  
 Button btnMonitoring, btnAnalytic, btnAccount;  
 TextView tvNama, tvUserID, tvWellcome;  
 List<mUsers> user = new ArrayList<>();  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_home*);  
  
 tvNama = findViewById(R.id.*tv\_namauser*);  
 tvUserID = findViewById(R.id.*tv\_iduser*);  
 tvWellcome = findViewById(R.id.*tv\_wellcome*);  
 tvWellcome.setText("Selamat Datang");  
 setUserIdentity();  
 btnMonitoring = findViewById(R.id.*btn\_monitoring*);  
 btnMonitoring.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 Intent intent = new Intent(HomeActivity.this, SubMenu.class);  
 intent.putExtra("Menu", "Monitoring");  
 intent.putExtra("userid", tvUserID.getText().toString());  
 intent.putExtra("nama", user.get(0).getNama());  
 startActivity(intent);  
 finish();  
 }  
 });  
 btnAnalytic = findViewById(R.id.*btn\_analytic*);  
 btnAnalytic.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 Intent intent = new Intent(HomeActivity.this, SubMenu.class);  
 intent.putExtra("Menu", "Analytic");  
 intent.putExtra("userid", tvUserID.getText().toString());  
 intent.putExtra("nama", user.get(0).getNama());  
 startActivity(intent);  
 finish();  
 }  
 });  
 btnAccount = findViewById(R.id.*btn\_account*);  
 btnAccount.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 startActivity(new Intent(HomeActivity.this, AccountActivity.class));  
 }  
 });  
 }  
  
 boolean doubleBackToExitPressedOnce = false;  
  
 @Override  
 public void onBackPressed() {  
 if (doubleBackToExitPressedOnce) {  
 super.onBackPressed();  
 System.*exit*(0);  
 return;  
 }  
  
 this.doubleBackToExitPressedOnce = true;  
 Toast.makeText(this, "Please click BACK again to exit", Toast.LENGTH\_SHORT).show();  
  
 new Handler().postDelayed(new Runnable() {  
  
 @Override  
 public void run() {  
 doubleBackToExitPressedOnce = false;  
 }  
 }, 2000);  
 }  
  
 public void setUserIdentity() {  
 UsersDataBaseHelper usersDataBaseHelper = new UsersDataBaseHelper(HomeActivity.this);  
 Cursor userIdentity = usersDataBaseHelper.getUser();  
 mUsers muser = new mUsers();  
  
 while (userIdentity.moveToNext()) {  
 muser = new mUsers();  
 muser.setId(userIdentity.getInt(0));  
 muser.setNama(userIdentity.getString(1));  
 muser.setAlamat(userIdentity.getString(2));  
 muser.setPonsel(userIdentity.getString(3));  
 muser.setWorkplaces(userIdentity.getInt(4));  
 muser.setJabatan(userIdentity.getString(5));  
 muser.setPassword(userIdentity.getString(6));  
 muser.setUser\_update(userIdentity.getInt(7));  
 muser.setUpdate\_at(userIdentity.getString(8));  
 muser.setNama\_cabang(userIdentity.getString(9));  
 user.add(muser);  
 }  
 tvNama.setText(user.get(0).getNama());  
 tvUserID.setText(user.get(0).getId().toString());  
 }  
  
}

1. src\main\java\com\sonisuciadi\rais\LoginActivity.java

package com.sonisuciadi.rais;  
  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.core.app.ActivityCompat;  
import androidx.core.content.ContextCompat;  
  
import android.Manifest;  
import android.content.Intent;  
import android.content.pm.PackageManager;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
import android.widget.Toast;  
  
import com.sonisuciadi.rais.API.APIRequestData;  
import com.sonisuciadi.rais.API.RetroServer;  
import com.sonisuciadi.rais.DataBaseHelper.UsersDataBaseHelper;  
import com.sonisuciadi.rais.Model.mUsers;  
import com.sonisuciadi.rais.Response.rUser;  
  
import java.util.List;  
  
import retrofit2.Call;  
import retrofit2.Callback;  
import retrofit2.Response;  
  
public class LoginActivity extends AppCompatActivity {  
 Button btnLogin, btnReset;  
 EditText etUsername, etPassword;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_login*);  
 if (ContextCompat.*checkSelfPermission*(LoginActivity.this, Manifest.permission.*ACCESS\_NETWORK\_STATE*) !=  
 PackageManager.*PERMISSION\_GRANTED*) {  
 ActivityCompat.*requestPermissions*(this, new String[]{Manifest.permission.*ACCESS\_NETWORK\_STATE*},  
 50);  
 }  
 if (ContextCompat.*checkSelfPermission*(LoginActivity.this, Manifest.permission.*INTERNET*) !=  
 PackageManager.*PERMISSION\_GRANTED*) {  
 ActivityCompat.*requestPermissions*(this, new String[]{Manifest.permission.*INTERNET*},  
 50);  
 }  
 btnLogin = findViewById(R.id.*btn\_login*);  
 btnReset = findViewById(R.id.*btn\_reset*);  
 etUsername = findViewById(R.id.*et\_username*);  
 etPassword = findViewById(R.id.*et\_password*);  
 btnReset.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 etUsername.setText("");  
 etPassword.setText("");  
 }  
 });  
 btnLogin.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 APIRequestData apiRequestData = RetroServer.*konekRetrofit*().create(APIRequestData.class);  
 Call<rUser> login = apiRequestData.login(etUsername.getText().toString(), etPassword.getText().toString());  
 login.enqueue(new Callback<rUser>() {  
 @Override  
 public void onResponse(Call<rUser> call, Response<rUser> response) {  
 if (response.body().getKode() == 1) {  
 List<mUsers> user = response.body().getData();  
 if (user.get(0).getJabatan().equals("Pemilik")) {  
 Toast.*makeText*(LoginActivity.this, "Berhasil", Toast.*LENGTH\_SHORT*).show();  
 Intent intent = new Intent(LoginActivity.this, HomeActivity.class);  
 UsersDataBaseHelper usersDataBaseHelper = new UsersDataBaseHelper(LoginActivity.this);  
 long val = usersDataBaseHelper.insertUser(user);  
 startActivity(intent);  
 } else {  
 Toast.*makeText*(LoginActivity.this, "Maaf Anda Tidak Memiliki Hak Akses", Toast.*LENGTH\_SHORT*).show();  
 }  
 } else {  
 Toast.*makeText*(LoginActivity.this, "Gagal", Toast.*LENGTH\_SHORT*).show();  
 }  
 }  
  
 @Override  
 public void onFailure(Call<rUser> call, Throwable t) {  
 Toast.*makeText*(LoginActivity.this, t.toString(), Toast.*LENGTH\_SHORT*).show();  
 }  
 });  
 }  
 });  
  
 }  
}

1. src\main\java\com\sonisuciadi\rais\MainActivity.java

package com.sonisuciadi.rais;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.content.Intent;  
import android.database.Cursor;  
import android.os.Bundle;  
import android.os.Handler;  
  
import com.sonisuciadi.rais.DataBaseHelper.UsersDataBaseHelper;  
  
public class MainActivity extends AppCompatActivity {  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 UsersDataBaseHelper usersDataBaseHelper = new UsersDataBaseHelper(MainActivity.this);  
 new Handler().postDelayed(new Runnable() {  
 @Override  
 public void run() {  
 Cursor user = usersDataBaseHelper.getUser();  
 if (user.getCount() == 0) {  
 Intent login = new Intent(MainActivity.this, LoginActivity.class);  
 startActivity(login);  
 overridePendingTransition(R.anim.*push\_up\_in*, R.anim.*push\_up\_out*);  
 } else {  
 Intent login = new Intent(MainActivity.this, HomeActivity.class);  
 startActivity(login);  
 overridePendingTransition(R.anim.*push\_up\_in*, R.anim.*push\_up\_out*);  
 }  
  
  
 finish();  
  
 }  
 }, 1500);  
 }  
}

1. src\main\java\com\sonisuciadi\rais\MonitoringIncomeActivity.java

package com.sonisuciadi.rais;  
  
import androidx.appcompat.app.AlertDialog;  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.recyclerview.widget.LinearLayoutManager;  
import androidx.recyclerview.widget.RecyclerView;  
  
import android.content.DialogInterface;  
import android.content.Intent;  
import android.os.Bundle;  
import android.view.LayoutInflater;  
import android.view.View;  
import android.widget.TextView;  
import android.widget.Toast;  
  
import com.sonisuciadi.rais.API.APIRequestData;  
import com.sonisuciadi.rais.API.RetroServer;  
import com.sonisuciadi.rais.Adapter.DetailIncomeAdapter;  
import com.sonisuciadi.rais.Adapter.MonitoringIncomeAdapter;  
import com.sonisuciadi.rais.Model.mBranch;  
import com.sonisuciadi.rais.Model.mDetailIncome;  
import com.sonisuciadi.rais.Model.mMonitoringIncome;  
import com.sonisuciadi.rais.Response.rBranch;  
import com.sonisuciadi.rais.Response.rDetailIncome;  
import com.sonisuciadi.rais.Response.rMonitoringIncome;  
  
import java.text.NumberFormat;  
import java.text.SimpleDateFormat;  
import java.util.ArrayList;  
import java.util.Calendar;  
import java.util.Date;  
import java.util.List;  
import java.util.Locale;  
  
import jrizani.jrspinner.JRSpinner;  
import retrofit2.Call;  
import retrofit2.Callback;  
import retrofit2.Response;  
  
public class MonitoringIncomeActivity extends AppCompatActivity {  
 RecyclerView rvMonitoringIncome;  
 JRSpinner sBranch,sFrekuensi;  
 TextView tvIncome;  
 List<mBranch> mBranchList=new ArrayList<>();  
 List<mMonitoringIncome> mdata;  
 MonitoringIncomeAdapter monitoringIncomeAdapter;  
 String kdBranch,awal,akhir;  
 List<mDetailIncome> mdatadetailincome;  
 DetailIncomeAdapter detailIncomeAdapter;  
 String[] frekuensi=new String[4];  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.activity\_monitoring\_income);  
 TextView btnBack=findViewById(R.id.btn\_back\_mincome);  
 frekuensi[0]="Harian";  
 frekuensi[1]="Mingguan";  
 frekuensi[2]="Bulanan";  
 frekuensi[3]="Tahunan";  
 kdBranch="";  
 Date date = new Date();  
 SimpleDateFormat simpleDateFormat = new SimpleDateFormat("yyyy-MM-dd");  
 String timeStamp=simpleDateFormat.format(date);  
 setRvMonitoringIncome(timeStamp,timeStamp);  
 tvIncome = findViewById(R.id.tv\_total);  
 sBranch = findViewById(R.id.sbranch);  
 sBranch.setOnItemClickListener(new JRSpinner.OnItemClickListener() {  
 @Override  
 public void onItemClick(int position) {  
 kdBranch=String.valueOf(mBranchList.get(position).getId());  
*// Toast.makeText(MonitoringIncomeActivity.this, kdBranch, Toast.LENGTH\_SHORT).show();* setRvMonitoringIncome(timeStamp,timeStamp);  
  
 }  
 });  
 sFrekuensi=findViewById(R.id.sfrekuensi);  
 sFrekuensi.setOnItemClickListener(new JRSpinner.OnItemClickListener() {  
 @Override  
 public void onItemClick(int position) {  
 Date date = new Date();  
 SimpleDateFormat simpleDateFormat = new SimpleDateFormat("yyyy-MM-dd");  
 String timeStamp=simpleDateFormat.format(date);  
 SimpleDateFormat dateFormat = new SimpleDateFormat("yyyy-MM-dd");  
 String before=null;  
 if (frekuensi[position].equals("Harian")){  
 before=dateFormat.format(date);  
 }else if (frekuensi[position].equals("Mingguan")){  
 Calendar c = Calendar.getInstance();  
 c.setTime(date);  
 c.add(Calendar.DATE, -7);  
 Date currentDatePlusOne = c.getTime();  
 before=dateFormat.format(currentDatePlusOne);  
 } else if (frekuensi[position].equals("Bulanan")){  
 Calendar c = Calendar.getInstance();  
 c.setTime(date);  
 c.add(Calendar.MONTH, -1);  
 Date currentDatePlusOne = c.getTime();  
 before=dateFormat.format(currentDatePlusOne);  
 }else if (frekuensi[position].equals("Tahunan")){  
 Calendar c = Calendar.getInstance();  
 c.setTime(date);  
 c.add(Calendar.YEAR, -1);  
 Date currentDatePlusOne = c.getTime();  
 before=dateFormat.format(currentDatePlusOne);  
 }  
 Toast.makeText(MonitoringIncomeActivity.this, before, Toast.LENGTH\_SHORT).show();  
 setRvMonitoringIncome(timeStamp,before);  
  
 }  
 });  
 setSpinner();  
 btnBack.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 Intent intent=new Intent(MonitoringIncomeActivity.this, HomeActivity.class);  
 startActivity(intent);  
 overridePendingTransition(R.anim.push\_up\_in, R.anim.push\_up\_out);  
 finish();  
 }  
 });  
 }  
 public void onBackPressed() {  
 Intent intent=new Intent(MonitoringIncomeActivity.this, HomeActivity.class);  
 startActivity(intent);  
 overridePendingTransition(R.anim.push\_up\_in, R.anim.push\_up\_out);  
 finish();  
  
 }  
 public void setRvMonitoringIncome(String awal, String akhir){  
 mdata=new ArrayList<>();  
 Toast.makeText(this, kdBranch, Toast.LENGTH\_SHORT).show();  
 rvMonitoringIncome=findViewById(R.id.rv\_monitoring\_income);  
 APIRequestData apiRequestData= RetroServer.konekRetrofit().create(APIRequestData.class);  
 Date date = new Date();  
 SimpleDateFormat simpleDateFormat = new SimpleDateFormat("yyyy-MM-dd");  
 String timeStamp=simpleDateFormat.format(date);  
 Call<rMonitoringIncome> mMonitoringIncomeCall=apiRequestData.getAllIncome(akhir,timeStamp, kdBranch );  
 mMonitoringIncomeCall.enqueue(new Callback<rMonitoringIncome>() {  
 @Override  
 public void onResponse(Call<rMonitoringIncome> call, Response<rMonitoringIncome> response) {  
 mdata=response.body().getData();  
 Toast.makeText(MonitoringIncomeActivity.this, response.body().getPesan(), Toast.LENGTH\_SHORT).show();  
 final LinearLayoutManager layoutManager = new LinearLayoutManager(MonitoringIncomeActivity.this);  
 layoutManager.setOrientation(LinearLayoutManager.VERTICAL);  
 rvMonitoringIncome.setLayoutManager(layoutManager);  
 monitoringIncomeAdapter=new MonitoringIncomeAdapter(mdata, MonitoringIncomeActivity.this, new MonitoringIncomeAdapter.onItemClickListener() {  
 @Override  
 public void onItemClick(mMonitoringIncome item, int position) {  
*// Toast.makeText(MonitoringIncomeActivity.this, monitoringIncomeAdapter.getKeuntungan(), Toast.LENGTH\_SHORT).show();* showDetailIncome(item.getId(),item.getTanggal\_seles(),item.getKeuntungan(),item.getStatus(),item.getNama\_cabang());  
  
 }  
 });  
 tvIncome.setText(monitoringIncomeAdapter.getKeuntungan());  
 rvMonitoringIncome.setAdapter(monitoringIncomeAdapter);  
 monitoringIncomeAdapter.notifyDataSetChanged();  
  
 }  
  
 @Override  
 public void onFailure(Call<rMonitoringIncome> call, Throwable t) {  
 Toast.makeText(MonitoringIncomeActivity.this, t.toString(), Toast.LENGTH\_SHORT).show();  
 }  
 });  
 }  
 public void setSpinner() {  
 sFrekuensi.setItems(getResources().getStringArray(R.array.frekuensi\_array));  
 sBranch.setTitle("Branch");  
 sBranch.setExpandTint(R.color.primaryColor);  
 APIRequestData apiRequestData= RetroServer.konekRetrofit().create(APIRequestData.class);  
 Call<rBranch> rBranchCall=apiRequestData.getAllBranch();  
 rBranchCall.enqueue(new Callback<rBranch>() {  
 @Override  
 public void onResponse(Call<rBranch> call, Response<rBranch> response) {  
 mBranchList=response.body().getData();  
 String[]branch = new String[mBranchList.size()];  
 for (int i = 0; i < mBranchList.size(); i++) {  
 branch[i]=mBranchList.get(i).getId() +" - "+mBranchList.get(i).getNama\_cabang();  
*// Toast.makeText(this, branch[i], Toast.LENGTH\_SHORT).show();  
// branch[i]="ssss";* }  
 sBranch.setItems(branch);  
*// Toast.makeText(MonitoringStokActivity.this, response.body().getPesan(), Toast.LENGTH\_SHORT).show();* }  
  
 @Override  
 public void onFailure(Call<rBranch> call, Throwable t) {  
 Toast.makeText(MonitoringIncomeActivity.this, t.toString(), Toast.LENGTH\_SHORT).show();  
 }  
 });  
 }  
 public void showDetailIncome(Integer idPesanan, String tanggalPesanan, Integer total, String status,String namaCabang){  
 mdatadetailincome=new ArrayList<>();  
 View dialogView;  
 RecyclerView rvitemorder;  
 LayoutInflater inflater;  
 AlertDialog.Builder dialog;  
 TextView tvIdForm,tvTanggalForm, tvTotalForm, tvStatusForm,tvNamaCabang;  
 dialog= new AlertDialog.Builder(MonitoringIncomeActivity.this);  
 inflater = getLayoutInflater();  
 dialogView = inflater.inflate(R.layout.form\_detail\_income, null);  
 dialog.setView(dialogView);  
 dialog.setCancelable(true);  
 dialog.setTitle("Detail Income");  
 rvitemorder=dialogView.findViewById(R.id.rv\_detail\_order);  
 tvIdForm=dialogView.findViewById(R.id.id\_pesanan\_form);  
 tvTanggalForm=dialogView.findViewById(R.id.tanggal\_pesanan\_form);  
 tvTotalForm=dialogView.findViewById(R.id.total\_form);  
 tvStatusForm=dialogView.findViewById(R.id.status\_pesanan\_form);  
 tvNamaCabang=dialogView.findViewById(R.id.nama\_cabang);  
 tvIdForm.setText(String.valueOf(idPesanan));  
 tvTanggalForm.setText(tanggalPesanan);  
 tvTotalForm.setText(String.valueOf(formatRupiah(Double.valueOf(total))));  
 tvStatusForm.setText(status);  
 tvNamaCabang.setText(namaCabang);  
  
  
 APIRequestData apiRequestData=RetroServer.konekRetrofit().create(APIRequestData.class);  
 Call<rDetailIncome> mDetailsIncomeCall= apiRequestData.getDetailIncome(idPesanan.toString());  
 mDetailsIncomeCall.enqueue(new Callback<rDetailIncome>() {  
 @Override  
 public void onResponse(Call<rDetailIncome> call, Response<rDetailIncome> response) {  
 mdatadetailincome=response.body().getData();  
 DetailIncomeAdapter detailIncomeAdapter=new DetailIncomeAdapter(dialogView.getContext(),mdatadetailincome);  
 final LinearLayoutManager layoutManager = new LinearLayoutManager(dialogView.getContext());  
 layoutManager.setOrientation(LinearLayoutManager.VERTICAL);  
 rvitemorder.setLayoutManager(layoutManager);  
 rvitemorder.setAdapter(detailIncomeAdapter);  
 detailIncomeAdapter.notifyDataSetChanged();  
 }  
  
 @Override  
 public void onFailure(Call<rDetailIncome> call, Throwable t) {  
  
 }  
 });  
  
 dialog.show();  
 dialog.setOnDismissListener(new DialogInterface.OnDismissListener() {  
 @Override  
 public void onDismiss(DialogInterface dialogInterface) {  
 ;  
 }  
 });  
 }  
 private String formatRupiah(Double number){  
 Locale localeID = new Locale("in", "ID");  
 NumberFormat formatRupiah = NumberFormat.getCurrencyInstance(localeID);  
 return formatRupiah.format(number);  
 }  
}

1. src\main\java\com\sonisuciadi\rais\MonitoringStokActivity.java

package com.sonisuciadi.rais;  
  
import androidx.appcompat.app.AlertDialog;  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.recyclerview.widget.LinearLayoutManager;  
import androidx.recyclerview.widget.RecyclerView;  
  
import android.content.Intent;  
import android.graphics.BitmapFactory;  
import android.os.Bundle;  
import android.util.Base64;  
import android.view.LayoutInflater;  
import android.view.View;  
import android.widget.Button;  
import android.widget.ImageView;  
import android.widget.TextView;  
import android.widget.Toast;  
  
import com.sonisuciadi.rais.API.APIRequestData;  
import com.sonisuciadi.rais.API.RetroServer;  
import com.sonisuciadi.rais.Adapter.MonitoringStokAdapter;  
import com.sonisuciadi.rais.Model.mBranch;  
import com.sonisuciadi.rais.Model.mMonitoringBarang;  
import com.sonisuciadi.rais.Response.rBranch;  
import com.sonisuciadi.rais.Response.rMonitoringBarang;  
  
import java.util.ArrayList;  
import java.util.List;  
  
import jrizani.jrspinner.JRSpinner;  
import retrofit2.Call;  
import retrofit2.Callback;  
import retrofit2.Response;  
  
public class MonitoringStokActivity extends AppCompatActivity {  
 JRSpinner sBranch;  
 List<mBranch> mBranchList=new ArrayList<>();  
 List<mMonitoringBarang> mMonitoringBarangs=new ArrayList<>();  
 RecyclerView rvMBarang;  
 MonitoringStokAdapter monitoringStokAdapter;  
 String kdBranch="";  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.activity\_monitoring\_stok);  
 TextView btnBack=findViewById(R.id.btn\_back\_mstok);  
 rvMBarang = findViewById(R.id.rv\_monitoring\_barang);  
 setRvMBarang();  
 sBranch = findViewById(R.id.sbranch);  
 setSpinner();  
 sBranch.setOnItemClickListener(new JRSpinner.OnItemClickListener() {  
 @Override  
 public void onItemClick(int position) {  
 kdBranch=String.valueOf(mBranchList.get(position).getId());  
 setRvMBarang();  
 }  
 });  
 btnBack.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 Intent intent=new Intent(MonitoringStokActivity.this, HomeActivity.class);  
 startActivity(intent);  
 overridePendingTransition(R.anim.push\_up\_in, R.anim.push\_up\_out);  
 finish();  
  
 }  
 });  
 }  
 @Override  
 public void onBackPressed() {  
 Intent intent=new Intent(MonitoringStokActivity.this, HomeActivity.class);  
 startActivity(intent);  
 overridePendingTransition(R.anim.push\_up\_in, R.anim.push\_up\_out);  
 finish();  
  
 }  
  
 public void setRvMBarang(){  
 APIRequestData apiRequestData= RetroServer.konekRetrofit().create(APIRequestData.class);  
  
 Call<rMonitoringBarang> rMonitoringBarangCall=apiRequestData.monitoringStok(kdBranch);  
 rMonitoringBarangCall.enqueue(new Callback<rMonitoringBarang>() {  
 @Override  
 public void onResponse(Call<rMonitoringBarang> call, Response<rMonitoringBarang> response) {  
 Toast.makeText(MonitoringStokActivity.this,"Loading...", Toast.LENGTH\_SHORT).show();  
 mMonitoringBarangs=response.body().getData();  
 final LinearLayoutManager layoutManager = new LinearLayoutManager(MonitoringStokActivity.this);  
 layoutManager.setOrientation(LinearLayoutManager.VERTICAL);  
 rvMBarang.setLayoutManager(layoutManager);  
 monitoringStokAdapter=new MonitoringStokAdapter(mMonitoringBarangs, MonitoringStokActivity.this, new MonitoringStokAdapter.onItemClickListener() {  
 @Override  
 public void onItemClick(mMonitoringBarang item, int position) {  
*// Toast.makeText(MonitoringStokActivity.this, String.valueOf(position), Toast.LENGTH\_SHORT).show();* showImage(item.getImage(),item.getBarangnama(),String.valueOf(item.getJumlah()),item.getTelepon(),item.getPonsel());  
 }  
 });  
 rvMBarang.setAdapter(monitoringStokAdapter);  
 }  
  
 @Override  
 public void onFailure(Call<rMonitoringBarang> call, Throwable t) {  
 Toast.makeText(MonitoringStokActivity.this, t.toString(), Toast.LENGTH\_SHORT).show();  
 }  
 });  
  
 }  
 public void setSpinner() {  
 sBranch.setTitle("Branch");  
 sBranch.setExpandTint(R.color.primaryColor);  
 APIRequestData apiRequestData= RetroServer.konekRetrofit().create(APIRequestData.class);  
 Call<rBranch> rBranchCall=apiRequestData.getAllBranch();  
 rBranchCall.enqueue(new Callback<rBranch>() {  
 @Override  
 public void onResponse(Call<rBranch> call, Response<rBranch> response) {  
 mBranchList=response.body().getData();  
 String[]branch = new String[mBranchList.size()];  
 for (int i = 0; i < mBranchList.size(); i++) {  
 branch[i]=mBranchList.get(i).getId() +" - "+mBranchList.get(i).getNama\_cabang();  
*// Toast.makeText(this, branch[i], Toast.LENGTH\_SHORT).show();  
// branch[i]="ssss";* }  
 sBranch.setItems(branch);  
*// Toast.makeText(MonitoringStokActivity.this, response.body().getPesan(), Toast.LENGTH\_SHORT).show();* }  
  
 @Override  
 public void onFailure(Call<rBranch> call, Throwable t) {  
 Toast.makeText(MonitoringStokActivity.this, t.toString(), Toast.LENGTH\_SHORT).show();  
 }  
 });  
 }  
 public void showImage(String image, String nama,String stok, String hpHs,String phoneS){  
 View dialogView;  
 LayoutInflater inflater;  
 AlertDialog.Builder dialog;  
 TextView tvNama,tvStok;  
 Button btnCallHS,btnCallStore;  
 ImageView ivBarang;  
 dialog= new AlertDialog.Builder(MonitoringStokActivity.this);  
 inflater = getLayoutInflater();  
 dialogView = inflater.inflate(R.layout.form\_image\_barang, null);  
 dialog.setView(dialogView);  
 dialog.setCancelable(true);  
 dialog.setTitle("Detail Gambar");  
 tvNama=dialogView.findViewById(R.id.nama\_barang\_image);  
 tvStok=dialogView.findViewById(R.id.stok\_barang);  
 tvStok.setText(String.valueOf(stok));  
 ivBarang=dialogView.findViewById(R.id.img\_form);  
 btnCallHS=dialogView.findViewById(R.id.btn\_call\_hs);  
 btnCallHS.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 Toast.makeText(MonitoringStokActivity.this, hpHs, Toast.LENGTH\_SHORT).show();  
 }  
 });  
 btnCallStore=dialogView.findViewById(R.id.btn\_call\_store);  
 btnCallStore.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 Toast.makeText(MonitoringStokActivity.this, phoneS, Toast.LENGTH\_SHORT).show();  
 }  
 });  
 tvNama.setText(nama);  
 byte[] imageAsBytes = Base64.decode(image.getBytes(), Base64.DEFAULT);  
 ivBarang.setImageBitmap(BitmapFactory.decodeByteArray(imageAsBytes, 0, imageAsBytes.length));  
 dialog.show();  
  
 }  
}

1. src\main\java\com\sonisuciadi\rais\SubMenu.java

package com.sonisuciadi.rais;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.content.Intent;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.TextView;  
  
public class SubMenu extends AppCompatActivity {  
 TextView tvTitleSubMenu, tvNama, tvUserID;  
 Button btnStok,btnIncome;  
 String menu;  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.activity\_sub\_menu);  
 menu=getIntent().getStringExtra("Menu").toString();  
  
 btnIncome=findViewById(R.id.btn\_income);  
 btnStok=findViewById(R.id.btn\_stok);  
 tvTitleSubMenu=findViewById(R.id.tv\_submenu);  
 tvTitleSubMenu.setText(menu);  
 tvNama=findViewById(R.id.tv\_namauser);  
 tvNama.setText(getIntent().getStringExtra("nama").toString());  
 tvUserID=findViewById(R.id.tv\_id\_user);  
 tvUserID.setText(getIntent().getStringExtra("userid").toString());  
 btnIncome.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 if (menu.equals("Analytic")){  
 Intent intent=new Intent(SubMenu.this,AnalyticIncomeActivity.class);  
 intent.putExtra("menu","Analytic");  
 intent.putExtra("userid",getIntent().getStringExtra("userid").toString());  
 intent.putExtra("nama",getIntent().getStringExtra("nama").toString());  
 startActivity(intent);  
 }else {  
 Intent intent=new Intent(SubMenu.this,MonitoringIncomeActivity.class);  
 intent.putExtra("menu","Monitoring");  
 intent.putExtra("userid",getIntent().getStringExtra("userid").toString());  
 intent.putExtra("nama",getIntent().getStringExtra("nama").toString());  
 startActivity(intent);  
 }  
 }  
 });  
 btnStok.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 if (menu.equals("Analytic")){  
 Intent intent=new Intent(SubMenu.this,AnalyticStokActivity.class);  
 intent.putExtra("menu","Monitoring");  
 intent.putExtra("userid",getIntent().getStringExtra("userid").toString());  
 intent.putExtra("nama",getIntent().getStringExtra("nama").toString());  
 startActivity(intent);  
 }else {  
 Intent intent=new Intent(SubMenu.this,MonitoringStokActivity.class);  
 intent.putExtra("menu","Monitoring");  
 intent.putExtra("userid",getIntent().getStringExtra("userid").toString());  
 intent.putExtra("nama",getIntent().getStringExtra("nama").toString());  
 startActivity(intent);  
 }  
 }  
 });  
 }  
 public void onBackPressed() {  
 Intent intent=new Intent(SubMenu.this, HomeActivity.class);  
 startActivity(intent);  
 overridePendingTransition(R.anim.push\_up\_in, R.anim.push\_up\_out);  
 finish();  
  
 }  
}

1. src\main\res\layout\activity\_account.xml

*<?*xml version="1.0" encoding="utf-8"*?>*<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent">  
  
 <com.google.android.material.appbar.AppBarLayout  
 android:id="@+id/appBar"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:background="@color/primaryColor">  
  
 <androidx.appcompat.widget.Toolbar  
 android:id="@+id/toolBar\_status"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
  
 <TextView  
 android:id="@+id/btn\_back\_account"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:background="@drawable/ic\_baseline\_arrow\_back\_ios\_24" />  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="match\_parent"  
 android:text="Account"  
 android:textColor="@color/secondaryColor"  
 android:textSize="21sp"  
 android:textStyle="bold" />  
  
 </androidx.appcompat.widget.Toolbar>  
  
 </com.google.android.material.appbar.AppBarLayout>  
  
 <ImageView  
 android:id="@+id/ic\_account"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/appBar"  
 android:layout\_centerHorizontal="true"  
 android:layout\_marginTop="24dp"  
 android:src="@drawable/ic\_baseline\_account\_circle\_24" />  
  
 <TextView  
 android:id="@+id/tv\_nama\_profil"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/ic\_account"  
 android:layout\_marginTop="8dp"  
 android:text="Nama"  
 android:textAlignment="center"  
 android:textColor="@color/primaryColor"  
 android:textSize="21sp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/tv\_id\_profil"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/tv\_nama\_profil"  
 android:layout\_marginTop="8dp"  
 android:text="ID"  
 android:textAlignment="center"  
 android:textColor="@color/primaryColor"  
 android:textSize="21sp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/tv\_data\_pribadi"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/tv\_id\_profil"  
 android:layout\_marginLeft="18dp"  
 android:layout\_marginTop="24dp"  
 android:text="DATA PRIBADI"  
 android:textColor="@color/primaryColor"  
 android:textSize="16sp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/tv\_nohp"  
 android:layout\_width="80dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/tv\_data\_pribadi"  
 android:layout\_marginLeft="32dp"  
 android:layout\_marginTop="14dp"  
 android:text="No HP"  
 android:textColor="@color/primaryColor"  
 android:textSize="16sp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/tv\_alamat"  
 android:layout\_width="80dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/tv\_nohp"  
 android:layout\_marginLeft="32dp"  
 android:layout\_marginTop="16dp"  
 android:text="Alamat"  
 android:textColor="@color/primaryColor"  
 android:textSize="16sp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/tv\_posisi"  
 android:layout\_width="80dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/tv\_alamat"  
 android:layout\_marginLeft="32dp"  
 android:layout\_marginTop="16dp"  
 android:text="Posisi"  
 android:textColor="@color/primaryColor"  
 android:textSize="16sp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/tv\_cabang"  
 android:layout\_width="80dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/tv\_posisi"  
 android:layout\_marginLeft="32dp"  
 android:layout\_marginTop="16dp"  
 android:text="Cabang"  
 android:textColor="@color/primaryColor"  
 android:textSize="16sp"  
 android:textStyle="bold" />  
  
 <EditText  
 android:id="@+id/et\_nohp"  
 android:layout\_width="250dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/tv\_data\_pribadi"  
 android:layout\_marginTop="6dp"  
 android:layout\_toRightOf="@id/tv\_nohp"  
 android:background="@drawable/textfield\_border"  
 android:padding="4dp"  
 android:text="a" />  
  
 <EditText  
 android:id="@+id/et\_alamat"  
 android:layout\_width="250dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/et\_nohp"  
 android:layout\_marginTop="6dp"  
 android:layout\_toRightOf="@id/tv\_nohp"  
 android:background="@drawable/textfield\_border"  
 android:padding="4dp"  
 android:text="a" />  
  
 <EditText  
 android:id="@+id/et\_posisi"  
 android:layout\_width="250dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/et\_alamat"  
 android:layout\_marginTop="6dp"  
 android:layout\_toRightOf="@id/tv\_nohp"  
 android:background="@drawable/textfield\_border"  
 android:enabled="false"  
 android:padding="4dp"  
 android:text="a" />  
  
 <EditText  
 android:id="@+id/et\_cabang"  
 android:layout\_width="250dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/et\_posisi"  
 android:layout\_marginTop="6dp"  
 android:layout\_toRightOf="@id/tv\_nohp"  
 android:background="@drawable/textfield\_border"  
 android:enabled="false"  
 android:padding="4dp"  
 android:text="a" />  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/tv\_cabang"  
 android:layout\_marginTop="12dp"  
 android:orientation="vertical"  
 android:padding="12dp">  
  
 <com.google.android.material.button.MaterialButton  
 android:id="@+id/btn\_simpan"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/ll\_input"  
 android:layout\_toLeftOf="@id/btn\_login"  
 android:backgroundTint="@color/primaryColor"  
 android:text="Simpan"  
 android:textColor="@android:color/white" />  
  
 <com.google.android.material.button.MaterialButton  
 android:id="@+id/btn\_ganti\_password"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/ll\_input"  
 android:layout\_toLeftOf="@id/btn\_login"  
 android:backgroundTint="@color/primaryColor"  
 android:text="Ganti Pssword"  
 android:textColor="@android:color/white" />  
  
 <com.google.android.material.button.MaterialButton  
 android:id="@+id/btn\_logout"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/ll\_input"  
 android:layout\_toLeftOf="@id/btn\_login"  
 android:backgroundTint="@color/primaryColor"  
 android:text="LOGOUT"  
 android:textColor="@android:color/white" />  
  
 </LinearLayout>  
</RelativeLayout>

1. src\main\res\layout\activity\_analytic\_income.xml

*<?*xml version="1.0" encoding="utf-8"*?>*<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".AnalyticIncomeActivity">  
  
 <com.google.android.material.appbar.AppBarLayout  
 android:id="@+id/appBar"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:background="@color/primaryColor">  
  
 <androidx.appcompat.widget.Toolbar  
 android:id="@+id/toolBar"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
  
 <TextView  
 android:id="@+id/btn\_back\_aincome"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:background="@drawable/ic\_baseline\_arrow\_back\_ios\_24" />  
  
 <TextView  
 android:id="@+id/name"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="match\_parent"  
 android:text="Analytic - Income"  
 android:textColor="@color/secondaryColor"  
 android:textSize="21sp"  
 android:textStyle="bold" />  
  
 </androidx.appcompat.widget.Toolbar>  
 </com.google.android.material.appbar.AppBarLayout>  
  
 <LinearLayout  
 android:id="@+id/spiner"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/appBar"  
 android:orientation="horizontal">  
  
 <jrizani.jrspinner.JRSpinner  
 android:id="@+id/sfrekuensi"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_margin="8dp"  
 android:padding="8dp"  
 android:textColor="@color/secondaryColor"  
 app:backgroundTint="@android:color/white"  
 app:jrs\_icon\_tint="@color/secondaryColor"  
 app:jrs\_multiple="false"  
 app:jrs\_title="Choose" />  
  
  
 </LinearLayout>  
  
  
 <com.github.mikephil.charting.charts.BarChart  
 android:id="@+id/lineChart"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/spiner"  
 android:layout\_marginTop="8dp"  
 android:minHeight="200dp"  
 android:padding="8dp" />  
  
 <TextView  
 android:id="@+id/tv\_info"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/lineChart"  
 android:padding="8dp"  
 android:text="Pemasukan Tiap Cabang"  
 android:textSize="18sp"  
 android:textStyle="bold" />  
  
 <androidx.recyclerview.widget.RecyclerView  
 android:id="@+id/rv\_aincome"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/tv\_info"  
 android:layout\_marginTop="6dp"  
 android:layout\_marginBottom="54dp"  
 tools:listitem="@layout/item\_card\_analytic\_income" />  
  
 <RelativeLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentBottom="true"  
 android:background="@android:color/white"  
 android:padding="16dp">  
  
 <TextView  
 android:id="@+id/tv\_ket"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Total Penjualan: "  
 android:textSize="18sp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/tv\_totalincome"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_toRightOf="@id/tv\_ket"  
 android:text=""  
 android:textSize="18sp"  
 android:textStyle="bold" />  
 </RelativeLayout>  
  
  
</RelativeLayout>

1. src\main\res\layout\activity\_analytic\_stok.xml

*<?*xml version="1.0" encoding="utf-8"*?>*<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".AnalyticIncomeActivity">  
  
 <com.google.android.material.appbar.AppBarLayout  
 android:id="@+id/appBar"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:background="@color/primaryColor">  
  
 <androidx.appcompat.widget.Toolbar  
 android:id="@+id/toolBar"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
  
 <TextView  
 android:id="@+id/btn\_back\_astok"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:background="@drawable/ic\_baseline\_arrow\_back\_ios\_24" />  
  
 <TextView  
 android:id="@+id/name"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="match\_parent"  
 android:text="Analytic - Stok"  
 android:textColor="@color/secondaryColor"  
 android:textSize="21sp"  
 android:textStyle="bold" />  
  
 </androidx.appcompat.widget.Toolbar>  
 </com.google.android.material.appbar.AppBarLayout>  
  
 <LinearLayout  
 android:id="@+id/spiner"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/appBar"  
 android:orientation="horizontal">  
  
 <jrizani.jrspinner.JRSpinner  
 android:id="@+id/sBarang"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
  
 android:layout\_margin="8dp"  
 android:textColor="@color/secondaryColor"  
 app:backgroundTint="@android:color/white"  
 app:jrs\_icon\_tint="@color/secondaryColor"  
 app:jrs\_multiple="false"  
 app:jrs\_title="Choose" />  
  
 </LinearLayout>  
  
  
 <com.github.mikephil.charting.charts.LineChart  
 android:id="@+id/lineChart"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/spiner"  
 android:layout\_marginTop="8dp"  
 android:minHeight="200dp"  
 android:padding="8dp" />  
  
 <TextView  
 android:id="@+id/tv\_info"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/lineChart"  
 android:layout\_marginTop="8dp"  
 android:padding="8dp"  
 android:text="Estimasi Stok Barang"  
 android:textSize="18sp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/tv\_tanggal"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/tv\_info"  
 android:layout\_marginLeft="28dp"  
 android:padding="4dp"  
 android:text="Januari 2022g"  
 android:textSize="18sp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/tv\_hitungan"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/tv\_tanggal"  
 android:layout\_marginLeft="56dp"  
 android:layout\_marginTop="-2dp"  
 android:padding="4dp"  
 android:text="Januari 2022g"  
 android:textSize="18sp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/tv\_estimasi"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/tv\_hitungan"  
 android:layout\_marginLeft="56dp"  
 android:layout\_marginTop="-2dp"  
 android:padding="4dp"  
 android:text="Januari 2022"  
 android:textSize="18sp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/tv\_stokbarang"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/tv\_estimasi"  
 android:padding="8dp"  
 android:text="Estimasi Stok Barang"  
 android:textSize="18sp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/tv\_infosuplier"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/tv\_stokbarang"  
 android:layout\_marginTop="8dp"  
 android:padding="8dp"  
 android:text="Info Suplier"  
 android:textSize="18sp"  
 android:textStyle="bold" />  
  
 <RelativeLayout  
 android:id="@+id/rl\_label"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/tv\_infosuplier"  
 android:padding="8dp">  
  
 <TextView  
 android:id="@+id/l\_nama\_suplier"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Nama Suplier : "  
 android:textColor="@color/secondaryColor"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/l\_nohp"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/l\_nama\_suplier"  
 android:layout\_marginTop="8dp"  
 android:text="Nomor Telephponr : "  
 android:textColor="@color/secondaryColor"  
 android:textStyle="bold" />  
 </RelativeLayout>  
  
 <RelativeLayout  
 android:id="@+id/r\_value"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/tv\_infosuplier"  
 android:layout\_toRightOf="@id/rl\_label"  
 android:padding="8dp">  
  
 <TextView  
 android:id="@+id/tv\_nama\_suplier"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Nama Suplier : "  
 android:textColor="@color/secondaryColor"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/tv\_nohp"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/tv\_nama\_suplier"  
 android:layout\_marginTop="8dp"  
 android:text="Nomor hp"  
 android:textColor="@color/secondaryColor"  
 android:textStyle="bold" />  
 </RelativeLayout>  
  
 <com.google.android.material.button.MaterialButton  
 android:id="@+id/btn\_pesan"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/r\_value"  
 android:layout\_margin="18dp"  
 android:layout\_marginTop="16dp"  
 android:backgroundTint="@color/primaryColor"  
 android:text="Pesan Sekarang"  
 android:textColor="@android:color/white" />  
  
  
</RelativeLayout>

1. src\main\res\layout\activity\_home.xml

*<?*xml version="1.0" encoding="utf-8"*?>*<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:background="@color/primaryColor"  
 android:paddingLeft="2dp"  
 android:paddingTop="8dp"  
 android:paddingRight="2dp"  
 android:paddingBottom="0dp"  
 tools:context=".HomeActivity"  
  
 >  
  
 <RelativeLayout  
 android:id="@+id/header"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:padding="8dp">  
  
 <TextView  
 android:id="@+id/tv\_wellcome"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="4dp"  
 android:text="hei"  
 android:textAlignment="viewEnd"  
 android:textColor="@android:color/white"  
 android:textSize="32sp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/tv\_namauser"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/tv\_wellcome"  
 android:layout\_marginTop="8dp"  
 android:layout\_marginRight="12dp"  
 android:text="Nama User"  
 android:textAlignment="viewEnd"  
 android:textColor="@android:color/white"  
 android:textSize="28sp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/tv\_iduser"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/tv\_namauser"  
 android:layout\_marginTop="8dp"  
 android:text="ID USER"  
 android:textColor="@android:color/white"  
 android:textSize="28sp"  
 android:textStyle="bold" />  
  
  
 </RelativeLayout>  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/header"  
 android:layout\_marginTop="20dp"  
 android:background="@drawable/backgroud\_menu"  
 android:orientation="vertical">  
  
 <com.google.android.material.button.MaterialButton  
 android:id="@+id/btn\_monitoring"  
 android:layout\_width="match\_parent"  
 android:layout\_height="150dp"  
 android:layout\_marginRight="8dp"  
 android:layout\_marginLeft="8dp"  
 android:layout\_marginBottom="8dp"  
 android:layout\_marginTop="18dp"  
 android:background="@drawable/backgroundbutton"  
 android:drawableLeft="@drawable/ic\_monitoring"  
 android:padding="16dp"  
 android:text="Montoring"  
 android:textAlignment="center"  
 android:textColor="@color/secondaryColor"  
 android:textSize="28sp"  
 android:textStyle="bold" />  
  
 <com.google.android.material.button.MaterialButton  
 android:id="@+id/btn\_analytic"  
 android:layout\_width="match\_parent"  
 android:layout\_height="150dp"  
 android:layout\_margin="8dp"  
 android:background="@drawable/backgroundbutton"  
 android:drawableLeft="@drawable/ic\_analytic"  
 android:padding="16dp"  
 android:text="Analytic"  
 android:textAlignment="center"  
 android:textColor="@color/secondaryColor"  
 android:textSize="28sp"  
 android:textStyle="bold" />  
 <com.google.android.material.button.MaterialButton  
 android:id="@+id/btn\_account"  
 android:layout\_width="match\_parent"  
 android:layout\_height="150dp"  
 android:background="@drawable/backgroundbutton"  
 android:drawableLeft="@drawable/ic\_account"  
 android:text="Account"  
 android:textColor="@color/secondaryColor"  
 android:textAlignment="center"  
 android:textSize="28sp"  
 android:textStyle="bold"  
 android:layout\_margin="8dp"  
 android:padding="16dp"  
 />  
 </LinearLayout>  
  
  
</RelativeLayout>

1. src\main\res\layout\activity\_login.xml

*<?*xml version="1.0" encoding="utf-8"*?>*<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:background="@android:color/white"  
 android:padding="16dp"  
 tools:context=".LoginActivity">  
  
 <ImageView  
 android:id="@+id/iv\_logo"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="256dp"  
 android:layout\_centerHorizontal="true"  
 android:layout\_marginTop="21dp"  
 android:src="@drawable/ic\_rais" />  
  
 <TextView  
 android:id="@+id/tv\_nama"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/iv\_logo"  
 android:layout\_centerHorizontal="true"  
 android:layout\_marginTop="8dp"  
 android:text="Monitoring Anytime Anywhere"  
 android:textColor="@color/primaryColor"  
 android:textSize="25sp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/tv\_wellcome"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/tv\_nama"  
 android:layout\_centerHorizontal="true"  
 android:layout\_marginTop="16dp"  
 android:text="Selamat Datang"  
 android:textColor="@color/secondaryColor"  
 android:textSize="24sp"  
 android:textStyle="bold" />  
  
 <LinearLayout  
 android:id="@+id/ll\_input"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/tv\_wellcome"  
 android:orientation="vertical"  
  
 android:paddingLeft="24dp"  
 android:paddingRight="24dp">  
  
 <TextView  
 android:id="@+id/tv\_greeting"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/tv\_wellcome"  
 android:layout\_marginTop="16dp"  
 android:padding="8dp"  
 android:text="Silakan Login Dengan Akun Anda"  
 android:textColor="@color/primaryLightColor"  
 android:textSize="16sp"  
 android:textStyle="bold" />  
  
 <com.google.android.material.textfield.TextInputLayout  
 android:id="@+id/til\_nip"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 app:counterEnabled="true"  
 app:counterMaxLength="20">  
  
 <EditText  
 android:id="@+id/et\_username"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_margin="8dp"  
 android:background="@drawable/textfield\_border"  
 android:ems="10"  
 android:hint="Masukan Nama" />  
  
 </com.google.android.material.textfield.TextInputLayout>  
  
 <com.google.android.material.textfield.TextInputLayout  
 android:id="@+id/til\_password"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/til\_nip"  
 android:layout\_marginTop="8dp"  
 app:passwordToggleEnabled="true">  
  
 <EditText  
 android:id="@+id/et\_password"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="8dp"  
 android:layout\_marginRight="8dp"  
 android:layout\_marginBottom="8dp"  
 android:background="@drawable/textfield\_border"  
 android:ems="6"  
 android:hint="Password"  
 android:inputType="textPassword" />  
 </com.google.android.material.textfield.TextInputLayout>  
 </LinearLayout>  
  
 <com.google.android.material.button.MaterialButton  
 android:id="@+id/btn\_login"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/ll\_input"  
 android:layout\_alignParentEnd="true"  
 android:layout\_marginTop="16dp"  
 android:layout\_marginRight="28sp"  
 android:backgroundTint="@color/primaryColor"  
 android:text="Login"  
 android:textColor="@android:color/white" />  
  
 <com.google.android.material.button.MaterialButton  
 android:id="@+id/btn\_reset"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/ll\_input"  
 android:layout\_marginTop="16dp"  
 android:layout\_marginRight="16dp"  
 android:layout\_toLeftOf="@id/btn\_login"  
 android:backgroundTint="@color/primaryColor"  
 android:text="Reset"  
 android:textColor="@android:color/white" />  
</RelativeLayout>

1. src\main\res\layout\activity\_main.xml

*<?*xml version="1.0" encoding="utf-8"*?>*<androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:background="@android:color/white"  
 tools:context=".MainActivity">  
  
 <androidx.appcompat.widget.AppCompatImageView  
 android:layout\_width="250dp"  
 android:layout\_height="wrap\_content"  
 android:src="@drawable/ic\_rais"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 tools:ignore="MissingConstraints" />  
  
</androidx.constraintlayout.widget.ConstraintLayout>

1. src\main\res\layout\activity\_monitoring\_income.xml

*<?*xml version="1.0" encoding="utf-8"*?>*<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent">  
  
 <com.google.android.material.appbar.AppBarLayout  
 android:id="@+id/appBar"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:background="@color/primaryColor">  
  
 <androidx.appcompat.widget.Toolbar  
 android:id="@+id/toolBar"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
  
 <TextView  
 android:id="@+id/btn\_back\_mincome"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:background="@drawable/ic\_baseline\_arrow\_back\_ios\_24" />  
  
 <TextView  
 android:id="@+id/name"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="match\_parent"  
 android:text="Monitoring - Income"  
 android:textColor="@color/secondaryColor"  
 android:textSize="21sp"  
 android:textStyle="bold" />  
  
 </androidx.appcompat.widget.Toolbar>  
  
 </com.google.android.material.appbar.AppBarLayout>  
  
 <RelativeLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_below="@id/appBar">  
  
 <jrizani.jrspinner.JRSpinner  
 android:id="@+id/sbranch"  
 android:layout\_width="250dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_margin="8dp"  
 android:textColor="@color/secondaryColor"  
 app:backgroundTint="@android:color/white"  
 app:jrs\_icon\_tint="@color/secondaryColor"  
 app:jrs\_multiple="false"  
 app:jrs\_title="Choose" />  
  
 <jrizani.jrspinner.JRSpinner  
 android:id="@+id/sfrekuensi"  
 android:layout\_width="280dp"  
 android:layout\_height="48dp"  
 android:layout\_margin="8dp"  
 android:layout\_toRightOf="@id/sbranch"  
 android:textColor="@color/secondaryColor"  
 app:backgroundTint="@android:color/white"  
 app:jrs\_icon\_tint="@color/secondaryColor"  
 app:jrs\_multiple="false"  
 app:jrs\_title="Choose" />  
  
 <androidx.recyclerview.widget.RecyclerView  
 android:id="@+id/rv\_monitoring\_income"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_below="@id/sbranch"  
 android:layout\_marginTop="8dp"  
 android:padding="8dp"  
 tools:listitem="@layout/item\_card\_monitoring\_income"  
  
  
 />  
 </RelativeLayout>  
  
 <RelativeLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentBottom="true"  
 android:background="@android:color/white"  
 android:padding="16dp">  
  
 <TextView  
 android:id="@+id/tv\_ket"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
  
 android:text="Total Income: "  
 android:textSize="18sp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/tv\_total"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_toRightOf="@id/tv\_ket"  
 android:text=""  
  
 android:textSize="18sp"  
 android:textStyle="bold" />  
  
  
 </RelativeLayout>  
  
</RelativeLayout>

1. src\main\res\layout\activity\_monitoring\_stok.xml

*<?*xml version="1.0" encoding="utf-8"*?>*<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent">  
  
 <com.google.android.material.appbar.AppBarLayout  
 android:id="@+id/appBar"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:background="@color/primaryColor">  
  
 <androidx.appcompat.widget.Toolbar  
 android:id="@+id/toolBar"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
  
 <TextView  
 android:id="@+id/btn\_back\_mstok"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:background="@drawable/ic\_baseline\_arrow\_back\_ios\_24" />  
  
 <TextView  
 android:id="@+id/name"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="match\_parent"  
 android:text="Monitoring - Stok"  
 android:textColor="@color/secondaryColor"  
 android:textSize="21sp"  
 android:textStyle="bold" />  
  
 </androidx.appcompat.widget.Toolbar>  
  
 </com.google.android.material.appbar.AppBarLayout>  
  
 <RelativeLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_below="@id/appBar">  
  
 <jrizani.jrspinner.JRSpinner  
 android:id="@+id/sbranch"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="8dp"  
 android:layout\_marginTop="16dp"  
 android:layout\_marginRight="8dp"  
 android:layout\_marginBottom="8dp"  
 android:background="@drawable/textfield\_border"  
 android:padding="4dp"  
 android:textColor="@color/secondaryColor"  
 android:textSize="18dp"  
 app:backgroundTint="@android:color/white"  
 app:jrs\_icon\_tint="@color/secondaryColor"  
 app:jrs\_multiple="false"  
 app:jrs\_title="Choose" />  
  
 <androidx.recyclerview.widget.RecyclerView  
 android:id="@+id/rv\_monitoring\_barang"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_below="@id/sbranch"  
 android:layout\_marginTop="8dp"  
 android:padding="8dp"  
 tools:listitem="@layout/item\_card\_motoring\_stok" />  
 </RelativeLayout>  
  
  
</RelativeLayout>

1. src\main\res\layout\activity\_sub\_menu.xml

*<?*xml version="1.0" encoding="utf-8"*?>*<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:background="@color/primaryColor"  
 android:paddingLeft="2dp"  
 android:paddingTop="8dp"  
 android:paddingRight="2dp"  
 android:paddingBottom="0dp"  
 tools:context=".HomeActivity">  
  
 <RelativeLayout  
 android:id="@+id/header"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:padding="8dp">  
  
 <TextView  
 android:id="@+id/tv\_wellcome"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="4dp"  
 android:text="Wellcome"  
 android:textAlignment="viewEnd"  
 android:textColor="@android:color/white"  
 android:textSize="32sp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/tv\_namauser"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/tv\_wellcome"  
 android:layout\_marginTop="8dp"  
 android:layout\_marginRight="12dp"  
 android:text="Nama User"  
 android:textAlignment="viewEnd"  
 android:textColor="@android:color/white"  
 android:textSize="28sp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/tv\_id\_user"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/tv\_namauser"  
 android:layout\_marginTop="8dp"  
 android:text="ID USER"  
 android:textColor="@android:color/white"  
 android:textSize="28sp"  
 android:textStyle="bold" />  
  
  
 </RelativeLayout>  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/header"  
 android:layout\_marginTop="20dp"  
 android:background="@drawable/backgroud\_menu"  
 android:orientation="vertical">  
  
 <TextView  
 android:id="@+id/tv\_submenu"  
 android:layout\_width="match\_parent"  
 android:layout\_height="80dp"  
 android:layout\_marginLeft="8dp"  
 android:layout\_marginTop="18dp"  
 android:layout\_marginRight="8dp"  
 android:layout\_marginBottom="8dp"  
 android:background="@drawable/backgroundbutton"  
 android:backgroundTint="@color/primaryColor"  
 android:padding="16dp"  
 android:text=""  
 android:textAlignment="center"  
 android:textColor="@color/secondaryColor"  
 android:textSize="28sp"  
 android:textStyle="bold" />  
  
 <com.google.android.material.button.MaterialButton  
 android:id="@+id/btn\_stok"  
 android:layout\_width="match\_parent"  
 android:layout\_height="150dp"  
 android:layout\_marginLeft="8dp"  
 android:layout\_marginTop="48dp"  
 android:layout\_marginRight="8dp"  
 android:layout\_marginBottom="8dp"  
 android:background="@drawable/backgroundbutton"  
 android:drawableLeft="@drawable/ic\_stok"  
 android:padding="16dp"  
 android:text="Stok"  
 android:textAlignment="center"  
 android:textColor="@color/secondaryColor"  
 android:textSize="28sp"  
 android:textStyle="bold" />  
  
 <com.google.android.material.button.MaterialButton  
 android:id="@+id/btn\_income"  
 android:layout\_width="match\_parent"  
 android:layout\_height="150dp"  
 android:layout\_margin="8dp"  
 android:background="@drawable/backgroundbutton"  
 android:drawableLeft="@drawable/ic\_income"  
 android:padding="16dp"  
 android:text="Income"  
 android:textAlignment="center"  
 android:textColor="@color/secondaryColor"  
 android:textSize="28sp"  
 android:textStyle="bold" />  
 </LinearLayout>  
  
  
</RelativeLayout>

1. src\main\res\layout\form\_analytic\_income\_branch.xml

*<?*xml version="1.0" encoding="utf-8"*?>*<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_centerInParent="true"  
 android:orientation="vertical"  
 android:padding="8dp">  
  
 <TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="Income Bulanan"  
 android:textAlignment="center"  
 android:textColor="@color/secondaryColor"  
 android:textSize="18sp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/tv\_nama\_branch"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="8dp"  
 android:text="Nama Branch"  
 android:textAlignment="center"  
 android:textColor="@color/secondaryColor"  
 android:textSize="22sp"  
 android:textStyle="bold" />  
  
 <com.github.mikephil.charting.charts.BarChart  
 android:id="@+id/bar\_chart"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/spiner"  
 android:layout\_marginTop="8dp"  
 android:minHeight="200dp"  
 android:padding="8dp" />  
  
</LinearLayout>

1. src\main\res\layout\form\_detail\_income.xml

*<?*xml version="1.0" encoding="utf-8"*?>*<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:padding="8dp">  
 <TextView  
 android:id="@+id/lid"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="No Order:"  
 android:textColor="@color/secondaryColor"  
 android:textSize="18sp"  
 android:textStyle="bold" />  
 <TextView  
 android:id="@+id/id\_pesanan\_form"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="12dp"  
 android:layout\_toRightOf="@id/lid"  
 android:text="No Order"  
 android:textColor="@color/secondaryColor"  
 android:textSize="18sp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/l\_namacabang"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/id\_pesanan\_form"  
 android:layout\_marginTop="8dp"  
 android:text="Cabang :"  
 android:textColor="@color/secondaryColor"  
 android:textSize="18sp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/nama\_cabang"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/id\_pesanan\_form"  
 android:layout\_marginLeft="12dp"  
 android:layout\_marginTop="8dp"  
 android:layout\_toRightOf="@id/lid"  
 android:text="No Order"  
 android:textColor="@color/secondaryColor"  
 android:textSize="18sp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/ltgl"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/nama\_cabang"  
 android:layout\_marginTop="8dp"  
 android:text="Tgl Order:"  
 android:textColor="@color/secondaryColor"  
 android:textSize="18sp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/tanggal\_pesanan\_form"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/nama\_cabang"  
 android:layout\_marginLeft="8dp"  
 android:layout\_marginTop="8dp"  
 android:layout\_toRightOf="@id/ltgl"  
 android:text="No Order"  
 android:textColor="@color/secondaryColor"  
 android:textSize="18sp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/status\_pesanan\_form"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentRight="true"  
 android:layout\_marginLeft="8dp"  
 android:layout\_marginTop="16dp"  
 android:text="Status"  
 android:textColor="@color/secondaryColor"  
 android:textSize="18sp"  
 android:textStyle="bold" />  
  
 <androidx.recyclerview.widget.RecyclerView  
 android:id="@+id/rv\_detail\_order"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/ltgl"  
 android:layout\_margin="12dp"  
 tools:listitem="@layout/item\_detail\_income" />  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/rv\_detail\_order"  
 android:layout\_marginLeft="8dp"  
 android:text="Total: "  
 android:textColor="@color/secondaryColor"  
 android:textSize="24dp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/total\_form"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/rv\_detail\_order"  
 android:layout\_alignParentRight="true"  
 android:layout\_marginLeft="8dp"  
 android:layout\_marginRight="16sp"  
 android:text="Rp 9999999999"  
 android:textColor="@color/secondaryColor"  
 android:textSize="24dp"  
 android:textStyle="bold" />  
</RelativeLayout>

1. src\main\res\layout\form\_ganti\_password.xml

<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="vertical"  
 android:padding="8dp">  
  
 <com.google.android.material.textfield.TextInputLayout  
  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="8dp"  
 app:passwordToggleEnabled="true">  
  
 <EditText  
 android:id="@+id/et\_password"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="8dp"  
 android:layout\_marginRight="8dp"  
 android:layout\_marginBottom="8dp"  
 android:background="@drawable/textfield\_border"  
 android:ems="6"  
 android:hint="Password Sekarang"  
 android:inputType="textPassword" />  
  
 </com.google.android.material.textfield.TextInputLayout>  
  
 <com.google.android.material.textfield.TextInputLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="8dp"  
 app:passwordToggleEnabled="true">  
  
 <EditText  
 android:id="@+id/et\_password\_baru"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="8dp"  
 android:layout\_marginRight="8dp"  
 android:layout\_marginBottom="8dp"  
 android:background="@drawable/textfield\_border"  
 android:ems="6"  
 android:hint="Password Baru"  
 android:inputType="textPassword" />  
  
 </com.google.android.material.textfield.TextInputLayout>  
  
 <com.google.android.material.textfield.TextInputLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="8dp"  
 app:passwordToggleEnabled="true">  
  
 <EditText  
 android:id="@+id/et\_password\_baru\_confim"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="8dp"  
 android:layout\_marginRight="8dp"  
 android:layout\_marginBottom="8dp"  
 android:background="@drawable/textfield\_border"  
 android:ems="6"  
 android:hint="Konfirmasi Password Baru"  
 android:inputType="textPassword" />  
  
 </com.google.android.material.textfield.TextInputLayout>  
  
  
</LinearLayout>

1. src\main\res\layout\form\_image\_barang.xml

*<?*xml version="1.0" encoding="utf-8"*?>*<androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent">  
  
 <RelativeLayout  
 android:layout\_width="350dp"  
 android:layout\_height="wrap\_content"  
 android:padding="18dp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 tools:ignore="MissingConstraints">  
  
 <ImageView  
 android:id="@+id/img\_form"  
 android:layout\_width="300dp"  
 android:layout\_height="300dp"  
 android:layout\_centerHorizontal="true" />  
  
 <TextView  
 android:id="@+id/nama\_barang\_image"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/img\_form"  
 android:layout\_marginLeft="8dp"  
 android:layout\_marginTop="18dp"  
 android:text="Nama Barang"  
 android:textColor="@color/secondaryColor"  
 android:textSize="16sp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/stok\_barang"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/img\_form"  
 android:layout\_alignParentRight="true"  
 android:layout\_marginLeft="8dp"  
 android:layout\_marginTop="18dp"  
 android:text="Stok"  
 android:textColor="@color/secondaryColor"  
 android:textSize="16sp"  
 android:textStyle="normal" />  
  
 <LinearLayout  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/nama\_barang\_image"  
 android:layout\_centerHorizontal="true"  
 android:orientation="horizontal">  
  
 <com.google.android.material.button.MaterialButton  
 android:id="@+id/btn\_call\_hs"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="16dp"  
 android:layout\_marginRight="16dp"  
 android:backgroundTint="@color/secondaryColor"  
 android:text="Call HS"  
 android:textColor="@android:color/white" />  
  
 <com.google.android.material.button.MaterialButton  
 android:id="@+id/btn\_call\_store"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="16dp"  
 android:layout\_marginRight="16dp"  
 android:backgroundTint="@color/secondaryColor"  
 android:text="Call Store"  
 android:textColor="@android:color/white" />  
 </LinearLayout>  
  
 </RelativeLayout>  
  
  
</androidx.constraintlayout.widget.ConstraintLayout>

1. src\main\res\layout\form\_validasi.xml

*<?*xml version="1.0" encoding="utf-8"*?>*<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 xmlns:app="http://schemas.android.com/apk/res-auto">  
 <com.google.android.material.textfield.TextInputLayout  
  
 app:passwordToggleEnabled="true"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="8dp">  
  
 <EditText  
 android:id="@+id/et\_password"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginRight="8dp"  
 android:layout\_marginLeft="8dp"  
 android:layout\_marginBottom="8dp"  
 android:background="@drawable/textfield\_border"  
 android:ems="6"  
 android:hint="Password "  
 android:inputType="textPassword" />  
  
 </com.google.android.material.textfield.TextInputLayout>  
</RelativeLayout>

1. src\main\res\layout\item\_card\_analytic\_income.xml

*<?*xml version="1.0" encoding="utf-8"*?>*<RelativeLayout  
 xmlns:android="http://schemas.android.com/apk/res/android" android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content" android:layout\_margin="8dp" android:padding="8dp" android:background="@drawable/textfield\_border">  
 <TextView  
 android:id="@+id/tv\_id"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:textColor="@color/secondaryColor"  
 android:textStyle="bold"  
 android:text="000000000"/>  
 <TextView  
 android:id="@+id/tv\_nama"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:textColor="@color/secondaryColor"  
 android:textStyle="bold"  
 android:layout\_toRightOf="@id/tv\_id"  
 android:layout\_marginLeft="18dp"  
 android:text="000000000"/>  
 <TextView  
 android:id="@+id/tv\_nama\_hs"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:textColor="@color/secondaryColor"  
 android:textStyle="bold"  
 android:layout\_toRightOf="@id/tv\_id"  
 android:layout\_below="@id/tv\_nama"  
 android:layout\_marginTop="12dp"  
 android:layout\_marginLeft="18dp"  
 android:text="000000000"/>  
 <TextView  
 android:id="@+id/tv\_income"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:textColor="@color/secondaryColor"  
 android:textStyle="bold"  
 android:layout\_alignParentEnd="true"  
 android:layout\_marginTop="15dp"  
 android:layout\_marginLeft="18dp"  
 android:text="000000000"/>  
  
</RelativeLayout>

1. src\main\res\layout\item\_card\_monitoring\_income.xml

*<?*xml version="1.0" encoding="utf-8"*?>*<com.google.android.material.card.MaterialCardView xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_margin="8dp"  
 android:background="@drawable/backgroundbutton">  
  
 <RelativeLayout  
  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:padding="8dp">  
  
 <RelativeLayout  
 android:id="@+id/rl\_label"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:padding="8dp">  
  
 <TextView  
 android:id="@+id/l\_idpesanan"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="ID Pesanan : "  
 android:textColor="@color/secondaryColor"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/l\_namacabang"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/l\_idpesanan"  
 android:layout\_marginTop="8dp"  
 android:text="Nama Cabang : "  
 android:textColor="@color/secondaryColor"  
 android:textStyle="bold" />  
 <TextView  
 android:id="@+id/l\_tanggalpesanan"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/l\_namacabang"  
 android:layout\_marginTop="8dp"  
 android:text="Tanggal Pesanan : "  
 android:textColor="@color/secondaryColor"  
 android:textStyle="bold" />  
 <TextView  
 android:id="@+id/l\_keuntungan"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/l\_tanggalpesanan"  
 android:layout\_marginTop="8dp"  
 android:text="Total Keuntungan : "  
 android:textColor="@color/secondaryColor"  
 android:textStyle="bold" />  
  
 </RelativeLayout>  
 <RelativeLayout  
 android:id="@+id/rl\_isi"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_toRightOf="@id/rl\_label"  
 android:padding="8dp">  
  
 <TextView  
 android:id="@+id/id\_pesanan"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="000000"  
 android:textColor="@color/secondaryColor"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/nama\_cabang"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/id\_pesanan"  
 android:layout\_marginTop="8dp"  
 android:text="xxxxxxxxxxxxxxxxx"  
 android:textColor="@color/secondaryColor"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/tanggal\_pesanan"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/nama\_cabang"  
 android:layout\_marginTop="8dp"  
 android:text="03-08-2000"  
 android:textColor="@color/secondaryColor"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/total\_keuntungan"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/tanggal\_pesanan"  
 android:layout\_marginTop="8dp"  
 android:text="1000000"  
 android:textColor="@color/secondaryColor"  
 android:textStyle="bold" />  
 </RelativeLayout>  
  
 <TextView  
 android:id="@+id/status\_pesanan"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentEnd="true"  
 android:layout\_marginTop="42dp"  
 android:layout\_toRightOf="@id/rl\_isi"  
 android:text="Selesai"  
 android:textAlignment="textEnd"  
 android:textColor="@color/secondaryColor"  
 android:textStyle="bold" />  
 </RelativeLayout>  
</com.google.android.material.card.MaterialCardView>

1. src\main\res\layout\item\_card\_motoring\_stok.xml

*<?*xml version="1.0" encoding="utf-8"*?>*<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_margin="4dp"  
 android:background="@drawable/textfield\_border"  
 android:padding="8dp">  
  
 <TextView  
 android:id="@+id/tv\_kd\_branch"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Kode Branch"  
 android:textColor="@color/primaryColor"  
 android:textSize="12sp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/tv\_nama\_branch"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="16dp"  
 android:layout\_toRightOf="@id/tv\_kd\_branch"  
 android:text="Nama Branch"  
 android:textColor="@color/primaryColor"  
 android:textSize="12sp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/tv\_kd\_barang"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/tv\_kd\_branch"  
 android:layout\_marginLeft="12dp"  
 android:layout\_marginTop="8dp"  
 android:text="Kode Barang"  
 android:textColor="@color/secondaryColor"  
 android:textSize="14sp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/tv\_nama\_barang"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/tv\_kd\_branch"  
 android:layout\_marginLeft="16dp"  
 android:layout\_marginTop="8dp"  
 android:layout\_toRightOf="@id/tv\_kd\_barang"  
 android:text="Nama Branch"  
 android:textColor="@color/secondaryColor"  
 android:textSize="14sp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/tv\_ket"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/tv\_kd\_barang"  
 android:layout\_marginLeft="16dp"  
 android:layout\_marginTop="8dp"  
 android:layout\_toRightOf="@id/tv\_kd\_barang"  
 android:text="Sisa Stok"  
 android:textSize="14sp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/tv\_stok"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/tv\_kd\_barang"  
 android:layout\_alignParentEnd="true"  
 android:layout\_marginLeft="16dp"  
 android:layout\_marginTop="8dp"  
 android:layout\_marginEnd="8dp"  
 android:text="00"  
 android:textColor="@color/secondaryColor"  
 android:textSize="14sp"  
 android:textStyle="bold" />  
  
  
</RelativeLayout>

1. src\main\res\layout\item\_detail\_income.xml

*<?*xml version="1.0" encoding="utf-8"*?>*<com.google.android.material.card.MaterialCardView  
 xmlns:android="http://schemas.android.com/apk/res/android" android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
 <RelativeLayout  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_margin="8dp">  
 <TextView  
 android:id="@+id/id\_barang\_item"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:textColor="@color/secondaryColor"  
 android:textStyle="bold"  
 android:textSize="18sp"  
 android:text="sssssss"/>  
  
 <TextView  
 android:id="@+id/nama\_barang\_item"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="16dp"  
 android:layout\_toRightOf="@id/id\_barang\_item"  
  
 android:text="sssssss"  
 android:textColor="@color/secondaryColor"  
 android:textSize="18sp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/harga\_barang\_item"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/nama\_barang\_item"  
 android:layout\_marginLeft="-42dp"  
 android:layout\_marginTop="-1dp"  
 android:layout\_toRightOf="@id/id\_barang\_item"  
 android:text="sssssssssssssss"  
 android:textColor="@color/secondaryColor"  
 android:textSize="18sp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/x"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:textColor="@color/secondaryColor"  
 android:textStyle="bold"  
 android:layout\_below="@id/nama\_barang\_item"  
 android:layout\_toRightOf="@id/harga\_barang\_item"  
 android:layout\_marginLeft="8dp"  
 android:layout\_marginRight="8dp"  
 android:textSize="18sp"  
 android:text="X"/>  
 <TextView  
 android:id="@+id/jumlah\_barang\_item"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:textColor="@color/secondaryColor"  
 android:textStyle="bold"  
 android:textSize="18sp"  
 android:layout\_below="@id/nama\_barang\_item"  
 android:layout\_toRightOf="@id/x"  
 android:text="ssssssssss"/>  
 <TextView  
 android:id="@+id/total\_barang\_item"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:textColor="@color/secondaryColor"  
 android:textStyle="bold"  
 android:textSize="18sp"  
 android:layout\_below="@id/nama\_barang\_item"  
 android:layout\_alignParentRight="true"  
 android:text="hhhh"/>  
 </RelativeLayout>  
  
</com.google.android.material.card.MaterialCardView>

1. src\main\res\layout\markerview\_three\_item.xml

*<?*xml version="1.0" encoding="utf-8"*?>*<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 android:id="@+id/container"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginBottom="10dp"  
 android:background="@android:color/white"  
 android:clickable="true"  
 android:orientation="vertical"  
 android:paddingHorizontal="10dp"  
 android:paddingVertical="5dp">  
  
 <TextView  
 android:id="@+id/txtTitle"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_centerHorizontal="true"  
 android:singleLine="true"  
 android:text="Title"  
 android:textAppearance="?android:attr/textAppearanceSmall"  
 android:textColor="@android:color/black"  
 android:textSize="10dp"  
 android:textStyle="bold" />  
  
 <LinearLayout  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:orientation="horizontal">  
  
 <TextView  
 android:id="@+id/square1"  
 android:layout\_width="10dp"  
 android:layout\_height="10dp"  
 android:layout\_gravity="center\_vertical"  
 android:layout\_marginRight="2dp"  
 android:background="@android:color/black"  
 android:singleLine="true"  
 android:textAppearance="?android:attr/textAppearanceSmall"  
 android:textColor="@android:color/black" />  
  
 <TextView  
 android:id="@+id/item1"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_centerHorizontal="true"  
 android:singleLine="true"  
 android:text="Item 1"  
 android:textAppearance="?android:attr/textAppearanceSmall"  
 android:textColor="@android:color/black"  
 android:textSize="10dp" />  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:orientation="horizontal">  
  
 <TextView  
 android:id="@+id/square2"  
 android:layout\_width="10dp"  
 android:layout\_height="10dp"  
 android:layout\_gravity="center\_vertical"  
 android:layout\_marginRight="2dp"  
 android:background="@android:color/black"  
 android:singleLine="true"  
 android:textAppearance="?android:attr/textAppearanceSmall"  
 android:textColor="@android:color/black" />  
  
 <TextView  
 android:id="@+id/item2"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_centerHorizontal="true"  
 android:singleLine="true"  
 android:text="Item 2"  
 android:textAppearance="?android:attr/textAppearanceSmall"  
 android:textColor="@android:color/black"  
 android:textSize="10dp" />  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:orientation="horizontal">  
  
 <TextView  
 android:id="@+id/square3"  
 android:layout\_width="10dp"  
 android:layout\_height="10dp"  
 android:layout\_gravity="center\_vertical"  
 android:layout\_marginRight="2dp"  
 android:background="@android:color/black"  
 android:singleLine="true"  
 android:textAppearance="?android:attr/textAppearanceSmall"  
 android:textColor="@android:color/black" />  
  
 <TextView  
 android:id="@+id/item3"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_centerHorizontal="true"  
 android:singleLine="true"  
 android:text="Item 3"  
 android:textAppearance="?android:attr/textAppearanceSmall"  
 android:textColor="@android:color/black"  
 android:textSize="10dp" />  
 </LinearLayout>  
  
</LinearLayout>

1. src\main\res\values\colors.xml

*<!--?xml version="1.0" encoding="UTF-8"?-->*<resources>  
 <color name="primaryColor">#293453</color>  
 <color name="primaryLightColor">#545d80</color>  
 <color name="primaryDarkColor">#000d2a</color>  
 <color name="secondaryColor">#6ed57e</color>  
 <color name="secondaryLightColor">#a1ffae</color>  
 <color name="secondaryDarkColor">#39a350</color>  
 <color name="primaryTextColor">#ffffff</color>  
 <color name="secondaryTextColor">#000000</color>  
  
  
</resources>

1. src\main\res\values\themes.xml

<resources xmlns:tools="http://schemas.android.com/tools">  
 *<!-- Base application theme. -->* <style name="Theme.RAIS" parent="Theme.MaterialComponents.DayNight.NoActionBar">  
 *<!-- Primary brand color. -->* <item name="colorPrimary">@color/primaryColor</item>  
 <item name="colorPrimaryVariant">@color/primaryDarkColor</item>  
 <item name="colorOnPrimary">@color/primaryLightColor</item>  
 *<!-- Secondary brand color. -->* <item name="colorSecondary">@color/secondaryColor</item>  
 <item name="colorSecondaryVariant">@color/secondaryDarkColor</item>  
 <item name="colorOnSecondary">@color/secondaryLightColor</item>  
  
 *<!-- Status bar color. -->* <item name="android:statusBarColor" tools:targetApi="l">?attr/colorPrimaryVariant</item>  
 *<!-- Customize your theme here. -->* </style>  
</resources>

1. build.gradle

plugins {  
 id 'com.android.application'  
}  
  
android {  
 compileSdkVersion 30  
 buildToolsVersion "30.0.3"  
  
 defaultConfig {  
 applicationId "com.sonisuciadi.rais"  
 minSdkVersion 26  
 targetSdkVersion 30  
 versionCode 1  
 versionName "1.0"  
  
 testInstrumentationRunner "androidx.test.runner.AndroidJUnitRunner"  
 }  
  
 buildTypes {  
 release {  
 minifyEnabled false  
 proguardFiles getDefaultProguardFile('proguard-android-optimize.txt'), 'proguard-rules.pro'  
 }  
 }  
 compileOptions {  
 sourceCompatibility JavaVersion.VERSION\_1\_8  
 targetCompatibility JavaVersion.VERSION\_1\_8  
 }  
}  
  
dependencies {  
 compile 'me.dm7.barcodescanner:zxing:1.9'  
 implementation 'com.squareup.retrofit2:retrofit:2.9.0'  
 implementation 'com.squareup.retrofit2:converter-gson:2.9.0'  
 implementation 'androidx.swiperefreshlayout:swiperefreshlayout:1.1.0'  
 implementation "androidx.swiperefreshlayout:swiperefreshlayout:1.2.0-alpha01"  
 implementation 'androidx.appcompat:appcompat:1.2.0'  
 implementation 'com.google.android.material:material:1.3.0'  
 implementation 'com.github.PhilJay:MPAndroidChart:v3.1.0'  
 implementation 'androidx.constraintlayout:constraintlayout:2.0.4'  
 testImplementation 'junit:junit:4.+'  
 implementation 'com.github.jrizani:JRSpinner:1.1.1'  
 implementation 'com.github.roiacult:BackdropLayout:1.0'  
 androidTestImplementation 'androidx.test.ext:junit:1.1.2'  
 androidTestImplementation 'androidx.test.espresso:espresso-core:3.3.0'  
 implementation'com.google.code.gson:gson:2.8.5'  
 implementation 'androidx.swiperefreshlayout:swiperefreshlayout:1.2.0-alpha01'  
}