

APLIKASI ACTSPOT (M-ABSENSI)

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Android MySQL Project

Kadek Diva Krishna Murti & Chandra Kirana Poetra
D4 Teknik Informatika, Politeknik Pos Indonesia



Kreatif Industri Nusantara

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Hak cipta dilindungi undang-undang

Dilarang memperbanyak karya tulis ini dalam bentuk dan dengan cara
apapun tanpa ijin tertulis dari penerbit

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

Sepatah kata dari Kaprodi, Kabag Kemahasiswaan dan Mahasiswa

KATA PENGANTAR

Buku ini diciptakan bagi yang awam dengan pemrograman Android sekalipun.

D. K. MURTI & C. K. POETRA

*Bandung, Jawa Barat
Januari, 2020*

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D. K. M. & C. K. P.

ACRONYMS

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

GLOSSARY

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

SYMBOLS

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

- \mathcal{B} Number of Beats

INTRODUCTION

KADEK DIVA KRISHNA MURTI & CHANDRA KIRANA POETRA

D4 Teknik Informatika

Politeknik Pos Indonesia

Bandung, Jawa Barat, Indonesia

BAB 1

API

1.1 API

Perintah navigasi direktori

```
1 <?php
2 define('hostname','localhost');
3 define('user','himatifp-actspot');
4 define('password','actspot2019');
5 define('db_name','himatifp-actspot');
6 ?>
```

```
1 <?php
2 require_once 'config.php';
3 class Connection
4 {
5     private $connect;
6     function __construct()
7     {
8         $this->connect = mysqli_connect(hostname, user, password,
9         db_name) or die("DB Connection error.");
10    }
11    public function get_connection()
```



```

11     {
12         return $this->connect;
13     }
14 }
15 ?>

```

```

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

```

```

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

```

```

1 <?php
2 include('mahasiswa.php');
3 header('Content-Type: application/json');
4 $m = new Mahasiswa();
5 if (isset($_POST['id_intern'], $_POST['id_mahasiswa'], $_POST['id_dosen'], $_POST['latitude_absensi'], $_POST['longitude_absensi'], $_POST['imei_perangkat'], $_POST['id_kegiatan'], $_FILES['foto_absensi']['name'], $_POST['tgl_waktu']))) {
6     $id_intern = $_POST['id_intern'];
7     $id_mahasiswa = $_POST['id_mahasiswa'];
8     $id_dosen = $_POST['id_dosen'];
9     $latitude_absensi = $_POST['latitude_absensi'];
10    $longitude_absensi = $_POST['longitude_absensi'];
11    $imei_perangkat = $_POST['imei_perangkat'];
12    $id_kegiatan = $_POST['id_kegiatan'];
13    $tgl_waktu = $_POST['tgl_waktu'];
14    $foto_absensi = $_FILES['foto_absensi']['name'];

```

```

15 $temp_foto_absensi = $_FILES['foto_absensi']['tmp_name'];
16
17 $dir_absensi = "../images/absensi/";
18
19 if (!empty($id_intern) && !empty($id_mahasiswa) && !empty($id_dosen) && !empty($latitude_absensi)
20 && !empty($longitude_absensi) && !empty($imei_perangkat) && !
21 empty($id_kegiatan) && !empty($tgl_waktu)
22 && !empty($foto_absensi)) {
23     $take_absensi = $m->ambil_absensi($id_intern, $id_mahasiswa,
24     $id_dosen, $latitude_absensi, $longitude_absensi, $imei_perangkat
25     , $id_kegiatan, $foto_absensi, $tgl_waktu);
26     if ($take_absensi) {
27         $upload = move_uploaded_file($temp_foto_absensi,
28         $dir_absensi.$foto_absensi);
29         if (!$upload) {
30             $json['status'] = 400;
31             $json['message'] = 'Gambar gagal terupload';
32             echo json_encode($json);
33         }
34     } else {
35         $json['status'] = 100;
36         $json['message'] = 'Field tidak boleh kosong';
37         echo json_encode($json);
38     }
39 } else {
40     $json['status'] = 100;
41     $json['message'] = 'Field tidak boleh kosong';
42     echo json_encode($json);
43 }

```

```

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

```

```

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

```

```

18     echo json_encode($json);
19 }

```

```

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

```

```

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

```

```

39         }
40     }
41 }
42 } else {
43     $json['status'] = 100;
44     $json['message'] = 'Field tidak boleh kosongs';
45     echo json_encode($json);
46 }
47 } else {
48     $json['status'] = 100;
49     $json['message'] = 'Field tidak boleh kosong';
50     echo json_encode($json);
51 }

```

```

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

```

```

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

```

17 ?>

```

1 <?php
2 include('mahasiswa.php');
3 header('Content-Type: application/json');
4 $m = new Mahasiswa();
5
6 $id_mahasiswa = $_POST['id_mahasiswa'];
7 if (isset($_POST['username'])) $username = $_POST['username'];
8 if (isset($_POST['nama'])) $nama = $_POST['nama'];
9 if (isset($_POST['kelas'])) $kelas = $_POST['kelas'];
10 if (isset($_POST['angkatan'])) $angkatan = $_POST['angkatan'];
11 if (isset($_POST['kontak'])) $kontak = $_POST['kontak'];
12 if (isset($_POST['password'])) $password = $_POST['password'];
13
14 if (isset($_FILES['foto']['name'])){
15     $foto = $_FILES['foto']['name'];
16     $temp_foto = $_FILES['foto']['tmp_name'];
17
18     $dir_mahasiswa = "../images/mahasiswa/";
19 }
20
21 if (!empty($id_mahasiswa) && !empty($username)) {
22     $m->ubah_username($id_mahasiswa, $username);
23 } elseif (!empty($id_mahasiswa) && !empty($nama)) {
24     $m->ubah_nama($id_mahasiswa, $nama);
25 } elseif (!empty($id_mahasiswa) && !empty($kelas)) {
26     $m->ubah_kelas($id_mahasiswa, $kelas);
27 } elseif (!empty($id_mahasiswa) && !empty($angkatan)) {
28     $m->ubah_angkatan($id_mahasiswa, $angkatan);
29 } elseif (!empty($id_mahasiswa) && !empty($kontak)) {
30     $m->ubah_kontak($id_mahasiswa, $kontak);
31 } elseif (!empty($id_mahasiswa) && !empty($password)) {
32     $m->ubah_password($id_mahasiswa, $password);
33 } elseif (!empty($id_mahasiswa) && !empty($foto)) {
34     $result = $m->ubah_foto($id_mahasiswa, $foto);
35     if ($result) {
36         $upload = move_uploaded_file($temp_foto, $dir_mahasiswa.$foto);
37     }
38     if (!$upload) {
39         $json['status'] = 400;
40         $json['message'] = 'Gambar gagal terupload';
41         echo json_encode($json);
42     }
43 } else {
44     $json['status'] = 100;
45     $json['message'] = 'Field tidak boleh kosong';
46     echo json_encode($json);
47 }

```

```

1 <?php
2 include('../conn.php');
3 header('Content-Type: application/json');
4 class Mahasiswa
5 {

```

```

6     private $db;
7     private $connection;
8     public function __construct()
9     {
10         $this->db = new Connection();
11         $this->connection = $this
12             ->db
13             ->get_connection();
14     }
15
16     public function ambil_absensi($id_intern, $id_mahasiswa,
17     $id_dosen, $latitude_absensi, $longitude_absensi, $imei_perangkat
18     , $id_kegiatan, $foto_absensi, $tgl_waktu)
19     {
20         $query = "INSERT INTO absensi(id_intern_absensi,
21     id_mahasiswa_absensi, id_dosen_absensi,
22     latitude_absensi, longitude_absensi, imei_perangkat_absensi,
23     id_kegiatan_absensi,
24     foto_absensi, tgl_waktu_absensi) VALUES ('$id_intern', '$
25     $id_mahasiswa',
26     '$id_dosen', '$latitude_absensi', '$longitude_absensi', '$
27     $imei_perangkat', '$id_kegiatan',
28     '$foto_absensi', '$tgl_waktu')";
29
30         $result = mysqli_query($this->connection, $query);
31
32         if ($result)
33         {
34             $json['status'] = 200;
35             $json['message'] = 'Berhasil melakukan absensi';
36             echo json_encode($json);
37             mysqli_close($this->connection);
38             return true;
39         }
40         else
41         {
42             $json['status'] = 400;
43             $json['message'] = 'Gagal melakukan absensi';
44             echo json_encode($json);
45             mysqli_close($this->connection);
46             return false;
47         }
48     }
49
50     public function list_kegiatan()
51     {
52         $query = "SELECT * FROM kegiatan";
53
54         $result = mysqli_query($this->connection, $query);
55         if (mysqli_num_rows($result) > 0)
56         {
57             $datas = array();
58
59             while ($row = mysqli_fetch_array($result))
60             {
61                 $datas[] = array(

```

```

56         "id_kegiatan" => $row['id_kegiatan'],
57         "nama_kegiatan" => $row['nama_kegiatan']
58     );
59 }
60
61 $json['status'] = 200;
62 $json['message'] = 'Berhasil mengambil data';
63 $json['data'] = $datas;
64
65 echo json_encode($json);
66 mysqli_close($this->connection);
67 }
68 else
69 {
70     $json['status'] = 400;
71     $json['message'] = 'Gagal mengambil data';
72     echo json_encode($json);
73     mysqli_close($this->connection);
74 }
75 }
76
77 public function list_pembimbing()
78 {
79     $query = "SELECT * FROM pembimbing-perusahaan";
80
81     $result = mysqli_query($this->connection, $query);
82     if (mysqli_num_rows($result) > 0)
83     {
84         $datas = array();
85
86         while ($row = mysqli_fetch_array($result))
87         {
88             $datas[] = array(
89                 "id_pembimbing" => $row['id_pembimbing'],
90                 "nama_pembimbing" => $row['nama_pembimbing'],
91                 "nama_perusahaan" => $row['
nama_perusahaan-perusahaan']
92             );
93         }
94
95         $json['status'] = 200;
96         $json['message'] = 'Berhasil mengambil data';
97         $json['data'] = $datas;
98
99         echo json_encode($json);
100        mysqli_close($this->connection);
101    }
102    else
103    {
104        $json['status'] = 400;
105        $json['message'] = 'Gagal mengambil data';
106        echo json_encode($json);
107        mysqli_close($this->connection);
108    }
109 }
110

```

```

111 public function get_distance($id_pembimbing)
112 {
113     $query = "SELECT lat_pembimbing_perusahaan ,
114 long_pembimbing_perusahaan FROM pembimbing_perusahaan";
115     $result = mysqli_query($this->connection, $query);
116     $row = mysqli_fetch_array($result);
117     $data = array(
118         "lat" => $row['lat_pembimbing_perusahaan'],
119         "lon" => $row['long_pembimbing_perusahaan']
120     );
121     if ($result)
122     {
123         return $data;
124     }
125     else
126     {
127         return false;
128     }
129 }
130 public function registrasi_perusahaan($id_intern, $id_mahasiswa,
131 $id_pembimbing, $latitude_perusahaan, $longitude_perusahaan,
132 $foto_perusahaan)
133 {
134     $query = "UPDATE detail_intern SET id_pembimbing_dt_intern='
135 $id_pembimbing', latitude_perusahaan='$latitude_perusahaan',
136 longitude_perusahaan='$longitude_perusahaan',
137 foto_perusahaan='$foto_perusahaan'
138 WHERE id_intern_dt_intern = '$id_intern' AND
139 id_mahasiswa_dt_intern = '$id_mahasiswa' ";
140
141     $result = mysqli_query($this->connection, $query);
142
143     if ($this
144         ->connection->affected_rows > 0 && $result)
145     {
146         $json['status'] = 200;
147         $json['message'] = 'Berhasil melakukan registrasi
148 perusahaan';
149         echo json_encode($json);
150         mysqli_close($this->connection);
151         return true;
152     }
153     else
154     {
155         $json['status'] = 400;
156         $json['message'] = 'Gagal melakukan registrasi perusahaan
157 ';
158         echo json_encode($json);
159         mysqli_close($this->connection);
160         return false;
161     }
162 }
163
164 public function progress_mahasiswa($id_intern, $id_mahasiswa,
165 $sort)

```



```

158 {
159     $query = "SET @rank=0;";
160     mysqli_query($this->connection, $query);
161
162     switch ($sort)
163     {
164         case 'hari':
165             $query1 = "
166                 SELECT @rank:=@rank+1 AS rank, DAYOFYEAR(
167                     tgl_waktu_absensi) as date, ROUND(COUNT(*) / 3 * 100, 2)
168                     as percent FROM absensi WHERE id_intern_absensi=
169                     $id_intern AND id_mahasiswa_absensi = '$id_mahasiswa'
170                     GROUP BY DAYOFYEAR(tgl_waktu_absensi) ORDER BY rank ASC";
171
172             $result1 = mysqli_query($this->connection, $query1);
173             if (mysqli_num_rows($result1) > 0)
174             {
175                 $datas = array();
176                 while ($row = mysqli_fetch_array($result1))
177                 {
178                     $datas[] = array(
179                         "sort" => "Hari ke-" . $row['rank'],
180                         "persen" => $row['percent']
181                     );
182                 }
183
184                 $json['status'] = 201;
185                 $json['message'] = 'Berhasil mengambil data';
186                 $json['data'] = $datas;
187
188                 echo json_encode($json);
189                 mysqli_close($this->connection);
190             }
191             elseif (mysqli_num_rows($result1) == 0)
192             {
193                 $json['status'] = 300;
194                 $json['message'] = 'Data tidak ada';
195                 // $json['data'] = [];
196                 echo json_encode($json);
197                 mysqli_close($this->connection);
198             }
199             else
200             {
201                 $json['status'] = 400;
202                 $json['message'] = 'Gagal mengambil data';
203
204                 echo json_encode($json);
205                 mysqli_close($this->connection);
206             }
207             break;
208             case 'minggu':
209                 $query2 = "
210                     SELECT @rank:=@rank+1 AS rank, WEEK('tgl_waktu_absensi
211                     ',1) as week, ROUND(COUNT(*) / 21 * 100, 2)
212                     as percent FROM 'absensi' WHERE 'id_intern_absensi' =
213                     $id_intern AND 'id_mahasiswa_absensi' = '$id_mahasiswa'

```

```

210 GROUP BY WEEK('tgl_waktu_absensi ') ORDER BY rank ASC";
211 $result2 = mysqli_query($this->connection, $query2);
212 if (mysqli_num_rows($result2) > 0)
213 {
214     $datas = array();
215
216     while ($row = mysqli_fetch_array($result2))
217     {
218         $datas[] = array(
219             "sort" => "Minggu ke-" . $row['rank'],
220             "persen" => $row['percent']
221         );
222     }
223
224     $json['status'] = 202;
225     $json['message'] = 'Berhasil mengambil data';
226     $json['data'] = $datas;
227
228     echo json_encode($json);
229     mysqli_close($this->connection);
230 }
231 elseif (mysqli_num_rows($result2) == 0)
232 {
233     $json['status'] = 300;
234     $json['message'] = 'Data tidak ada';
235     // $json['data'] = [];
236     echo json_encode($json);
237     mysqli_close($this->connection);
238 }
239 else
240 {
241     $json['status'] = 400;
242     $json['message'] = 'Gagal mengambil data';
243
244     echo json_encode($json);
245     mysqli_close($this->connection);
246 }
247 break;
248 case 'bulan':
249     $query3 = "
250     SELECT @rank:=@rank+1 AS rank, MONTH(
251     tgl_waktu_absensi) as month, ROUND(COUNT(*) / 90 * 100, 2)
252     as percent FROM absensi WHERE id_intern_absensi=
253     $id_intern AND id_mahasiswa_absensi = '$id_mahasiswa'
254     GROUP BY MONTH(tgl_waktu_absensi) ORDER BY rank ASC";
255     $result3 = mysqli_query($this->connection, $query3);
256     if (mysqli_num_rows($result3) > 0)
257     {
258         $datas = array();
259
260         while ($row = mysqli_fetch_array($result3))
261         {
262             $datas[] = array(
263                 "sort" => "Bulan ke-" . $row['rank'],
264                 "persen" => $row['percent']
265             );

```

```

264     }
265
266     $json['status'] = 203;
267     $json['message'] = 'Berhasil mengambil data';
268     $json['data'] = $datas;
269
270     echo json_encode($json);
271     mysqli_close($this->connection);
272 }
273 elseif (mysqli_num_rows($result3) == 0)
274 {
275     $json['status'] = 300;
276     $json['message'] = 'Data tidak ada';
277     // $json['data'] = [];
278     echo json_encode($json);
279     mysqli_close($this->connection);
280 }
281 else
282 {
283     $json['status'] = 400;
284     $json['message'] = 'Gagal mengambil data';
285
286     echo json_encode($json);
287     mysqli_close($this->connection);
288 }
289 break;
290 }
291 }
292
293 public function progress_mahasiswa_perhari($id_intern ,
294 $id_mahasiswa , $tgl)
295 {
296     $query = "SELECT tgl_waktu_absensi , nama_kegiatan ,
297 foto_absensi , pergeseran_absensi
298 FROM absensi
299 INNER JOIN detail_absensi ON absensi.id_absensi =
300 detail_absensi.id_absensi_dt_absensi
301 INNER JOIN kegiatan ON absensi.id_kegiatan_absensi = kegiatan
302 .id_kegiatan
303 WHERE id_intern_absensi =' $id_intern ' AND
304 id_mahasiswa_absensi =' $id_mahasiswa ' AND
305 DATE(' tgl_waktu_absensi ') = ' $tgl '";
306 $result = mysqli_query($this->connection , $query);
307 if (mysqli_num_rows($result) > 0)
308 {
309     $datas = array();
310
311     while ($row = mysqli_fetch_array($result))
312     {
313         $datas[] = array(
314             "tgl_waktu" => $row[' tgl_waktu_absensi '],
315             "kegiatan" => $row[' nama_kegiatan '],
316             "foto_absensi" => $row[' foto_absensi '],
317             "pergeseran" => $row[' pergeseran_absensi ']
318         );
319     }
320 }

```

```

315         $json['status'] = 200;
316         $json['message'] = 'Berhasil mengambil data';
317         $json['data'] = $datas;
318
319
320         echo json_encode($json);
321         mysqli_close($this->connection);
322     }
323     elseif (mysqli_num_rows($result) == 0)
324     {
325         $json['status'] = 300;
326         $json['message'] = 'Data tidak ada';
327         // $json['data'] = [];
328         echo json_encode($json);
329         mysqli_close($this->connection);
330     }
331     else
332     {
333         $json['status'] = $query;
334         $json['message'] = 'Gagal mengambil data';
335
336         echo json_encode($json);
337         mysqli_close($this->connection);
338     }
339 }
340
341 public function login_mahasiswa($user, $pass)
342 {
343     $query = "SELECT id_intern, id_mahasiswa, username, password,
344         nama_mahasiswa, kelas_mahasiswa,
345         angkatan_mahasiswa, foto_mahasiswa, nama_prodi, id_dosen,
346         nama_dosen, nama_perusahaan_perusahaan as nama_perusahaan,
347         status_perusahaan, id_pembimbing_dt_intern as id_pembimbing
348         FROM user
349         INNER JOIN mahasiswa ON user.id_user = mahasiswa.id_mahasiswa
350         INNER JOIN prodi ON mahasiswa.id_prodi_mahasiswa = prodi.
351         id_prodi
352         INNER JOIN detail_intern ON user.id_user = detail_intern.
353         id_mahasiswa_dt_intern
354         INNER JOIN intern ON detail_intern.id_intern_dt_intern =
355         intern.id_intern
356         INNER JOIN dosen ON detail_intern.id_dosen_dt_intern = dosen.
357         id_dosen
358         INNER JOIN pembimbing_perusahaan ON pembimbing_perusahaan.
359         id_pembimbing = detail_intern.id_pembimbing_dt_intern
360         WHERE username='$user' AND password='$pass' AND user.
361         role_user='mahasiswa'
362         AND user.status_user='aktif' AND status_intern = 'berjalan'";
363
364     $result = mysqli_query($this->connection, $query);
365     $row = mysqli_fetch_array($result);
366     $id_intern = $row['id_intern'];
367     if (mysqli_num_rows($result) > 0 && ($row['id_pembimbing'] !=
368     "" || $row['id_pembimbing'] != null) && $row['status_perusahaan'
369     ] == "diterima")
370     {

```

```

361
362     $query = "SELECT id_intern_dt_intern as id_intern ,
id_mahasiswa , username , password , nama_mahasiswa , kelas_mahasiswa
,
    angkatan_mahasiswa , foto_mahasiswa , nama_prodi , id_dosen ,
    nama_dosen , nama_perusahaan_perusahaan as nama_perusahaan ,
364     status_perusahaan , nama_pembimbing ,
id_pembimbing_dt_intern as id_pembimbing FROM user
365     INNER JOIN mahasiswa
366     ON user.id_user = mahasiswa.id_mahasiswa
367     INNER JOIN prodi
368     ON mahasiswa.id_prodi_mahasiswa = prodi.id_prodi
369     INNER JOIN detail_intern
370     ON user.id_user = detail_intern.id_mahasiswa_dt_intern
371     INNER JOIN intern ON detail_intern.id_intern_dt_intern =
intern.id_intern
372     INNER JOIN dosen
373     ON detail_intern.id_dosen_dt_intern = dosen.id_dosen
374     INNER JOIN pembimbing_perusahaan ON pembimbing_perusahaan
.id_pembimbing = detail_intern.id_pembimbing_dt_intern
375     WHERE username=' $user ' AND password=' $pass ' AND user .
role_user='mahasiswa'
376     AND user.status_user='aktif' AND status_intern = '
berjalan' ";

377     $result = mysqli_query($this->connection , $query);
378     $row = mysqli_fetch_array($result);
379
380
381     $data = array(
382         "id_intern" => $id_intern ,
383         "id_mahasiswa" => $row['id_mahasiswa'],
384         "username" => $row['username'],
385         "password" => $row['password'],
386         "nama_mahasiswa" => $row['nama_mahasiswa'],
387         "kelas_mahasiswa" => $row['kelas_mahasiswa'],
388         "angkatan_mahasiswa" => $row['angkatan_mahasiswa'],
389         "foto_mahasiswa" => $row['foto_mahasiswa'],
390         "nama_prodi" => $row['nama_prodi'],
391         "id_dosen" => $row['id_dosen'],
392         "nama_dosen" => $row['nama_dosen'],
393         "nama_pembimbing" => $row['nama_pembimbing'],
394         "nama_perusahaan" => $row['nama_perusahaan']
395     );

396
397     $json['status'] = 201;
398     $json['message'] = 'Login berhasil';
399     $json['data'] = $data;
400
401     echo json_encode($json);
402     mysqli_close($this->connection);
403 }
404 elseif (mysqli_num_rows($result) > 0 && ($row['id_pembimbing'
] != "" || $row['id_pembimbing'] != null) && ($row['
status_perusahaan'] == "" || $row['status_perusahaan'] == null))
405     {
406         $data = array(

```

```

407         "id_intern" => $id_intern ,
408         "id_mahasiswa" => $row['id_mahasiswa'],
409         "username" => $row['username'],
410         "password" => $row['password'],
411         "nama_mahasiswa" => $row['nama_mahasiswa'],
412         "kelas_mahasiswa" => $row['kelas_mahasiswa'],
413         "angkatan_mahasiswa" => $row['angkatan_mahasiswa'],
414         "foto_mahasiswa" => $row['foto_mahasiswa'],
415         "nama_prodi" => $row['nama_prodi'],
416         "id_dosen" => $row['id_dosen'],
417         "nama_dosen" => $row['nama_dosen'],
418         "nama_perusahaan" => $row['nama_perusahaan']
419     );
420
421     $json['status'] = 203;
422     $json['message'] = 'Login berhasil';
423     $json['data'] = $data;
424
425     echo json_encode($json);
426     mysqli_close($this->connection);
427 }
428 else
429 {
430     $query = "SELECT id_intern_dt_intern as id_intern ,
id_mahasiswa, username, password, nama_mahasiswa, kelas_mahasiswa
,
    angkatan_mahasiswa, foto_mahasiswa, nama_prodi, id_dosen ,
    nama_dosen, kode_otp ,
    status_perusahaan , id_pembimbing_dt_intern as
id_pembimbing FROM user INNER JOIN mahasiswa
ON user.id_user = mahasiswa.id_mahasiswa INNER JOIN prodi
ON mahasiswa.id_prodi_mahasiswa = prodi.id_prodi INNER
JOIN detail_intern
ON user.id_user = detail_intern.id_mahasiswa_dt_intern
INNER JOIN intern ON detail_intern.id_intern_dt_intern =
intern.id_intern
INNER JOIN dosen
ON detail_intern.id_dosen_dt_intern = dosen.id_dosen
WHERE username='User' AND password='$pass' AND user.
role_user='mahasiswa'
AND user.status_user='aktif' AND status_intern = '
berjalan'";
441
442     $result = mysqli_query($this->connection, $query);
443     $row = mysqli_fetch_array($result);
444     if (mysqli_num_rows($result) > 0 && ($row['id_pembimbing'
] == "" || $row['id_pembimbing'] == null) && ($row['
status_perusahaan'] == "" || $row['status_perusahaan'] == null)
&& $row['kode_otp'] == '-')
    {
445         $data = array(
446             "id_intern" => $id_intern ,
447             "id_mahasiswa" => $row['id_mahasiswa'],
448             "username" => $row['username'],
449             "password" => $row['password'],
450             "nama_mahasiswa" => $row['nama_mahasiswa'],

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452         "kelas_mahasiswa" => $row['kelas_mahasiswa'],
453         "angkatan_mahasiswa" => $row['angkatan_mahasiswa'],
454     ],
455     "foto_mahasiswa" => $row['foto_mahasiswa'],
456     "nama_prodi" => $row['nama_prodi'],
457     "id_dosen" => $row['id_dosen'],
458     "nama_dosen" => $row['nama_dosen']
459 );
460 $json['status'] = 202;
461 $json['message'] = 'Login berhasil';
462 $json['data'] = $data;
463
464     echo json_encode($json);
465     mysqli_close($this->connection);
466 }
467 else
468 {
469
470     $json['status'] = 400;
471     $json['message'] = 'Username dan password salah';
472     echo json_encode($json);
473     mysqli_close($this->connection);
474 }
475 }
476 }
477
478 public function registrasi_mahasiswa($kode_otp)
479 {
480     $query = "SELECT kode_otp FROM mahasiswa WHERE kode_otp = '
481     $kode_otp'";
482
483     $result = mysqli_query($this->connection, $query);
484     $row = mysqli_fetch_array($result);
485     if (mysqli_num_rows($result) > 0)
486     {
487         $query = "UPDATE mahasiswa SET kode_otp='-' WHERE
488         kode_otp='$kode_otp'";
489
490         $result = mysqli_query($this->connection, $query);
491         if ($this
492             ->connection->affected_rows > 0 && $result)
493         {
494             $json['status'] = 200;
495             $json['message'] = 'Registrasi berhasil';
496
497             echo json_encode($json);
498             mysqli_close($this->connection);
499         }
500         else
501         {
502             $json['status'] = 400;
503             $json['message'] = 'Registrasi gagal';
504             echo json_encode($json);

```

```

505         mysqli_close($this->connection);
506     }
507 }
508 else
509 {
510
511     $json['status'] = 400;
512     $json['message'] = 'Registrasi gagal';
513     echo json_encode($json);
514     mysqli_close($this->connection);
515 }
516 }
517
518 public function list-notifikasi($id_intern, $id_mahasiswa)
519 {
520
521     $query = "SELECT id_intern, nama_pembimbing, pesan_notifikasi
522 , nama_perusahaan_perusahaan, tgl_waktu_notifikasi FROM
523 notifikasi
524 INNER JOIN pembimbing_perusahaan ON id_pembimbing =
525 id_pembimbing_notifikasi
526 INNER JOIN mahasiswa ON id_mahasiswa = id_mahasiswa_notifikasi
527 INNER JOIN intern ON id_intern = id_intern_notifikasi
528 WHERE id_mahasiswa_notifikasi='$id_mahasiswa' AND
529 id_intern_notifikasi='$id_intern' ORDER BY tgl_waktu_notifikasi
530 DESC";
531
532     $result = mysqli_query($this->connection, $query);
533
534     if (mysqli_num_rows($result) > 0)
535     {
536         $datas = array();
537
538         $kalimat1 = "melakukan absensi pada";
539         $kalimat2 = "mengkonfirmasi absensi";
540         $kalimat3 = "mendaftar ke perusahaan";
541         $kalimat4 = "mengkonfirmasi pendaftaran";
542
543         while ($row = mysqli_fetch_array($result))
544         {
545             $pesan = "";
546             if (preg_match("~\b" . $row['pesan_notifikasi'] . "\b
547 ~", $kalimat1))
548             {
549                 $pesan = "Anda " . $row['pesan_notifikasi'];
550             }
551             elseif (preg_match("~\b" . $row['pesan_notifikasi'] .
552 "\b~", $kalimat2))
553             {
554                 $pesan = ucwords(($row['nama_pembimbing'])) . " "
555 . $row['pesan_notifikasi'] . " Anda pada";
556             }
557             elseif (preg_match("~\b" . $row['pesan_notifikasi'] .
558 "\b~", $kalimat3))
559             {

```



```

551     $pesan = "Anda " . $row['pesan_notifikasi'] . " "
    . ucwords(($row['nama_perusahaan_perusahaan'])) . " pada";
552     }
553     elseif (preg_match("~\b" . $row['pesan_notifikasi'] .
    "\b~", $kalimat4))
554     {
555         $pesan = ucwords(($row['nama_pembimbing'])) . " "
    . $row['pesan_notifikasi'] . " Anda pada";
556     }
557
558     $datas[] = array(
559         "id_intern" => $row['id_intern'],
560         "pesan" => $pesan . " " . date_format(date_create
    ($row['tgl_waktu_notifikasi']), 'd F Y \p\u\k\u\l G:i A') ,
561         "tgl_waktu" => $row['tgl_waktu_notifikasi']
562     );
563
564 }
565
566 $json['status'] = 200;
567 $json['message'] = 'Berhasil mengambil notifikasi';
568 $json['data'] = $datas;
569
570 echo json_encode($json);
571 mysqli_close($this->connection);
572 }
573 elseif (mysqli_num_rows($result) == 0)
574 {
575     $json['status'] = 300;
576     $json['message'] = 'Notifikasi tidak ada';
577
578     echo json_encode($json);
579     mysqli_close($this->connection);
580 }
581 else
582 {
583     $json['status'] = 400;
584     $json['message'] = 'Gagal mengambil notifikasi';
585     echo json_encode($json);
586     mysqli_close($this->connection);
587 }
588 }
589
590 public function ubah_username($id_mahasiswa, $username)
591 {
592     $query = "UPDATE user SET username='$username' WHERE id_user
    ='$id_mahasiswa'";
593
594     $result = mysqli_query($this->connection, $query);
595
596     if ($this
597         ->connection->affected_rows > 0 && $result)
598     {
599         $json['status'] = 200;
600         $json['message'] = 'Username berhasil diubah';
601         echo json_encode($json);

```

```

602         mysqli_close($this->connection);
603     }
604     else
605     {
606         $json['status'] = 400;
607         $json['message'] = 'Username gagal diubah';
608         echo json_encode($json);
609         mysqli_close($this->connection);
610     }
611 }
612
613 public function ubah_nama($id_mahasiswa, $nama)
614 {
615     $query = "UPDATE mahasiswa SET nama_mahasiswa='$nama' WHERE
id_mahasiswa='$id_mahasiswa'";
616
617     $result = mysqli_query($this->connection, $query);
618
619     if ($this
->connection->affected_rows > 0 && $result)
620     {
621         $json['status'] = 200;
622         $json['message'] = 'Nama berhasil diubah';
623         echo json_encode($json);
624         mysqli_close($this->connection);
625     }
626     else
627     {
628         $json['status'] = 400;
629         $json['message'] = 'Nama gagal diubah';
630         echo json_encode($json);
631         mysqli_close($this->connection);
632     }
633 }
634
635 public function ubah_kelas($id_mahasiswa, $kelas)
636 {
637     $query = "UPDATE mahasiswa SET kelas_mahasiswa='$kelas' WHERE
id_mahasiswa='$id_mahasiswa'";
638
639     $result = mysqli_query($this->connection, $query);
640
641     if ($this
->connection->affected_rows > 0 && $result)
642     {
643         $json['status'] = 200;
644         $json['message'] = 'Nama berhasil diubah';
645         echo json_encode($json);
646         mysqli_close($this->connection);
647     }
648     else
649     {
650         $json['status'] = 400;
651         $json['message'] = 'Nama gagal diubah';
652         echo json_encode($json);
653         mysqli_close($this->connection);
654     }
655 }

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```
656     }
657 }
658
659 public function ubah_angkatan($id_mahasiswa , $angkatan)
660 {
661     $query = "UPDATE mahasiswa SET angkatan_mahasiswa='$angkatan'
662     WHERE id_mahasiswa='$id_mahasiswa'";
663
664     $result = mysqli_query($this->connection , $query);
665
666     if ($this
667         ->connection->affected_rows > 0 && $result)
668     {
669         $json['status'] = 200;
670         $json['message'] = 'Nama berhasil diubah';
671         echo json_encode($json);
672         mysqli_close($this->connection);
673     }
674     else
675     {
676         $json['status'] = 400;
677         $json['message'] = 'Nama gagal diubah';
678         echo json_encode($json);
679         mysqli_close($this->connection);
680     }
681 }
682
683 public function ubah_kontak($id_mahasiswa , $kontak)
684 {
685     $query = "UPDATE mahasiswa SET kontak_mahasiswa='$kontak'
686     WHERE id_mahasiswa='$id_mahasiswa'";
687
688     $result = mysqli_query($this->connection , $query);
689
690     if ($this
691         ->connection->affected_rows > 0 && $result)
692     {
693         $json['status'] = 200;
694         $json['message'] = 'Kontak berhasil diubah';
695         echo json_encode($json);
696         mysqli_close($this->connection);
697     }
698     else
699     {
700         $json['status'] = 400;
701         $json['message'] = 'Kontak gagal diubah';
702         echo json_encode($json);
703         mysqli_close($this->connection);
704     }
705 }
706
707 public function ubah_foto($id_mahasiswa , $foto)
708 {
709     $query = "UPDATE mahasiswa SET foto_mahasiswa='$foto' WHERE
710     id_mahasiswa='$id_mahasiswa'";
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```

709     $result = mysqli_query($this->connection , $query);
710
711     if ($this
712         ->connection->affected_rows > 0 && $result)
713     {
714         $json['status'] = 200;
715         $json['message'] = 'Foto berhasil diubah';
716         echo json_encode($json);
717         mysqli_close($this->connection);
718         return true;
719     }
720     else
721     {
722         $json['status'] = 400;
723         $json['message'] = 'Foto gagal diubah';
724         echo json_encode($json);
725         mysqli_close($this->connection);
726         return false;
727     }
728 }
729
730 public function ubah-password($id_mahasiswa , $password)
731 {
732     $query = "UPDATE user SET password='$password' WHERE id-user
733     ='$id_mahasiswa'";
734
735     $result = mysqli_query($this->connection , $query);
736
737     if ($this
738         ->connection->affected_rows > 0 && $result)
739     {
740         $json['status'] = 200;
741         $json['message'] = 'Password berhasil diubah';
742         echo json_encode($json);
743         mysqli_close($this->connection);
744     }
745     else
746     {
747         $json['status'] = 400;
748         $json['message'] = 'Password gagal diubah';
749         echo json_encode($json);
750         mysqli_close($this->connection);
751     }
752 }
753
754 public function distance($lat1 , $lon1 , $lat2 , $lon2)
755 {
756     if (($lat1 == $lat2) && ($lon1 == $lon2))
757     {
758         return 0;
759     }
760     else
761     {
762         $theta = $lon1 - $lon2;
763         $dist = sin(deg2rad($lat1)) * sin(deg2rad($lat2)) + cos(
764         deg2rad($lat1)) * cos(deg2rad($lat2)) * cos(deg2rad($theta));

```

```

763         $dist = acos($dist);
764         $dist = rad2deg($dist);
765         $miles = $dist * 60 * 1.1515;
766
767         return ($miles * 1.609344) * 1000;
768     }
769 }
770 }

```

```

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

```

```

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

```

```

1 <?php
2 include('dosen.php');
3 header('Content-Type: application/json');
4 $d = new Dosen();
5 if (isset($_POST['id_dosen'])) {
6     $id_dosen = $_POST['id_dosen'];
7     if (!empty($id_dosen)) {
8         $d->list_notifikasi($id_dosen);
9     } else {
10        $json['status'] = 100;

```

```

11         $json['message'] = 'Field tidak boleh kosong';
12         echo json_encode($json);
13     }
14 } else {
15     $json['status'] = 100;
16     $json['message'] = 'Field tidak boleh kosong';
17     echo json_encode($json);
18 }
19 ?>

```

```

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

```

```

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

```

```

1 <?php
2 include('dosen.php');
3 header('Content-Type: application/json');
4 $d = new Dosen();
5
6 $id_dosen = $_POST['id_dosen'];
7 if (isset($_POST['username'])) $username = $_POST['username'];

```

```

8  if (isset($_POST['nama'])) $nama = $_POST['nama'];
9  if (isset($_POST['kontak'])) $kontak = $_POST['kontak'];
10 if (isset($_POST['password'])) $password = $_POST['password'];
11
12 if (isset($_FILES['foto']['name'])){
13     $foto = $_FILES['foto']['name'];
14     $temp_foto = $_FILES['foto']['tmp_name'];
15
16     $dir_dosen = "../images/dosen/";
17 }
18
19 if (!empty($id_dosen) && !empty($username)) {
20     $d->ubah_username($id_dosen, $username);
21 } elseif (!empty($id_dosen) && !empty($nama)) {
22     $d->ubah_nama($id_dosen, $nama);
23 } elseif (!empty($id_dosen) && !empty($kontak)) {
24     $d->ubah_kontak($id_dosen, $kontak);
25 } elseif (!empty($id_dosen) && !empty($password)) {
26     $d->ubah_password($id_dosen, $password);
27 } elseif (!empty($id_dosen) && !empty($foto)) {
28     $result = $d->ubah_foto($id_dosen, $foto);
29     if ($result) {
30         $upload = move_uploaded_file($temp_foto, $dir_dosen.$foto);
31         if (!$upload) {
32             $json['status'] = 400;
33             $json['message'] = 'Gambar gagal terupload';
34             echo json_encode($json);
35         }
36     }
37 } else {
38     $json['status'] = 100;
39     $json['message'] = 'Field tidak boleh kosong';
40     echo json_encode($json);
41 }

```

```

1  <?php
2  include('../conn.php');
3  header('Content-Type: application/json');
4  class Dosen
5  {
6      private $db;
7      private $connection;
8      public function __construct()
9      {
10         $this->db = new Connection();
11         $this->connection = $this->db->get_connection();
12     }
13
14     public function list_mahasiswa($id_dosen)
15     {
16         $query = "SELECT id_mahasiswa, nama_perusahaan-perusahaan,
17             lama_internship, nama_mahasiswa, foto_mahasiswa,
18             angkatan_mahasiswa, foto_perusahaan, kelas_mahasiswa,
19             foto_mahasiswa, nama_prodi,

```

```

18     nama_pembimbing, lat_pembimbing_perusahaan,
long_pembimbing_perusahaan, id_intern, COUNT(
id_mahasiswa_dt_absensi) as jumlah_absensi
19     FROM detail_intern
20     INNER JOIN intern ON detail_intern.id_intern_dt_intern =
intern.id_intern
21     INNER JOIN pembimbing_perusahaan ON detail_intern.
id_pembimbing_dt_intern = pembimbing_perusahaan.id_pembimbing
22     INNER JOIN mahasiswa ON detail_intern.id_mahasiswa_dt_intern
= mahasiswa.id_mahasiswa
23     INNER JOIN prodi ON mahasiswa.id_prodi_mahasiswa= prodi.
id_prodi
24     INNER JOIN detail_absensi ON detail_intern.
id_mahasiswa_dt_intern = detail_absensi.id_mahasiswa_dt_absensi
25     WHERE id_dosen_dt_intern = '$id_dosen' AND status_intern = '
berjalan'';

26
27     $result = mysqli_query($this->connection, $query);
28     if (mysqli_num_rows($result) > 0) {
29         $datas = array();
30
31         while ($row = mysqli_fetch_array($result)) {
32             $datas[] = array(
33                 "id_intern" => $row['id_intern'],
34                 "id_mahasiswa" => $row['id_mahasiswa'],
35                 "nama_perusahaan" => ucwords($row['
nama_perusahaan_perusahaan']),
36                 "nama_mahasiswa" => ucwords($row['nama_mahasiswa']),
37                 "foto_mahasiswa" => $row['foto_mahasiswa'],
38                 "angkatan_mahasiswa" => $row['angkatan_mahasiswa'],
39                 "foto_perusahaan" => $row['foto_perusahaan'],
40                 "kelas_mahasiswa" => strtoupper($row['kelas_mahasiswa
']),
41                 "foto_mahasiswa" => $row['foto_mahasiswa'],
42                 "nama_prodi" => ucwords($row['nama_prodi']),
43                 "nama_pembimbing" => ucwords($row['nama_pembimbing'])
,
44                 "latitude_perusahaan" => $row['
lat_pembimbing_perusahaan'],
45                 "longitude_perusahaan" => $row['
long_pembimbing_perusahaan'],
46                 "presentase_internship" => round($row['jumlah_absensi
']/ $row['lama_internship']*100,1)
47             );
48         }
49
50         $json['status'] = 200;
51         $json['message'] = 'Berhasil mengambil mahasiswa';
52         $json['data'] = $datas;
53
54         echo json_encode($json);
55         mysqli_close($this->connection);
56     } elseif (mysqli_num_rows($result) == 0) {
57         $json['status'] = 300;
58         $json['message'] = 'Mahasiswa tidak ada';
59

```



```

60         echo json_encode($json);
61         mysqli_close($this->connection);
62     } else {
63         $json['status'] = 400;
64         $json['message'] = 'Gagal mengambil mahasiswa';
65         echo json_encode($json);
66         mysqli_close($this->connection);
67     }
68 }
69
70 public function login_dosen($user, $pass)
71 {
72     $query = "SELECT
73         username, password, id_dosen, nama_dosen, foto_dosen,
74         id_intern, nama_prodi
75         FROM user
76         INNER JOIN dosen ON user.id_user = dosen.id_dosen
77         INNER JOIN detail_intern ON user.id_user = detail_intern.
78         id_dosen_dt_intern
79         INNER JOIN intern ON detail_intern.id_intern_dt_intern =
80         intern.id_intern
81         INNER JOIN prodi ON dosen.id_prodi_dosen = prodi.id_prodi
82         WHERE username = '$user' AND password = '$pass' AND
83         status_user='aktif' AND role_user='dosen'";
84
85     $result = mysqli_query($this->connection, $query);
86
87     $row = mysqli_fetch_array($result);
88     if (mysqli_num_rows($result) > 0) {
89         $data = array(
90             "username" => $row['username'],
91             "password" => $row['password'],
92             "id_dosen" => $row['id_dosen'],
93             "nama_dosen" => ucwords($row['nama_dosen']),
94             "foto_dosen" => $row['foto_dosen'],
95             "nama_prodi" => ucwords($row['nama_prodi'])
96         );
97
98         $json['status'] = 200;
99         $json['message'] = 'Berhasil melakukan login';
100         $json['data'] = $data;
101
102         echo json_encode($json);
103         mysqli_close($this->connection);
104     } elseif (mysqli_num_rows($result) == 0) {
105         $json['status'] = 300;
106         $json['message'] = 'Username atau password salah';
107
108         echo json_encode($json);
109         mysqli_close($this->connection);
110     } else {
111         $json['status'] = 400;
112         $json['message'] = 'Gagal melakukan login';
113
114         echo json_encode($json);

```

```

112         mysqli_close($this->connection);
113     }
114 }
115
116 public function progress_mahasiswa($id_intern, $id_mahasiswa,
117 $sort)
118 {
119     $query = "SET @rank=0;";
120     mysqli_query($this->connection, $query);
121     switch ($sort) {
122         case 'hari':
123             $query1 = "
124             SELECT @rank:=@rank+1 AS rank, DAYOFYEAR(
125             tgl_waktu_absensi) as date, ROUND(COUNT(*) / 3 * 100, 2)
126             as percent FROM absensi WHERE id_intern_absensi='
127             $id_intern' AND id_mahasiswa_absensi = '$id_mahasiswa'
128             GROUP BY DAYOFYEAR(tgl_waktu_absensi) ORDER BY rank ASC";
129             $result1 = mysqli_query($this->connection, $query1);
130             if (mysqli_num_rows($result1) > 0) {
131                 $datas = array();
132
133                 while ($row = mysqli_fetch_array($result1)) {
134                     $datas[] = array(
135                         "sort" => "Hari ke-". $row['rank'],
136                         "persen" => $row['percent']
137                     );
138                 }
139
140                 $json['status'] = 201;
141                 $json['message'] = 'Berhasil mengambil progress';
142                 $json['data'] = $datas;
143
144                 echo json_encode($json);
145                 mysqli_close($this->connection);
146             } elseif (mysqli_num_rows($result1) == 0) {
147                 $json['status'] = 300;
148                 $json['message'] = 'Progress tidak ada';
149                 // $json['data'] = [];
150
151                 echo json_encode($json);
152                 mysqli_close($this->connection);
153             } else {
154                 $json['status'] = 400;
155                 $json['message'] = 'Gagal mengambil progress';
156                 echo json_encode($json);
157                 mysqli_close($this->connection);
158             }
159         break;
160         case 'minggu':
161             $query2 = "
162             SELECT @rank:=@rank+1 AS rank, WEEK(tgl_waktu_absensi,1)
163             as week, ROUND(COUNT(*) / 21 * 100, 2)
164             as percent FROM absensi WHERE id_intern_absensi='
165             $id_intern' AND id_mahasiswa_absensi = '$id_mahasiswa'
166             GROUP BY WEEK(tgl_waktu_absensi) ORDER BY rank ASC";
167             $result2 = mysqli_query($this->connection, $query2);

```

```

163         if (mysqli_num_rows($result2) > 0) {
164             $datas = array();
165
166             while ($row = mysqli_fetch_array($result2)) {
167                 $datas[] = array(
168                     "sort" => "Minggu ke—" . $row['rank'],
169                     "persen" => $row['percent']
170                 );
171             }
172
173             $json['status'] = 202;
174             $json['message'] = 'Berhasil mengambil progress';
175             $json['data'] = $datas;
176
177             echo json_encode($json);
178             mysqli_close($this->connection);
179         } elseif (mysqli_num_rows($result2) == 0) {
180             $json['status'] = 300;
181             $json['message'] = 'Progress tidak ada';
182
183             echo json_encode($json);
184             mysqli_close($this->connection);
185         } else {
186             $json['status'] = 400;
187             $json['message'] = 'Gagal mengambil progress';
188             echo json_encode($json);
189             mysqli_close($this->connection);
190         }
191         break;
192         case 'bulan':
193             $query3 = "
194             SELECT @rank:=@rank+1 AS rank, MONTH(
195             tgl_waktu_absensi) as month, ROUND(COUNT(*) / 90 * 100, 2)
196             as percent FROM absensi WHERE id_intern_absensi='
197             $id_intern' AND id_mahasiswa_absensi = '$id_mahasiswa'
198             GROUP BY MONTH(tgl_waktu_absensi) ORDER BY rank ASC";
199             $result3 = mysqli_query($this->connection, $query3);
200             if (mysqli_num_rows($result3) > 0) {
201                 $datas = array();
202
203                 while ($row = mysqli_fetch_array($result3)) {
204                     $datas[] = array(
205                         "sort" => "Bulan ke—" . $row['rank'],
206                         "persen" => $row['percent']
207                     );
208                 }
209
210                 $json['status'] = 203;
211                 $json['message'] = 'Berhasil mengambil progress';
212                 $json['data'] = $datas;
213
214                 echo json_encode($json);
215                 mysqli_close($this->connection);
216             } elseif (mysqli_num_rows($result3) == 0) {
217                 $json['status'] = 300;
218                 $json['message'] = 'Progress tidak ada';

```

```

217         echo json_encode($json);
218         mysqli_close($this->connection);
219     } else {
220         $json['status'] = 400;
221         $json['message'] = 'Gagal mengambil progress';
222         echo json_encode($json);
223         mysqli_close($this->connection);
224     }
225     break;
226 }
227 }
228 }
229
230 public function progress_mahasiswa_perhari($id_intern ,
231 $id_mahasiswa , $tgl)
232 {
233     $query = "SELECT id_absensi , tgl_waktu_absensi ,
234 nama_kegiatan , foto_absensi , pergeseran_absensi
235 FROM absensi
236 INNER JOIN detail_absensi ON absensi.id_absensi =
237 detail_absensi.id_absensi_dt_absensi
238 INNER JOIN kegiatan ON absensi.id_kegiatan_absensi = kegiatan
239 .id_kegiatan
240 WHERE id_intern_absensi =' $id_intern ' AND
241 id_mahasiswa_absensi =' $id_mahasiswa ' AND
242 DATE(tgl_waktu_absensi) = ' $tgl '";
243 $result = mysqli_query($this->connection , $query);
244 if (mysqli_num_rows($result) > 0) {
245     $datas = array();
246
247     while ($row = mysqli_fetch_array($result)) {
248         $datas[] = array(
249             "id_absensi" => $row['id_absensi'],
250             "tgl_waktu" => $row['tgl_waktu_absensi'],
251             "kegiatan" => ucfirst($row['nama_kegiatan']),
252             "foto_absensi" => $row['foto_absensi'],
253             "pergeseran" => $row['pergeseran_absensi']. " M"
254         );
255     }
256
257     $json['status'] = 200;
258     $json['message'] = 'Berhasil mengambil progress harian';
259     $json['data'] = $datas;
260
261     echo json_encode($json);
262     mysqli_close($this->connection);
263 } elseif (mysqli_num_rows($result) == 0) {
264     $json['status'] = 300;
265     $json['message'] = 'Progress harian tidak ada';
266
267     echo json_encode($json);
268     mysqli_close($this->connection);
269 } else {
270     $json['status'] = 400;
271     $json['message'] = 'Gagal mengambil progress harian';
272     echo json_encode($json);

```

```

268         mysqli_close($this->connection);
269     }
270 }
271
272 public function list_notifikasi($id_dosen){
273
274     $query = "SELECT id_intern , nama_mahasiswa , nama_pembimbing ,
275     nama_perusahaan_perusahaan , pesan_notifikasi ,
276     tgl_waktu_notifikasi FROM notifikasi INNER JOIN
277     pembimbing_perusahaan ON id_pembimbing = id_pembimbing_notifikasi
278     INNER JOIN mahasiswa ON id_mahasiswa = id_mahasiswa_notifikasi
279     INNER JOIN intern ON id_intern = id_intern_notifikasi WHERE
280     id_dosen_notifikasi='$id_dosen' AND status_intern='berjalan'
281     ORDER BY tgl_waktu_notifikasi DESC ";
282
283     $result = mysqli_query($this->connection , $query);
284
285     if (mysqli_num_rows($result) > 0) {
286         $datas = array();
287
288         $kalimat1 = "melakukan absensi pada";
289         $kalimat2 = "mengkonfirmasi absensi";
290         $kalimat3 = "mendaftar ke perusahaan";
291         $kalimat4 = "mengkonfirmasi pendaftaran";
292
293         while ($row = mysqli_fetch_array($result)) {
294             $pesan = "";
295             if(preg_match("~\b". $row[ 'pesan_notifikasi' ]. "\b~" ,
296 $kalimat1)){
297                 $pesan = ucwords($row[ 'nama_mahasiswa' ]). " ". $row
298 [ 'pesan_notifikasi' ];
299             }elseif(preg_match("~\b". $row[ 'pesan_notifikasi' ]. "\b
300 ~" , $kalimat2)){
301                 $pesan = ucwords($row[ 'nama_pembimbing' ]). " ".
302 $row[ 'pesan_notifikasi' ]. " ". ucwords($row[ 'nama_mahasiswa' ]). "
303 pada";
304             }elseif(preg_match("~\b". $row[ 'pesan_notifikasi' ]. "\b
305 ~" , $kalimat3)){
306                 $pesan = ucwords(( $row[ 'nama_mahasiswa' ] ) ). " ".
307 $row[ 'pesan_notifikasi' ]. " ". ucwords($row[ '
308 nama_perusahaan_perusahaan' ]). " pada";
309             }elseif(preg_match("~\b". $row[ 'pesan_notifikasi' ]. "\b
310 ~" , $kalimat4)){
311                 $pesan = ucwords($row[ 'nama_pembimbing' ]). " ".
312 $row[ 'pesan_notifikasi' ]. " ". ucwords($row[ 'nama_mahasiswa' ]). "
313 pada";
314             }
315
316             $datas[] = array(
317                 "id_intern" => $row[ 'id_intern' ] ,
318                 "pesan" => $pesan . " ". date_format( date_create($row[ '
319 tgl_waktu_notifikasi' ] ) , 'd F Y \p\u\k\u\l G:i A' ) ,
320                 "tgl_waktu" => $row[ 'tgl_waktu_notifikasi' ]
321             );
322         }
323     }

```

```

305     }
306
307     $json['status'] = 200;
308     $json['message'] = 'Berhasil mengambil notifikasi';
309     $json['data'] = $datas;
310
311     echo json_encode($json);
312     mysqli_close($this->connection);
313 } elseif (mysqli_num_rows($result) == 0) {
314     $json['status'] = 300;
315     $json['message'] = 'Notifikasi tidak ada';
316
317     echo json_encode($json);
318     mysqli_close($this->connection);
319 } else {
320     $json['status'] = 400;
321     $json['message'] = 'Gagal mengambil notifikasi';
322     echo json_encode($json);
323     mysqli_close($this->connection);
324 }
325 }
326
327 public function ubah_username($id_dosen, $username){
328     $query = "UPDATE user SET username='$username' WHERE id_user
329     ='$id_dosen'";
330
331     $result = mysqli_query($this->connection, $query);
332
333     if ($this->connection->affected_rows > 0 && $result) {
334         $json['status'] = 200;
335         $json['message'] = 'Username berhasil diubah';
336         echo json_encode($json);
337         mysqli_close($this->connection);
338     } else {
339         $json['status'] = 400;
340         $json['message'] = 'Username gagal diubah';
341         echo json_encode($json);
342         mysqli_close($this->connection);
343     }
344 }
345
346 public function ubah_nama($id_dosen, $nama){
347     $query = "UPDATE dosen SET nama.dosen='$nama' WHERE id_dosen
348     ='$id_dosen'";
349
350     $result = mysqli_query($this->connection, $query);
351
352     if ($this->connection->affected_rows > 0 && $result) {
353         $json['status'] = 200;
354         $json['message'] = 'Nama berhasil diubah';
355         echo json_encode($json);
356         mysqli_close($this->connection);
357     } else {
358         $json['status'] = 400;
359         $json['message'] = 'Nama berhasil diubah';
360         echo json_encode($json);

```

```

359         mysqli_close($this->connection);
360     }
361 }
362
363 public function ubah_kontak($id_dosen, $kontak){
364     $query = "UPDATE dosen SET kontak_dosen='$kontak' WHERE
id_dosen='$id_dosen'";
365
366     $result = mysqli_query($this->connection, $query);
367
368     if ($this->connection->affected_rows > 0 && $result) {
369         $json['status'] = 200;
370         $json['message'] = 'Kontak berhasil diubah';
371         echo json_encode($json);
372         mysqli_close($this->connection);
373     } else {
374         $json['status'] = 400;
375         $json['message'] = 'Kontak gagal diubah';
376         echo json_encode($json);
377         mysqli_close($this->connection);
378     }
379 }
380
381 public function ubah_foto($id_dosen, $foto){
382     $query = "UPDATE dosen SET foto_dosen='$foto' WHERE id_dosen
='$id_dosen'";
383
384     $result = mysqli_query($this->connection, $query);
385
386     if ($this->connection->affected_rows > 0 && $result) {
387         $json['status'] = 200;
388         $json['message'] = 'Foto berhasil diubah';
389         echo json_encode($json);
390         mysqli_close($this->connection);
391         return true;
392     } else {
393         $json['status'] = 400;
394         $json['message'] = 'Foto gagal diubah';
395         echo json_encode($json);
396         mysqli_close($this->connection);
397         return false;
398     }
399 }
400
401 public function ubah_password($id_dosen, $password){
402     $query = "UPDATE user SET password='$password' WHERE id_user
='$id_dosen'";
403
404     $result = mysqli_query($this->connection, $query);
405
406     if ($this->connection->affected_rows > 0 && $result) {
407         $json['status'] = 200;
408         $json['message'] = 'Password berhasil diubah';
409         echo json_encode($json);
410         mysqli_close($this->connection);
411     } else {

```

```
412     $json['status'] = 400;
413     $json['message'] = 'Password gagal diubah';
414     echo json_encode($json);
415     mysqli_close($this->connection);
416 }
417 }
418 }
```


BAB 2

MOBILE

2.1 Perintah Navigasi

Perintah navigasi direktori

BAB 3

WEBSITE

3.1 API

Perintah navigasi direktori

```
1 <?php
2 define('hostname','localhost');
3 define('user','himatifp-actspot');
4 define('password','actspot2019');
5 define('db_name','himatifp-actspot');
6 ?>
```

```
1 <?php
2 require_once 'config.php';
3 class Connection
4 {
5     private $connect;
6     function __construct()
7     {
8         $this->connect = mysqli_connect(hostname, user, password,
9         db_name) or die("DB Connection error.");
10    }
11    public function get_connection()
```

```

11     {
12         return $this->connect;
13     }
14 }
15 ?>

```

```

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

```

```

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

```

```

1 <?php
2 include('mahasiswa.php');
3 header('Content-Type: application/json');
4 $m = new Mahasiswa();
5 if (isset($_POST['id_intern'], $_POST['id_mahasiswa'], $_POST['id_dosen'], $_POST['latitude_absensi'], $_POST['longitude_absensi'], $_POST['imei_perangkat'], $_POST['id_kegiatan'], $_FILES['foto_absensi']['name'], $_POST['tgl_waktu']))) {
6     $id_intern = $_POST['id_intern'];
7     $id_mahasiswa = $_POST['id_mahasiswa'];
8     $id_dosen = $_POST['id_dosen'];
9     $latitude_absensi = $_POST['latitude_absensi'];
10    $longitude_absensi = $_POST['longitude_absensi'];
11    $imei_perangkat = $_POST['imei_perangkat'];
12    $id_kegiatan = $_POST['id_kegiatan'];
13    $tgl_waktu = $_POST['tgl_waktu'];
14    $foto_absensi = $_FILES['foto_absensi']['name'];

```

```

15 $temp_foto_absensi = $_FILES['foto_absensi']['tmp_name'];
16
17 $dir_absensi = "../images/absensi/";
18
19 if (!empty($id_intern) && !empty($id_mahasiswa) && !empty(
20     $id_dosen) && !empty($latitude_absensi)
21     && !empty($longitude_absensi) && !empty($imei_perangkat) && !
22     empty($id_kegiatan) && !empty($tgl_waktu)
23     && !empty($foto_absensi)) {
24     $take_absensi = $m->ambil_absensi($id_intern, $id_mahasiswa,
25     $id_dosen, $latitude_absensi, $longitude_absensi, $imei_perangkat
26     , $id_kegiatan, $foto_absensi, $tgl_waktu);
27     if ($take_absensi) {
28         $upload = move_uploaded_file($temp_foto_absensi,
29         $dir_absensi.$foto_absensi);
30         if (!$upload) {
31             $json['status'] = 400;
32             $json['message'] = 'Gambar gagal terupload';
33             echo json_encode($json);
34         }
35     } else {
36         $json['status'] = 100;
37         $json['message'] = 'Field tidak boleh kosong';
38         echo json_encode($json);
39     }
40 } else {
41     $json['status'] = 100;
42     $json['message'] = 'Field tidak boleh kosong';
43     echo json_encode($json);
44 }

```

```

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

```

```

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

```

```

18     echo json_encode($json);
19 }

```

```

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

```

```

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

```

```

39         }
40     }
41 }
42 } else {
43     $json['status'] = 100;
44     $json['message'] = 'Field tidak boleh kosongs';
45     echo json_encode($json);
46 }
47 } else {
48     $json['status'] = 100;
49     $json['message'] = 'Field tidak boleh kosong';
50     echo json_encode($json);
51 }

```

```

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

```

```

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

```


17 ?>

```

1 <?php
2 include('mahasiswa.php');
3 header('Content-Type: application/json');
4 $m = new Mahasiswa();
5
6 $id_mahasiswa = $_POST['id_mahasiswa'];
7 if (isset($_POST['username'])) $username = $_POST['username'];
8 if (isset($_POST['nama'])) $nama = $_POST['nama'];
9 if (isset($_POST['kelas'])) $kelas = $_POST['kelas'];
10 if (isset($_POST['angkatan'])) $angkatan = $_POST['angkatan'];
11 if (isset($_POST['kontak'])) $kontak = $_POST['kontak'];
12 if (isset($_POST['password'])) $password = $_POST['password'];
13
14 if (isset($_FILES['foto']['name'])){
15     $foto = $_FILES['foto']['name'];
16     $temp_foto = $_FILES['foto']['tmp_name'];
17
18     $dir_mahasiswa = "../images/mahasiswa/";
19 }
20
21 if (!empty($id_mahasiswa) && !empty($username)) {
22     $m->ubah_username($id_mahasiswa, $username);
23 } elseif (!empty($id_mahasiswa) && !empty($nama)) {
24     $m->ubah_nama($id_mahasiswa, $nama);
25 } elseif (!empty($id_mahasiswa) && !empty($kelas)) {
26     $m->ubah_kelas($id_mahasiswa, $kelas);
27 } elseif (!empty($id_mahasiswa) && !empty($angkatan)) {
28     $m->ubah_angkatan($id_mahasiswa, $angkatan);
29 } elseif (!empty($id_mahasiswa) && !empty($kontak)) {
30     $m->ubah_kontak($id_mahasiswa, $kontak);
31 } elseif (!empty($id_mahasiswa) && !empty($password)) {
32     $m->ubah_password($id_mahasiswa, $password);
33 } elseif (!empty($id_mahasiswa) && !empty($foto)) {
34     $result = $m->ubah_foto($id_mahasiswa, $foto);
35     if ($result) {
36         $upload = move_uploaded_file($temp_foto, $dir_mahasiswa.$foto);
37     }
38     if (!$upload) {
39         $json['status'] = 400;
40         $json['message'] = 'Gambar gagal terupload';
41         echo json_encode($json);
42     }
43 } else {
44     $json['status'] = 100;
45     $json['message'] = 'Field tidak boleh kosong';
46     echo json_encode($json);
47 }

```

```

1 <?php
2 include('../conn.php');
3 header('Content-Type: application/json');
4 class Mahasiswa
5 {

```

```

6     private $db;
7     private $connection;
8     public function __construct()
9     {
10         $this->db = new Connection();
11         $this->connection = $this
12             ->db
13             ->get_connection();
14     }
15
16     public function ambil_absensi($id_intern, $id_mahasiswa,
17     $id_dosen, $latitude_absensi, $longitude_absensi, $imei_perangkat
18     , $id_kegiatan, $foto_absensi, $tgl_waktu)
19     {
20         $query = "INSERT INTO absensi(id_intern_absensi,
21     id_mahasiswa_absensi, id_dosen_absensi,
22     latitude_absensi, longitude_absensi, imei_perangkat_absensi,
23     id_kegiatan_absensi,
24     foto_absensi, tgl_waktu_absensi) VALUES ('$id_intern', '$
25     $id_mahasiswa',
26     '$id_dosen', '$latitude_absensi', '$longitude_absensi', '$
27     $imei_perangkat', '$id_kegiatan',
28     '$foto_absensi', '$tgl_waktu')";
29
30         $result = mysqli_query($this->connection, $query);
31
32         if ($result)
33         {
34             $json['status'] = 200;
35             $json['message'] = 'Berhasil melakukan absensi';
36             echo json_encode($json);
37             mysqli_close($this->connection);
38             return true;
39         }
40         else
41         {
42             $json['status'] = 400;
43             $json['message'] = 'Gagal melakukan absensi';
44             echo json_encode($json);
45             mysqli_close($this->connection);
46             return false;
47         }
48     }
49
50     public function list_kegiatan()
51     {
52         $query = "SELECT * FROM kegiatan";
53
54         $result = mysqli_query($this->connection, $query);
55         if (mysqli_num_rows($result) > 0)
56         {
57             $datas = array();
58
59             while ($row = mysqli_fetch_array($result))
60             {
61                 $datas[] = array(

```

```

56         "id_kegiatan" => $row['id_kegiatan'],
57         "nama_kegiatan" => $row['nama_kegiatan']
58     );
59 }
60
61 $json['status'] = 200;
62 $json['message'] = 'Berhasil mengambil data';
63 $json['data'] = $datas;
64
65 echo json_encode($json);
66 mysqli_close($this->connection);
67 }
68 else
69 {
70     $json['status'] = 400;
71     $json['message'] = 'Gagal mengambil data';
72     echo json_encode($json);
73     mysqli_close($this->connection);
74 }
75 }
76
77 public function list_pembimbing()
78 {
79     $query = "SELECT * FROM pembimbing-perusahaan";
80
81     $result = mysqli_query($this->connection, $query);
82     if (mysqli_num_rows($result) > 0)
83     {
84         $datas = array();
85
86         while ($row = mysqli_fetch_array($result))
87         {
88             $datas[] = array(
89                 "id_pembimbing" => $row['id_pembimbing'],
90                 "nama_pembimbing" => $row['nama_pembimbing'],
91                 "nama_perusahaan" => $row['
nama_perusahaan-perusahaan']
92             );
93         }
94
95         $json['status'] = 200;
96         $json['message'] = 'Berhasil mengambil data';
97         $json['data'] = $datas;
98
99         echo json_encode($json);
100        mysqli_close($this->connection);
101    }
102    else
103    {
104        $json['status'] = 400;
105        $json['message'] = 'Gagal mengambil data';
106        echo json_encode($json);
107        mysqli_close($this->connection);
108    }
109 }
110

```

```

111 public function get_distance($id_pembimbing)
112 {
113     $query = "SELECT lat_pembimbing_perusahaan ,
114 long_pembimbing_perusahaan FROM pembimbing_perusahaan";
115     $result = mysqli_query($this->connection, $query);
116     $row = mysqli_fetch_array($result);
117     $data = array(
118         "lat" => $row['lat_pembimbing_perusahaan'],
119         "lon" => $row['long_pembimbing_perusahaan']
120     );
121     if ($result)
122     {
123         return $data;
124     }
125     else
126     {
127         return false;
128     }
129 }
130 public function registrasi_perusahaan($id_intern, $id_mahasiswa,
131 $id_pembimbing, $latitude_perusahaan, $longitude_perusahaan,
132 $foto_perusahaan)
133 {
134     $query = "UPDATE detail_intern SET id_pembimbing_dt_intern='
135 $id_pembimbing', latitude_perusahaan='$latitude_perusahaan',
136 longitude_perusahaan='$longitude_perusahaan',
137 foto_perusahaan='$foto_perusahaan'
138 WHERE id_intern_dt_intern = '$id_intern' AND
139 id_mahasiswa_dt_intern = '$id_mahasiswa' ";
140
141     $result = mysqli_query($this->connection, $query);
142
143     if ($this
144         ->connection->affected_rows > 0 && $result)
145     {
146         $json['status'] = 200;
147         $json['message'] = 'Berhasil melakukan registrasi
148 perusahaan';
149         echo json_encode($json);
150         mysqli_close($this->connection);
151         return true;
152     }
153     else
154     {
155         $json['status'] = 400;
156         $json['message'] = 'Gagal melakukan registrasi perusahaan
157 ';
158         echo json_encode($json);
159         mysqli_close($this->connection);
160         return false;
161     }
162 }
163
164 public function progress_mahasiswa($id_intern, $id_mahasiswa,
165 $sort)

```

```

158 {
159     $query = "SET @rank=0;";
160     mysqli_query($this->connection, $query);
161
162     switch ($sort)
163     {
164         case 'hari':
165             $query1 = "
166                 SELECT @rank:=@rank+1 AS rank, DAYOFYEAR(
167                 tgl_waktu_absensi) as date, ROUND(COUNT(*) / 3 * 100, 2)
168                 as percent FROM absensi WHERE id_intern_absensi=
169                 $id_intern AND id_mahasiswa_absensi = '$id_mahasiswa'
170                 GROUP BY DAYOFYEAR(tgl_waktu_absensi) ORDER BY rank ASC";
171
172             $result1 = mysqli_query($this->connection, $query1);
173             if (mysqli_num_rows($result1) > 0)
174             {
175                 $datas = array();
176                 while ($row = mysqli_fetch_array($result1))
177                 {
178                     $datas[] = array(
179                         "sort" => "Hari ke—" . $row['rank'],
180                         "persen" => $row['percent']
181                     );
182                 }
183
184                 $json['status'] = 201;
185                 $json['message'] = 'Berhasil mengambil data';
186                 $json['data'] = $datas;
187
188                 echo json_encode($json);
189                 mysqli_close($this->connection);
190             }
191             elseif (mysqli_num_rows($result1) == 0)
192             {
193                 $json['status'] = 300;
194                 $json['message'] = 'Data tidak ada';
195                 // $json['data'] = [];
196                 echo json_encode($json);
197                 mysqli_close($this->connection);
198             }
199             else
200             {
201                 $json['status'] = 400;
202                 $json['message'] = 'Gagal mengambil data';
203
204                 echo json_encode($json);
205                 mysqli_close($this->connection);
206             }
207             break;
208             case 'minggu':
209                 $query2 = "
210                     SELECT @rank:=@rank+1 AS rank, WEEK('tgl_waktu_absensi
211                     ',1) as week, ROUND(COUNT(*) / 21 * 100, 2)
212                     as percent FROM 'absensi' WHERE 'id_intern_absensi' =
213                     $id_intern AND 'id_mahasiswa_absensi' = '$id_mahasiswa'

```

```

210 GROUP BY WEEK('tgl_waktu_absensi') ORDER BY rank ASC";
211 $result2 = mysqli_query($this->connection, $query2);
212 if (mysqli_num_rows($result2) > 0)
213 {
214     $datas = array();
215
216     while ($row = mysqli_fetch_array($result2))
217     {
218         $datas[] = array(
219             "sort" => "Minggu ke-" . $row['rank'],
220             "persen" => $row['percent']
221         );
222     }
223
224     $json['status'] = 202;
225     $json['message'] = 'Berhasil mengambil data';
226     $json['data'] = $datas;
227
228     echo json_encode($json);
229     mysqli_close($this->connection);
230 }
231 elseif (mysqli_num_rows($result2) == 0)
232 {
233     $json['status'] = 300;
234     $json['message'] = 'Data tidak ada';
235     // $json['data'] = [];
236     echo json_encode($json);
237     mysqli_close($this->connection);
238 }
239 else
240 {
241     $json['status'] = 400;
242     $json['message'] = 'Gagal mengambil data';
243
244     echo json_encode($json);
245     mysqli_close($this->connection);
246 }
247 break;
248 case 'bulan':
249     $query3 = "
250     SELECT @rank:=@rank+1 AS rank, MONTH(
251     tgl_waktu_absensi) as month, ROUND(COUNT(*) / 90 * 100, 2)
252     as percent FROM absensi WHERE id_intern_absensi=
253     $id_intern AND id_mahasiswa_absensi = '$id_mahasiswa'
254     GROUP BY MONTH(tgl_waktu_absensi) ORDER BY rank ASC";
255     $result3 = mysqli_query($this->connection, $query3);
256     if (mysqli_num_rows($result3) > 0)
257     {
258         $datas = array();
259
260         while ($row = mysqli_fetch_array($result3))
261         {
262             $datas[] = array(
263                 "sort" => "Bulan ke-" . $row['rank'],
264                 "persen" => $row['percent']
265             );

```

```

264     }
265
266     $json['status'] = 203;
267     $json['message'] = 'Berhasil mengambil data';
268     $json['data'] = $datas;
269
270     echo json_encode($json);
271     mysqli_close($this->connection);
272 }
273 elseif (mysqli_num_rows($result3) == 0)
274 {
275     $json['status'] = 300;
276     $json['message'] = 'Data tidak ada';
277     // $json['data'] = [];
278     echo json_encode($json);
279     mysqli_close($this->connection);
280 }
281 else
282 {
283     $json['status'] = 400;
284     $json['message'] = 'Gagal mengambil data';
285
286     echo json_encode($json);
287     mysqli_close($this->connection);
288 }
289 break;
290 }
291 }
292
293 public function progress_mahasiswa_perhari($id_intern ,
294 $id_mahasiswa , $tgl)
295 {
296     $query = "SELECT tgl_waktu_absensi , nama_kegiatan ,
297 foto_absensi , pergeseran_absensi
298 FROM absensi
299 INNER JOIN detail_absensi ON absensi.id_absensi =
300 detail_absensi.id_absensi_dt_absensi
301 INNER JOIN kegiatan ON absensi.id_kegiatan_absensi = kegiatan
302 .id_kegiatan
303 WHERE id_intern_absensi =' $id_intern ' AND
304 id_mahasiswa_absensi =' $id_mahasiswa ' AND
305 DATE(' tgl_waktu_absensi ') = ' $tgl '";
306 $result = mysqli_query($this->connection , $query);
307 if (mysqli_num_rows($result) > 0)
308 {
309     $datas = array();
310
311     while ($row = mysqli_fetch_array($result))
312     {
313         $datas[] = array(
314             "tgl_waktu" => $row[' tgl_waktu_absensi '],
315             "kegiatan" => $row[' nama_kegiatan '],
316             "foto_absensi" => $row[' foto_absensi '],
317             "pergeseran" => $row[' pergeseran_absensi ']
318         );
319     }
320 }

```

```

315     $json['status'] = 200;
316     $json['message'] = 'Berhasil mengambil data';
317     $json['data'] = $datas;
318
319
320     echo json_encode($json);
321     mysqli_close($this->connection);
322 }
323 elseif (mysqli_num_rows($result) == 0)
324 {
325     $json['status'] = 300;
326     $json['message'] = 'Data tidak ada';
327     // $json['data'] = [];
328     echo json_encode($json);
329     mysqli_close($this->connection);
330 }
331 else
332 {
333     $json['status'] = $query;
334     $json['message'] = 'Gagal mengambil data';
335
336     echo json_encode($json);
337     mysqli_close($this->connection);
338 }
339 }
340
341 public function login_mahasiswa($user, $pass)
342 {
343     $query = "SELECT id_intern, id_mahasiswa, username, password,
344 nama_mahasiswa, kelas_mahasiswa,
345 angkatan_mahasiswa, foto_mahasiswa, nama_prodi, id_dosen,
346 nama_dosen, nama_perusahaan_perusahaan as nama_perusahaan,
347 status_perusahaan, id_pembimbing_dt_intern as id_pembimbing
348 FROM user
349 INNER JOIN mahasiswa ON user.id_user = mahasiswa.id_mahasiswa
350 INNER JOIN prodi ON mahasiswa.id_prodi_mahasiswa = prodi.
351 id_prodi
352 INNER JOIN detail_intern ON user.id_user = detail_intern.
353 id_mahasiswa_dt_intern
354 INNER JOIN intern ON detail_intern.id_intern_dt_intern =
355 intern.id_intern
356 INNER JOIN dosen ON detail_intern.id_dosen_dt_intern = dosen.
357 id_dosen
358 INNER JOIN pembimbing_perusahaan ON pembimbing_perusahaan.
359 id_pembimbing = detail_intern.id_pembimbing_dt_intern
360 WHERE username='$user' AND password='$pass' AND user.
361 role_user='mahasiswa'
362 AND user.status_user='aktif' AND status_intern = 'berjalan'";
363
364     $result = mysqli_query($this->connection, $query);
365     $row = mysqli_fetch_array($result);
366     $id_intern = $row['id_intern'];
367     if (mysqli_num_rows($result) > 0 && ($row['id_pembimbing'] !=
368 "" || $row['id_pembimbing'] != null) && $row['status_perusahaan'
369 ] == "diterima")
370     {

```



```

361         $query = "SELECT id_intern_dt_intern as id_intern ,
362 id_mahasiswa , username , password , nama_mahasiswa , kelas_mahasiswa
363 ,
364         angkatan_mahasiswa , foto_mahasiswa , nama_prodi , id_dosen ,
365         nama_dosen , nama_perusahaan_perusahaan as nama_perusahaan ,
366         status_perusahaan , nama_pembimbing ,
367 id_pembimbing_dt_intern as id_pembimbing FROM user
368 INNER JOIN mahasiswa
369 ON user.id_user = mahasiswa.id_mahasiswa
370 INNER JOIN prodi
371 ON mahasiswa.id_prodi_mahasiswa = prodi.id_prodi
372 INNER JOIN detail_intern
373 ON user.id_user = detail_intern.id_mahasiswa_dt_intern
374 INNER JOIN intern ON detail_intern.id_intern_dt_intern =
375 intern.id_intern
376 INNER JOIN dosen
377 ON detail_intern.id_dosen_dt_intern = dosen.id_dosen
378 INNER JOIN pembimbing_perusahaan ON pembimbing_perusahaan
379 .id_pembimbing = detail_intern.id_pembimbing_dt_intern
380 WHERE username=' $user ' AND password=' $pass ' AND user .
381 role_user='mahasiswa'
382 AND user.status_user='aktif' AND status_intern = '
383 berjalan '";
384
385 $result = mysqli_query($this->connection , $query);
386 $row = mysqli_fetch_array($result);
387
388 $data = array(
389     "id_intern" => $id_intern ,
390     "id_mahasiswa" => $row['id_mahasiswa'],
391     "username" => $row['username'],
392     "password" => $row['password'],
393     "nama_mahasiswa" => $row['nama_mahasiswa'],
394     "kelas_mahasiswa" => $row['kelas_mahasiswa'],
395     "angkatan_mahasiswa" => $row['angkatan_mahasiswa'],
396     "foto_mahasiswa" => $row['foto_mahasiswa'],
397     "nama_prodi" => $row['nama_prodi'],
398     "id_dosen" => $row['id_dosen'],
399     "nama_dosen" => $row['nama_dosen'],
400     "nama_pembimbing" => $row['nama_pembimbing'],
401     "nama_perusahaan" => $row['nama_perusahaan']
402 );
403
404 $json['status'] = 201;
405 $json['message'] = 'Login berhasil';
406 $json['data'] = $data;
407
408 echo json_encode($json);
409 mysqli_close($this->connection);
410 }
411 elseif (mysqli_num_rows($result) > 0 && ($row['id_pembimbing'
412 ] != "" || $row['id_pembimbing'] != null) && ($row['
413 status_perusahaan'] == "" || $row['status_perusahaan'] == null))
414 {
415     $data = array(

```

```

407         "id_intern" => $id_intern ,
408         "id_mahasiswa" => $row['id_mahasiswa'],
409         "username" => $row['username'],
410         "password" => $row['password'],
411         "nama_mahasiswa" => $row['nama_mahasiswa'],
412         "kelas_mahasiswa" => $row['kelas_mahasiswa'],
413         "angkatan_mahasiswa" => $row['angkatan_mahasiswa'],
414         "foto_mahasiswa" => $row['foto_mahasiswa'],
415         "nama_prodi" => $row['nama_prodi'],
416         "id_dosen" => $row['id_dosen'],
417         "nama_dosen" => $row['nama_dosen'],
418         "nama_perusahaan" => $row['nama_perusahaan']
419     );
420
421     $json['status'] = 203;
422     $json['message'] = 'Login berhasil';
423     $json['data'] = $data;
424
425     echo json_encode($json);
426     mysqli_close($this->connection);
427 }
428 else
429 {
430     $query = "SELECT id_intern_dt_intern as id_intern ,
id_mahasiswa, username, password, nama_mahasiswa, kelas_mahasiswa
,
    angkatan_mahasiswa, foto_mahasiswa, nama_prodi, id_dosen,
    nama_dosen, kode_otp,
    status_perusahaan, id_pembimbing_dt_intern as
id_pembimbing FROM user INNER JOIN mahasiswa
ON user.id_user = mahasiswa.id_mahasiswa INNER JOIN prodi
ON mahasiswa.id_prodi_mahasiswa = prodi.id_prodi INNER
JOIN detail_intern
ON user.id_user = detail_intern.id_mahasiswa_dt_intern
INNER JOIN intern ON detail_intern.id_intern_dt_intern =
intern.id_intern
INNER JOIN dosen
ON detail_intern.id_dosen_dt_intern = dosen.id_dosen
WHERE username='User' AND password='$pass' AND user.
role_user='mahasiswa'
AND user.status_user='aktif' AND status_intern = '
berjalan'";
441
442     $result = mysqli_query($this->connection, $query);
443     $row = mysqli_fetch_array($result);
444     if (mysqli_num_rows($result) > 0 && ($row['id_pembimbing'
] == "" || $row['id_pembimbing'] == null) && ($row['
status_perusahaan'] == "" || $row['status_perusahaan'] == null)
&& $row['kode_otp'] == '-')
    {
445         $data = array(
446             "id_intern" => $id_intern ,
447             "id_mahasiswa" => $row['id_mahasiswa'],
448             "username" => $row['username'],
449             "password" => $row['password'],
450             "nama_mahasiswa" => $row['nama_mahasiswa'],
451

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```

452         "kelas_mahasiswa" => $row['kelas_mahasiswa'],
453         "angkatan_mahasiswa" => $row['angkatan_mahasiswa'],
454     ],
455     "foto_mahasiswa" => $row['foto_mahasiswa'],
456     "nama_prodi" => $row['nama_prodi'],
457     "id_dosen" => $row['id_dosen'],
458     "nama_dosen" => $row['nama_dosen']
459 );
460 $json['status'] = 202;
461 $json['message'] = 'Login berhasil';
462 $json['data'] = $data;
463
464     echo json_encode($json);
465     mysqli_close($this->connection);
466 }
467 else
468 {
469
470     $json['status'] = 400;
471     $json['message'] = 'Username dan password salah';
472     echo json_encode($json);
473     mysqli_close($this->connection);
474 }
475 }
476 }
477
478 public function registrasi_mahasiswa($kode_otp)
479 {
480     $query = "SELECT kode_otp FROM mahasiswa WHERE kode_otp = '
481     $kode_otp'";
482
483     $result = mysqli_query($this->connection, $query);
484     $row = mysqli_fetch_array($result);
485     if (mysqli_num_rows($result) > 0)
486     {
487         $query = "UPDATE mahasiswa SET kode_otp='-' WHERE
488         kode_otp='$kode_otp'";
489
490         $result = mysqli_query($this->connection, $query);
491         if ($this
492             ->connection->affected_rows > 0 && $result)
493         {
494             $json['status'] = 200;
495             $json['message'] = 'Registrasi berhasil';
496
497             echo json_encode($json);
498             mysqli_close($this->connection);
499         }
500         else
501         {
502             $json['status'] = 400;
503             $json['message'] = 'Registrasi gagal';
504             echo json_encode($json);

```

```

505         mysqli_close($this->connection);
506     }
507 }
508 else
509 {
510
511     $json['status'] = 400;
512     $json['message'] = 'Registrasi gagal';
513     echo json_encode($json);
514     mysqli_close($this->connection);
515 }
516 }
517
518 public function list-notifikasi($id_intern, $id_mahasiswa)
519 {
520
521     $query = "SELECT id_intern, nama_pembimbing, pesan_notifikasi
522             , nama_perusahaan_perusahaan, tgl_waktu_notifikasi FROM
523             notifikasi
524 INNER JOIN pembimbing_perusahaan ON id_pembimbing =
525             id_pembimbing_notifikasi
526 INNER JOIN mahasiswa ON id_mahasiswa = id_mahasiswa_notifikasi
527 INNER JOIN intern ON id_intern = id_intern_notifikasi
528 WHERE id_mahasiswa_notifikasi='$id_mahasiswa' AND
529             id_intern_notifikasi='$id_intern' ORDER BY tgl_waktu_notifikasi
530             DESC";
531
532     $result = mysqli_query($this->connection, $query);
533
534     if (mysqli_num_rows($result) > 0)
535     {
536         $datas = array();
537
538         $kalimat1 = "melakukan absensi pada";
539         $kalimat2 = "mengkonfirmasi absensi";
540         $kalimat3 = "mendaftar ke perusahaan";
541         $kalimat4 = "mengkonfirmasi pendaftaran";
542
543         while ($row = mysqli_fetch_array($result))
544         {
545             $pesan = "";
546             if (preg_match("~\b" . $row['pesan_notifikasi'] . "\b
547 ~", $kalimat1))
548             {
549                 $pesan = "Anda " . $row['pesan_notifikasi'];
550             }
551             elseif (preg_match("~\b" . $row['pesan_notifikasi'] .
552             "\b~", $kalimat2))
553             {
554                 $pesan = ucwords(($row['nama_pembimbing'])) . " "
555                 . $row['pesan_notifikasi'] . " Anda pada";
556             }
557             elseif (preg_match("~\b" . $row['pesan_notifikasi'] .
558             "\b~", $kalimat3))
559             {

```

```

551     $pesan = "Anda " . $row['pesan_notifikasi'] . " "
    . ucwords(($row['nama_perusahaan_perusahaan'])) . " pada";
552     }
553     elseif (preg_match("~\b" . $row['pesan_notifikasi'] .
554     "\b~", $kalimat4))
555     {
556         $pesan = ucwords(($row['nama_pembimbing'])) . " "
    . $row['pesan_notifikasi'] . " Anda pada";
557     }
558     $datas[] = array(
559         "id_intern" => $row['id_intern'],
560         "pesan" => $pesan . " " . date_format(date_create
561         ($row['tgl_waktu_notifikasi']), 'd F Y \p\u\k\u\l G:i A') ,
562         "tgl_waktu" => $row['tgl_waktu_notifikasi']
563     );
564 }
565
566 $json['status'] = 200;
567 $json['message'] = 'Berhasil mengambil notifikasi';
568 $json['data'] = $datas;
569
570 echo json_encode($json);
571 mysqli_close($this->connection);
572 }
573 elseif (mysqli_num_rows($result) == 0)
574 {
575     $json['status'] = 300;
576     $json['message'] = 'Notifikasi tidak ada';
577
578     echo json_encode($json);
579     mysqli_close($this->connection);
580 }
581 else
582 {
583     $json['status'] = 400;
584     $json['message'] = 'Gagal mengambil notifikasi';
585     echo json_encode($json);
586     mysqli_close($this->connection);
587 }
588 }
589
590 public function ubah_username($id_mahasiswa, $username)
591 {
592     $query = "UPDATE user SET username='$username' WHERE id_user
    ='$id_mahasiswa'";
593
594     $result = mysqli_query($this->connection, $query);
595
596     if ($this
597     ->connection->affected_rows > 0 && $result)
598     {
599         $json['status'] = 200;
600         $json['message'] = 'Username berhasil diubah';
601         echo json_encode($json);

```

```

602         mysqli_close ( $this->connection );
603     }
604     else
605     {
606         $json[ 'status' ] = 400;
607         $json[ 'message' ] = 'Username gagal diubah';
608         echo json_encode( $json );
609         mysqli_close ( $this->connection );
610     }
611 }
612
613 public function ubah_nama( $id_mahasiswa , $nama )
614 {
615     $query = "UPDATE mahasiswa SET nama_mahasiswa='$nama' WHERE
id_mahasiswa='$id_mahasiswa'";
616
617     $result = mysqli_query( $this->connection , $query );
618
619     if ( $this
->connection->affected_rows > 0 && $result )
620     {
621         $json[ 'status' ] = 200;
622         $json[ 'message' ] = 'Nama berhasil diubah';
623         echo json_encode( $json );
624         mysqli_close ( $this->connection );
625     }
626     else
627     {
628         $json[ 'status' ] = 400;
629         $json[ 'message' ] = 'Nama gagal diubah';
630         echo json_encode( $json );
631         mysqli_close ( $this->connection );
632     }
633 }
634
635 public function ubah_kelas( $id_mahasiswa , $kelas )
636 {
637     $query = "UPDATE mahasiswa SET kelas_mahasiswa='$kelas' WHERE
id_mahasiswa='$id_mahasiswa'";
638
639     $result = mysqli_query( $this->connection , $query );
640
641     if ( $this
->connection->affected_rows > 0 && $result )
642     {
643         $json[ 'status' ] = 200;
644         $json[ 'message' ] = 'Nama berhasil diubah';
645         echo json_encode( $json );
646         mysqli_close ( $this->connection );
647     }
648     else
649     {
650         $json[ 'status' ] = 400;
651         $json[ 'message' ] = 'Nama gagal diubah';
652         echo json_encode( $json );
653         mysqli_close ( $this->connection );
654     }
655 }

```

```

656     }
657 }
658
659 public function ubah_angkatan($id_mahasiswa , $angkatan)
660 {
661     $query = "UPDATE mahasiswa SET angkatan_mahasiswa='$angkatan'
662     WHERE id_mahasiswa='$id_mahasiswa'";
663
664     $result = mysqli_query($this->connection , $query);
665
666     if ($this
667         ->connection->affected_rows > 0 && $result)
668     {
669         $json['status'] = 200;
670         $json['message'] = 'Nama berhasil diubah';
671         echo json_encode($json);
672         mysqli_close($this->connection);
673     }
674     else
675     {
676         $json['status'] = 400;
677         $json['message'] = 'Nama gagal diubah';
678         echo json_encode($json);
679         mysqli_close($this->connection);
680     }
681 }
682
683 public function ubah_kontak($id_mahasiswa , $kontak)
684 {
685     $query = "UPDATE mahasiswa SET kontak_mahasiswa='$kontak'
686     WHERE id_mahasiswa='$id_mahasiswa'";
687
688     $result = mysqli_query($this->connection , $query);
689
690     if ($this
691         ->connection->affected_rows > 0 && $result)
692     {
693         $json['status'] = 200;
694         $json['message'] = 'Kontak berhasil diubah';
695         echo json_encode($json);
696         mysqli_close($this->connection);
697     }
698     else
699     {
700         $json['status'] = 400;
701         $json['message'] = 'Kontak gagal diubah';
702         echo json_encode($json);
703         mysqli_close($this->connection);
704     }
705 }
706
707 public function ubah_foto($id_mahasiswa , $foto)
708 {
709     $query = "UPDATE mahasiswa SET foto_mahasiswa='$foto' WHERE
710     id_mahasiswa='$id_mahasiswa'";

```

```

709     $result = mysqli_query($this->connection, $query);
710
711     if ($this
712         ->connection->affected_rows > 0 && $result)
713     {
714         $json['status'] = 200;
715         $json['message'] = 'Foto berhasil diubah';
716         echo json_encode($json);
717         mysqli_close($this->connection);
718         return true;
719     }
720     else
721     {
722         $json['status'] = 400;
723         $json['message'] = 'Foto gagal diubah';
724         echo json_encode($json);
725         mysqli_close($this->connection);
726         return false;
727     }
728 }
729
730 public function ubah-password($id_mahasiswa, $password)
731 {
732     $query = "UPDATE user SET password='$password' WHERE id-user
733     ='$id_mahasiswa'";
734
735     $result = mysqli_query($this->connection, $query);
736
737     if ($this
738         ->connection->affected_rows > 0 && $result)
739     {
740         $json['status'] = 200;
741         $json['message'] = 'Password berhasil diubah';
742         echo json_encode($json);
743         mysqli_close($this->connection);
744     }
745     else
746     {
747         $json['status'] = 400;
748         $json['message'] = 'Password gagal diubah';
749         echo json_encode($json);
750         mysqli_close($this->connection);
751     }
752 }
753
754 public function distance($lat1, $lon1, $lat2, $lon2)
755 {
756     if (($lat1 == $lat2) && ($lon1 == $lon2))
757     {
758         return 0;
759     }
760     else
761     {
762         $theta = $lon1 - $lon2;
763         $dist = sin(deg2rad($lat1)) * sin(deg2rad($lat2)) + cos(
764         deg2rad($lat1)) * cos(deg2rad($lat2)) * cos(deg2rad($theta));

```



```

763         $dist = acos($dist);
764         $dist = rad2deg($dist);
765         $miles = $dist * 60 * 1.1515;
766
767         return ($miles * 1.609344) * 1000;
768     }
769 }
770 }

```

```

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

```

```

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

```

```

1 <?php
2 include('dosen.php');
3 header('Content-Type: application/json');
4 $d = new Dosen();
5 if (isset($_POST['id_dosen'])) {
6     $id_dosen = $_POST['id_dosen'];
7     if (!empty($id_dosen)) {
8         $d->list_notifikasi($id_dosen);
9     } else {
10        $json['status'] = 100;

```

```

11         $json['message'] = 'Field tidak boleh kosong';
12         echo json_encode($json);
13     }
14 } else {
15     $json['status'] = 100;
16     $json['message'] = 'Field tidak boleh kosong';
17     echo json_encode($json);
18 }
19 ?>

```

```

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

```

```

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

```

```

1 <?php
2 include('dosen.php');
3 header('Content-Type: application/json');
4 $d = new Dosen();
5
6 $id_dosen = $_POST['id_dosen'];
7 if (isset($_POST['username'])) $username = $_POST['username'];

```

```

8  if (isset($_POST['nama'])) $nama = $_POST['nama'];
9  if (isset($_POST['kontak'])) $kontak = $_POST['kontak'];
10 if (isset($_POST['password'])) $password = $_POST['password'];
11
12 if (isset($_FILES['foto']['name'])){
13     $foto = $_FILES['foto']['name'];
14     $temp_foto = $_FILES['foto']['tmp_name'];
15
16     $dir_dosen = "../images/dosen/";
17 }
18
19 if (!empty($id_dosen) && !empty($username)) {
20     $d->ubah_username($id_dosen, $username);
21 } elseif (!empty($id_dosen) && !empty($nama)) {
22     $d->ubah_nama($id_dosen, $nama);
23 } elseif (!empty($id_dosen) && !empty($kontak)) {
24     $d->ubah_kontak($id_dosen, $kontak);
25 } elseif (!empty($id_dosen) && !empty($password)) {
26     $d->ubah_password($id_dosen, $password);
27 } elseif (!empty($id_dosen) && !empty($foto)) {
28     $result = $d->ubah_foto($id_dosen, $foto);
29     if ($result) {
30         $upload = move_uploaded_file($temp_foto, $dir_dosen.$foto);
31         if (!$upload) {
32             $json['status'] = 400;
33             $json['message'] = 'Gambar gagal terupload';
34             echo json_encode($json);
35         }
36     }
37 } else {
38     $json['status'] = 100;
39     $json['message'] = 'Field tidak boleh kosong';
40     echo json_encode($json);
41 }

```

```

1 <?php
2 include('../conn.php');
3 header('Content-Type: application/json');
4 class Dosen
5 {
6     private $db;
7     private $connection;
8     public function __construct()
9     {
10         $this->db = new Connection();
11         $this->connection = $this->db->get_connection();
12     }
13
14     public function list_mahasiswa($id_dosen)
15     {
16         $query = "SELECT id_mahasiswa, nama_perusahaan-perusahaan,
17             lama_internship, nama_mahasiswa, foto_mahasiswa,
18             angkatan_mahasiswa, foto_perusahaan, kelas_mahasiswa,
19             foto_mahasiswa, nama_prodi,

```

```

18     nama_pembimbing, lat_pembimbing_perusahaan,
long_pembimbing_perusahaan, id_intern, COUNT(
id_mahasiswa_dt_absensi) as jumlah_absensi
19     FROM detail_intern
20     INNER JOIN intern ON detail_intern.id_intern_dt_intern =
intern.id_intern
21     INNER JOIN pembimbing_perusahaan ON detail_intern.
id_pembimbing_dt_intern = pembimbing_perusahaan.id_pembimbing
22     INNER JOIN mahasiswa ON detail_intern.id_mahasiswa_dt_intern
= mahasiswa.id_mahasiswa
23     INNER JOIN prodi ON mahasiswa.id_prodi_mahasiswa= prodi.
id_prodi
24     INNER JOIN detail_absensi ON detail_intern.
id_mahasiswa_dt_intern = detail_absensi.id_mahasiswa_dt_absensi
25     WHERE id_dosen_dt_intern = '$id_dosen' AND status_intern = '
berjalan'';

26
27     $result = mysqli_query($this->connection, $query);
28     if (mysqli_num_rows($result) > 0) {
29         $datas = array();
30
31         while ($row = mysqli_fetch_array($result)) {
32             $datas[] = array(
33                 "id_intern" => $row['id_intern'],
34                 "id_mahasiswa" => $row['id_mahasiswa'],
35                 "nama_perusahaan" => ucwords($row['
nama_perusahaan_perusahaan']),
36                 "nama_mahasiswa" => ucwords($row['nama_mahasiswa']),
37                 "foto_mahasiswa" => $row['foto_mahasiswa'],
38                 "angkatan_mahasiswa" => $row['angkatan_mahasiswa'],
39                 "foto_perusahaan" => $row['foto_perusahaan'],
40                 "kelas_mahasiswa" => strtoupper($row['kelas_mahasiswa
']),
41                 "foto_mahasiswa" => $row['foto_mahasiswa'],
42                 "nama_prodi" => ucwords($row['nama_prodi']),
43                 "nama_pembimbing" => ucwords($row['nama_pembimbing'])
,
44                 "latitude_perusahaan" => $row['
lat_pembimbing_perusahaan'],
45                 "longitude_perusahaan" => $row['
long_pembimbing_perusahaan'],
46                 "presentase_internship" => round($row['jumlah_absensi
']/ $row['lama_internship']*100,1)
47             );
48         }
49
50         $json['status'] = 200;
51         $json['message'] = 'Berhasil mengambil mahasiswa';
52         $json['data'] = $datas;
53
54         echo json_encode($json);
55         mysqli_close($this->connection);
56     } elseif (mysqli_num_rows($result) == 0) {
57         $json['status'] = 300;
58         $json['message'] = 'Mahasiswa tidak ada';
59

```

```

60         echo json_encode($json);
61         mysqli_close($this->connection);
62     } else {
63         $json['status'] = 400;
64         $json['message'] = 'Gagal mengambil mahasiswa';
65         echo json_encode($json);
66         mysqli_close($this->connection);
67     }
68 }
69
70 public function login_dosen($user, $pass)
71 {
72     $query = "SELECT
73         username, password, id_dosen, nama_dosen, foto_dosen,
74         id_intern, nama_prodi
75         FROM user
76         INNER JOIN dosen ON user.id_user = dosen.id_dosen
77         INNER JOIN detail_intern ON user.id_user = detail_intern.
78         id_dosen_dt_intern
79         INNER JOIN intern ON detail_intern.id_intern_dt_intern =
80         intern.id_intern
81         INNER JOIN prodi ON dosen.id_prodi_dosen = prodi.id_prodi
82         WHERE username = '$user' AND password = '$pass' AND
83         status_user='aktif' AND role_user='dosen'";
84
85     $result = mysqli_query($this->connection, $query);
86
87     $row = mysqli_fetch_array($result);
88     if (mysqli_num_rows($result) > 0) {
89         $data = array(
90             "username" => $row['username'],
91             "password" => $row['password'],
92             "id_dosen" => $row['id_dosen'],
93             "nama_dosen" => ucwords($row['nama_dosen']),
94             "foto_dosen" => $row['foto_dosen'],
95             "nama_prodi" => ucwords($row['nama_prodi'])
96         );
97
98         $json['status'] = 200;
99         $json['message'] = 'Berhasil melakukan login';
100         $json['data'] = $data;
101
102         echo json_encode($json);
103         mysqli_close($this->connection);
104     } elseif (mysqli_num_rows($result) == 0) {
105         $json['status'] = 300;
106         $json['message'] = 'Username atau password salah';
107
108         echo json_encode($json);
109         mysqli_close($this->connection);
110     } else {
111         $json['status'] = 400;
112         $json['message'] = 'Gagal melakukan login';
113
114         echo json_encode($json);

```

```

112         mysqli_close($this->connection);
113     }
114 }
115
116 public function progress_mahasiswa($id_intern, $id_mahasiswa,
117 $sort)
118 {
119     $query = "SET @rank=0;";
120     mysqli_query($this->connection, $query);
121     switch ($sort) {
122         case 'hari':
123             $query1 = "
124             SELECT @rank:=@rank+1 AS rank, DAYOFYEAR(
125             tgl_waktu_absensi) as date, ROUND(COUNT(*) / 3 * 100, 2)
126             as percent FROM absensi WHERE id_intern_absensi='
127             $id_intern' AND id_mahasiswa_absensi = '$id_mahasiswa'
128             GROUP BY DAYOFYEAR(tgl_waktu_absensi) ORDER BY rank ASC";
129             $result1 = mysqli_query($this->connection, $query1);
130             if (mysqli_num_rows($result1) > 0) {
131                 $datas = array();
132
133                 while ($row = mysqli_fetch_array($result1)) {
134                     $datas[] = array(
135                         "sort" => "Hari ke-". $row['rank'],
136                         "persen" => $row['percent']
137                     );
138                 }
139
140                 $json['status'] = 201;
141                 $json['message'] = 'Berhasil mengambil progress';
142                 $json['data'] = $datas;
143
144                 echo json_encode($json);
145                 mysqli_close($this->connection);
146             } elseif (mysqli_num_rows($result1) == 0) {
147                 $json['status'] = 300;
148                 $json['message'] = 'Progress tidak ada';
149                 // $json['data'] = [];
150
151                 echo json_encode($json);
152                 mysqli_close($this->connection);
153             } else {
154                 $json['status'] = 400;
155                 $json['message'] = 'Gagal mengambil progress';
156                 echo json_encode($json);
157                 mysqli_close($this->connection);
158             }
159         break;
160         case 'minggu':
161             $query2 = "
162             SELECT @rank:=@rank+1 AS rank, WEEK(tgl_waktu_absensi,1)
163             as week, ROUND(COUNT(*) / 21 * 100, 2)
164             as percent FROM absensi WHERE id_intern_absensi='
165             $id_intern' AND id_mahasiswa_absensi = '$id_mahasiswa'
166             GROUP BY WEEK(tgl_waktu_absensi) ORDER BY rank ASC";
167             $result2 = mysqli_query($this->connection, $query2);

```

```

163         if (mysqli_num_rows($result2) > 0) {
164             $datas = array();
165
166             while ($row = mysqli_fetch_array($result2)) {
167                 $datas[] = array(
168                     "sort" => "Minggu ke—" . $row['rank'],
169                     "persen" => $row['percent']
170                 );
171             }
172
173             $json['status'] = 202;
174             $json['message'] = 'Berhasil mengambil progress';
175             $json['data'] = $datas;
176
177             echo json_encode($json);
178             mysqli_close($this->connection);
179         } elseif (mysqli_num_rows($result2) == 0) {
180             $json['status'] = 300;
181             $json['message'] = 'Progress tidak ada';
182
183             echo json_encode($json);
184             mysqli_close($this->connection);
185         } else {
186             $json['status'] = 400;
187             $json['message'] = 'Gagal mengambil progress';
188             echo json_encode($json);
189             mysqli_close($this->connection);
190         }
191         break;
192         case 'bulan':
193             $query3 = "
194             SELECT @rank:=@rank+1 AS rank, MONTH(
195             tgl_waktu_absensi) as month, ROUND(COUNT(*) / 90 * 100, 2)
196             as percent FROM absensi WHERE id_intern_absensi='
197             $id_intern' AND id_mahasiswa_absensi = '$id_mahasiswa'
198             GROUP BY MONTH(tgl_waktu_absensi) ORDER BY rank ASC";
199             $result3 = mysqli_query($this->connection, $query3);
200             if (mysqli_num_rows($result3) > 0) {
201                 $datas = array();
202
203                 while ($row = mysqli_fetch_array($result3)) {
204                     $datas[] = array(
205                         "sort" => "Bulan ke—" . $row['rank'],
206                         "persen" => $row['percent']
207                     );
208                 }
209
210                 $json['status'] = 203;
211                 $json['message'] = 'Berhasil mengambil progress';
212                 $json['data'] = $datas;
213
214                 echo json_encode($json);
215                 mysqli_close($this->connection);
216             } elseif (mysqli_num_rows($result3) == 0) {
217                 $json['status'] = 300;
218                 $json['message'] = 'Progress tidak ada';

```

```

217         echo json_encode($json);
218         mysqli_close($this->connection);
219     } else {
220         $json['status'] = 400;
221         $json['message'] = 'Gagal mengambil progress';
222         echo json_encode($json);
223         mysqli_close($this->connection);
224     }
225     break;
226 }
227 }
228 }
229
230 public function progress_mahasiswa_perhari($id_intern ,
231 $id_mahasiswa , $tgl)
232 {
233     $query = "SELECT id_absensi , tgl_waktu_absensi ,
234     nama_kegiatan , foto_absensi , pergeseran_absensi
235     FROM absensi
236     INNER JOIN detail_absensi ON absensi.id_absensi =
237     detail_absensi.id_absensi_dt_absensi
238     INNER JOIN kegiatan ON absensi.id_kegiatan_absensi = kegiatan
239     .id_kegiatan
240     WHERE id_intern_absensi ='$id_intern ' AND
241     id_mahasiswa_absensi ='$id_mahasiswa ' AND
242     DATE(tgl_waktu_absensi) = '$tgl'";
243     $result = mysqli_query($this->connection , $query);
244     if (mysqli_num_rows($result) > 0) {
245         $datas = array();
246
247         while ($row = mysqli_fetch_array($result)) {
248             $datas[] = array(
249                 "id_absensi" => $row['id_absensi'],
250                 "tgl_waktu" => $row['tgl_waktu_absensi'],
251                 "kegiatan" => ucfirst($row['nama_kegiatan']),
252                 "foto_absensi" => $row['foto_absensi'],
253                 "pergeseran" => $row['pergeseran_absensi']. " M"
254             );
255         }
256
257         $json['status'] = 200;
258         $json['message'] = 'Berhasil mengambil progress harian';
259         $json['data'] = $datas;
260
261         echo json_encode($json);
262         mysqli_close($this->connection);
263     } elseif (mysqli_num_rows($result) == 0) {
264         $json['status'] = 300;
265         $json['message'] = 'Progress harian tidak ada';
266
267         echo json_encode($json);
268         mysqli_close($this->connection);
269     } else {
270         $json['status'] = 400;
271         $json['message'] = 'Gagal mengambil progress harian';
272         echo json_encode($json);

```



```

268         mysqli_close($this->connection);
269     }
270 }
271
272 public function list_notifikasi($id_dosen){
273
274     $query = "SELECT id_intern , nama_mahasiswa , nama_pembimbing ,
275     nama_perusahaan_perusahaan , pesan_notifikasi ,
276     tgl_waktu_notifikasi FROM notifikasi INNER JOIN
277     pembimbing_perusahaan ON id_pembimbing = id_pembimbing_notifikasi
278     INNER JOIN mahasiswa ON id_mahasiswa = id_mahasiswa_notifikasi
279     INNER JOIN intern ON id_intern = id_intern_notifikasi WHERE
280     id_dosen_notifikasi='$id_dosen' AND status_intern='berjalan'
281     ORDER BY tgl_waktu_notifikasi DESC ";
282
283     $result = mysqli_query($this->connection , $query);
284
285     if (mysqli_num_rows($result) > 0) {
286         $datas = array();
287
288         $kalimat1 = "melakukan absensi pada";
289         $kalimat2 = "mengkonfirmasi absensi";
290         $kalimat3 = "mendaftar ke perusahaan";
291         $kalimat4 = "mengkonfirmasi pendaftaran";
292
293         while ($row = mysqli_fetch_array($result)) {
294             $pesan = "";
295             if(preg_match("~\b". $row[ 'pesan_notifikasi' ]. "\b~" ,
296 $kalimat1)){
297                 $pesan = ucwords($row[ 'nama_mahasiswa' ]). " ". $row
298 [ 'pesan_notifikasi' ];
299             }elseif(preg_match("~\b". $row[ 'pesan_notifikasi' ]. "\b
300 ~" , $kalimat2)){
301                 $pesan = ucwords($row[ 'nama_pembimbing' ]). " ".
302 $row[ 'pesan_notifikasi' ]. " ". ucwords($row[ 'nama_mahasiswa' ]). "
303 pada";
304             }elseif(preg_match("~\b". $row[ 'pesan_notifikasi' ]. "\b
305 ~" , $kalimat3)){
306                 $pesan = ucwords(( $row[ 'nama_mahasiswa' ] ) ). " ".
307 $row[ 'pesan_notifikasi' ]. " ". ucwords($row[ '
308 nama_perusahaan_perusahaan' ]). " pada";
309             }elseif(preg_match("~\b". $row[ 'pesan_notifikasi' ]. "\b
310 ~" , $kalimat4)){
311                 $pesan = ucwords($row[ 'nama_pembimbing' ]). " ".
312 $row[ 'pesan_notifikasi' ]. " ". ucwords($row[ 'nama_mahasiswa' ]). "
313 pada";
314             }
315
316             $datas[] = array(
317                 "id_intern" => $row[ 'id_intern' ] ,
318                 "pesan" => $pesan . " ". date_format( date_create($row[ '
319 tgl_waktu_notifikasi' ] ) , 'd F Y \p\u\k\u\l G:i A' ) ,
320                 "tgl_waktu" => $row[ 'tgl_waktu_notifikasi' ]
321             );
322         }
323     }
324 }

```

```

305     }
306
307     $json['status'] = 200;
308     $json['message'] = 'Berhasil mengambil notifikasi';
309     $json['data'] = $datas;
310
311     echo json_encode($json);
312     mysqli_close($this->connection);
313 } elseif (mysqli_num_rows($result) == 0) {
314     $json['status'] = 300;
315     $json['message'] = 'Notifikasi tidak ada';
316
317     echo json_encode($json);
318     mysqli_close($this->connection);
319 } else {
320     $json['status'] = 400;
321     $json['message'] = 'Gagal mengambil notifikasi';
322     echo json_encode($json);
323     mysqli_close($this->connection);
324 }
325 }
326
327 public function ubah_username($id_dosen, $username){
328     $query = "UPDATE user SET username='$username' WHERE id_user
329     ='$id_dosen'";
330
331     $result = mysqli_query($this->connection, $query);
332
333     if ($this->connection->affected_rows > 0 && $result) {
334         $json['status'] = 200;
335         $json['message'] = 'Username berhasil diubah';
336         echo json_encode($json);
337         mysqli_close($this->connection);
338     } else {
339         $json['status'] = 400;
340         $json['message'] = 'Username gagal diubah';
341         echo json_encode($json);
342         mysqli_close($this->connection);
343     }
344 }
345
346 public function ubah_nama($id_dosen, $nama){
347     $query = "UPDATE dosen SET nama.dosen='$nama' WHERE id_dosen
348     ='$id_dosen'";
349
350     $result = mysqli_query($this->connection, $query);
351
352     if ($this->connection->affected_rows > 0 && $result) {
353         $json['status'] = 200;
354         $json['message'] = 'Nama berhasil diubah';
355         echo json_encode($json);
356         mysqli_close($this->connection);
357     } else {
358         $json['status'] = 400;
359         $json['message'] = 'Nama berhasil diubah';
360         echo json_encode($json);

```

```

359         mysqli_close($this->connection);
360     }
361 }
362
363 public function ubah_kontak($id_dosen, $kontak){
364     $query = "UPDATE dosen SET kontak_dosen='$kontak' WHERE
id_dosen='$id_dosen'";
365
366     $result = mysqli_query($this->connection, $query);
367
368     if ($this->connection->affected_rows > 0 && $result) {
369         $json['status'] = 200;
370         $json['message'] = 'Kontak berhasil diubah';
371         echo json_encode($json);
372         mysqli_close($this->connection);
373     } else {
374         $json['status'] = 400;
375         $json['message'] = 'Kontak gagal diubah';
376         echo json_encode($json);
377         mysqli_close($this->connection);
378     }
379 }
380
381 public function ubah_foto($id_dosen, $foto){
382     $query = "UPDATE dosen SET foto_dosen='$foto' WHERE id_dosen
='$id_dosen'";
383
384     $result = mysqli_query($this->connection, $query);
385
386     if ($this->connection->affected_rows > 0 && $result) {
387         $json['status'] = 200;
388         $json['message'] = 'Foto berhasil diubah';
389         echo json_encode($json);
390         mysqli_close($this->connection);
391         return true;
392     } else {
393         $json['status'] = 400;
394         $json['message'] = 'Foto gagal diubah';
395         echo json_encode($json);
396         mysqli_close($this->connection);
397         return false;
398     }
399 }
400
401 public function ubah_password($id_dosen, $password){
402     $query = "UPDATE user SET password='$password' WHERE id_user
='$id_dosen'";
403
404     $result = mysqli_query($this->connection, $query);
405
406     if ($this->connection->affected_rows > 0 && $result) {
407         $json['status'] = 200;
408         $json['message'] = 'Password berhasil diubah';
409         echo json_encode($json);
410         mysqli_close($this->connection);
411     } else {

```

```
412     $json['status'] = 400;
413     $json['message'] = 'Password gagal diubah';
414     echo json_encode($json);
415     mysqli_close($this->connection);
416 }
417 }
418 }
```


DAFTAR PUSTAKA

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