SIM ABSENSI

By

PENDAHULUAN

Pada kesempatankali ini kita akan membuat sebuah sistem informasi manajemen absensi dengan menggunakan OOP. Bahasa pemrograman yang akan kita gunakan adalah PHP. Berikut pembahasan mengenai OOP :

Object Oriented Programming (OOP) merupakan paradigma pemrograman yang berorientasikan kepada objek. Ini adalah jenis pemrograman di mana programmer mendefinisikan tidak hanya tipe data dari sebuah struktur data, tetapi juga jenis operasi (fungsi) yang dapat diterapkan pada struktur data. Dengan cara ini, struktur data menjadi objek yang meliputi data dan fungsi. Selain itu, pemrogram dapat membuat hubungan antara satu benda dan lainnya. Sebagai contoh, objek dapat mewarisi karakteristik dari objek lain.

Salah satu keuntungan utama dari teknik pemrograman berorientasi obyek atas teknik pemrograman prosedural adalah bahwa memungkinkan programmer untuk membuat modul yang tidak perlu diubah ketika sebuah jenis baru objek ditambahkan. Seorang pemrogram hanya dapat membuat objek baru yang mewarisi banyak fitur dari objek yang sudah ada. Hal ini membuat program object-oriented lebih mudah untuk memodifikasi.

Pembelajaran pemrograman berorientasi obyek ini menggunakan metode pendekatan saintifik. Dalam pendekatan ini praktikum atau eksperimen berbasis sains merupakan bidang pendekatan ilmiah dengan tujuan dan aturan khusus, dimana tujuan utamanya adalah untuk memberikan bekal ketrampilan yang kuat dengan disertai landasan teori yang realistis mengenai fenomena yang akan kita amati. Ketika suatu permasalahan yang hendak diamati memunculkan pertanyaan-pertanyaan yang tidak bisa terjawab, maka metode eksperimen ilmiah hendaknya dapat memberikan jawaban melalui proses yang logis. Proses-proses dalam pendekatan scientifik meliputi beberapa tahapan yaitu: mengamati, hipotesis atau menanya, mengasosiasikan atau eksperimen, mengumpulkan atau analisa data dan mengkomunikasikan. Proses belajar pendekatan eksperimen pada hakekatnya merupakan proses berfikir ilmiah untuk membuktikan hipotesis dengan logika berfikir.
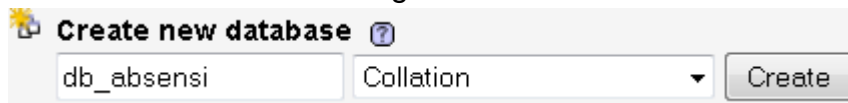
Kali ini kita akan membuat sebuah sistem informasi absensi menggunakan teknik pemrograman yang berorientasikan kepada objek dengan mengguakan bahasa pemrograman PHP dan database MySQL. Berikut hal-hal yang harus disiapkan sebelum membuat proyek

1. XAMPP (Saya menggunakan versi 3.2.3) PHP 7
2. Text Editor (Ex : Adobe Dreamweaver, Notepad ++, NetBeans IDE. Dll)
3. Web Browser (Ex : Google Chrome, Mozilla Firefox, Opera. Dll)

Jika 3 hal diatas sudah anda siapkan selanjutnya yang anda harus lakukan

1. Buka XAMPP
2. Klik button start Apache dan MySql
3. Buka web browser lalu tuliskan pada alamat url : 127.0.0.1/phpmyadmin atau localhost/phpmyadmin
4. Buat sebuah database dengan nama db_absensi

5. Lalu buat tabel tbl_user (sintak berikut dijalankan di tab SQL)

```
CREATE TABLE `db_absensi`.`tbl_user` (
`username` VARCHAR( 50 ) NOT NULL ,
`password` VARCHAR( 50 ) NOT NULL ,
PRIMARY KEY ( `username` )

) ENGINE = MYISAM ;
```

6. tbl_siswa

```
CREATE TABLE `db_absensi`.`tbl_siswa`
(
`nis` VARCHAR( 8 ) NOT NULL ,
`nama` VARCHAR( 100 ) NOT NULL ,
`jk` VARCHAR( 1 ) NOT NULL ,
`id_rayon` INT( 2 ) NOT NULL ,
`id_rombel` INT( 2 ) NOT NULL ,
`foto` VARCHAR( 100 ) NOT NULL ,
`tgl_lahir` VARCHAR( 10 ) NOT NULL ,
PRIMARY KEY ( `nis` )

) ENGINE = MYISAM ;
```

7. tbl_rayon

```
CREATE TABLE `db_absensi`.`tbl_rayon` (
`id_rayon` INT( 2 ) NOT NULL AUTO_INCREMENT PRIMARY KEY ,
`rayon` VARCHAR( 15 ) NOT NULL

) ENGINE = MYISAM ;
```

8. tbl_rombel

```
CREATE TABLE `db_absensi`.`tbl_rombel` (
`id_rombel` INT( 2 ) NOT NULL AUTO_INCREMENT PRIMARY KEY ,
`rombel` VARCHAR( 10 ) NOT NULL

) ENGINE = MYISAM ;
```

9. tbl_absen

```
CREATE TABLE `db_absensi`.`tbl_absen` (
`nis` VARCHAR( 8 ) NOT NULL ,
`hadir` INT( 1 ) NOT NULL ,
`sakit` INT( 1 ) NOT NULL ,
`ijin` INT( 1 ) NOT NULL ,
`alpa` INT( 1 ) NOT NULL ,
`tgl_absen` DATE NOT NULL
) ENGINE = MYISAM ;
```
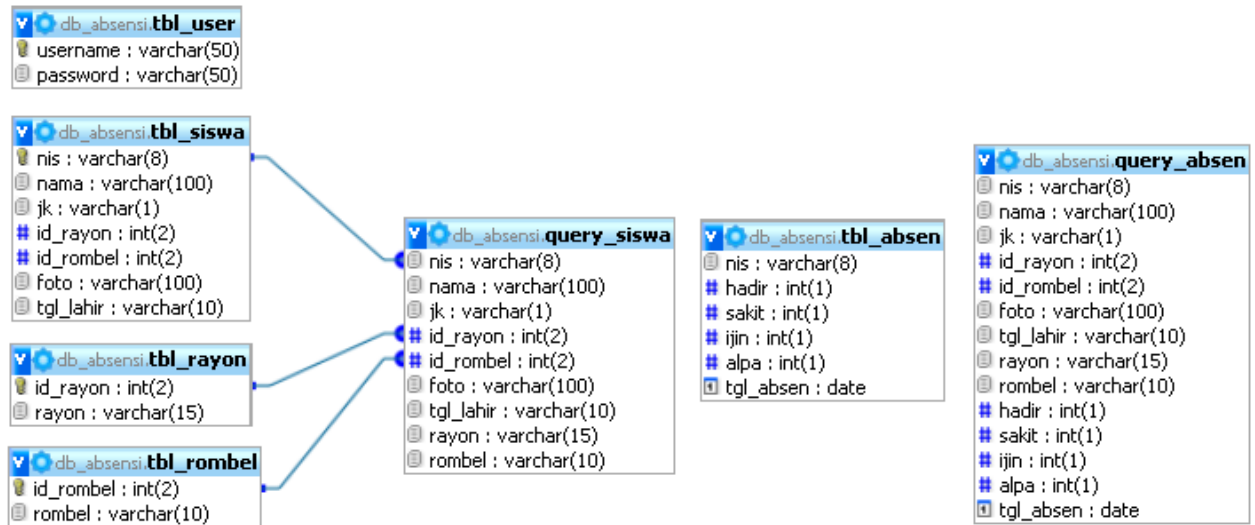
10. Selanjutnya kita akan membuat query, yaitu menggabungkan antar tbl_siswa sebagai table master dengan tbl_rayon dan tbl_rombel. Berikut perintah membuat query siswa

```
CREATE VIEW query_siswa AS
SELECT tbl_siswa .*, rayon, rombel FROM tbl_siswa
INNER JOIN tbl_rayon ON tbl_rayon.id_rayon = tbl_siswa.id_rayon
INNER JOIN tbl_rombel ON tbl_rombel.id_rombel = tbl_siswa.id_rombel
```

11. query_absen menggabungkan query_siswa sebagai data master dan tbl_absen
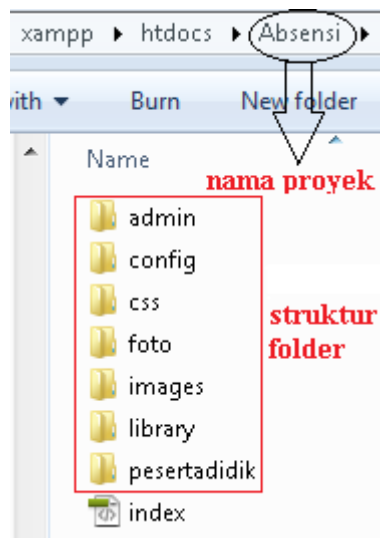
```
CREATE VIEW query_absen AS
SELECT query_siswa .*, hadir, sakit, ijin, alpa, tgl_absen FROM query_siswa
INNER JOIN tbl_absen ON tbl_absen.nis = query_siswa.nis
```

Pembuatan database beserta query sudah selesai, berikut desain dari database yang telah kita buat :
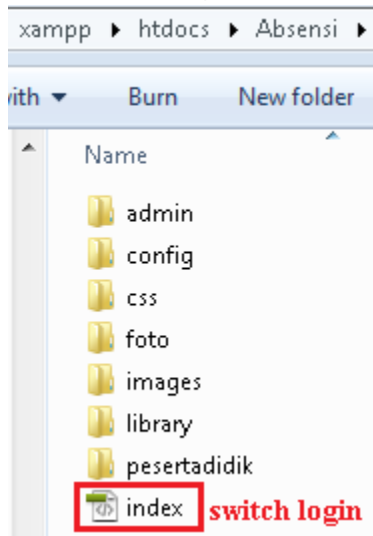

Selanjutnya kita akan mulai membuat kodingan nya, ikuti langkah langkah berikut :

1. Buat struktur folder di htdocs

2. Selanjutnya kita akan membuat menu switch yang berfungsi saat user akan melakukan login, buat file php dengan nama **index.php**

Lalu masukan script berikut :

```php
<!DOCTYPE html>
<html>
    <head>
        <meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
        <title>SIM ABSENSI</title>
    </head>

    <body>
        <?php
        if (isset($_POST['admin'])) {
            echo "<script>document.location.href='admin'</script>";
        }
        if (isset($_POST['pd'])) {
            echo "<script>document.location.href='pesertadidik'</script>";
        }
        ?>
        <form method="post">
            <table align="center">
                <tr>
                    <td colspan="2" align="center">Login Sebagai :</td>
                </tr>
                <tr>
                    <td><input type="submit" name="admin" value="Administrator"></td>
                    <td><input type="submit" name="pd" value="Peserta Didik"></td>
                </tr>
            </table>
        </form>
    </body>
</html>
```

Setelah selesai jalankan pada web browser terlebih dahulu : **127.0.0.1/absensi**

3. Selanjutnya didalam folder **config** buat file php baru dengan nama **database.php**
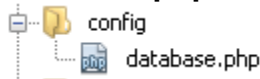
```
config
    database.php
```

Lalu masukan script berikut :

```php
<?php
$host = "localhost";
$user = "root";
$pass = "";
$db = "db_absensi";

$con = mysqli_connect($host, $user, $pass, $db) or die('KONEKSI GAGAL');
?>
```

4. Buat file php baru dengan nama **controllers.php** di dalam folder **library**

```
library
    controllers.php
```
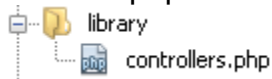
Lalu masukan script berikut :

```php
<?php
class oop {

    function simpan($con, $table, array $field, $redirect) {
        $sql = "INSERT INTO $table SET ";
        foreach ($field as $key => $value) {
            $sql.=" $key = '$value',";
        }
        $sql = rtrim($sql, ',');
        $query = mysqli_query($con, $sql);
        if ($query) {
            echo "<script>alert('Success');document.location.href='$redirect'</script>";
        } else {
            echo $sql;
        }
    }

    function tampil($con, $table) {
        $sql = "SELECT * FROM $table";
        $query = mysqli_query($con, $sql);
        while ($data = mysqli_fetch_array($query))
            $isi[] = $data;
        return $isi;
    }
```

```php
26      function hapus($con, $table, $where, $redirect) {
27          $sql = "DELETE FROM $table WHERE $where";
28          $query = mysqli_query($con, $sql);
29          if ($query) {
30              echo "<script>alert('Success');document.location.href='$redirect'</script>";
31          } else {
32              echo $sql;
33          }
34      }
35
36      function edit($con, $table, $where) {
37          $sql = "SELECT * FROM $table WHERE $where";
38          $query = mysqli_query($con, $sql);
39          $data = mysqli_fetch_array($query);
40          return $data;
41      }
42
43      function ubah($con, $table, array $field, $where, $redirect) {
44          $sql = "UPDATE $table SET";
45          foreach ($field as $key => $value) {
46              $sql.=" $key = '$value',";
47          }
48          $sql = rtrim($sql, ',');
49          $sql.="WHERE $where";
50          $query = mysqli_query($con, $sql);
51          if ($query) {
52              echo "<script>alert('Success');document.location.href='$redirect'</script>";
53          } else {
54              echo $sql;
55          }
56      }
57
58      function upload($foto, $folder) {
59          $tmp = $foto['tmp_name'];
60          $namafile = $foto['name'];
61          move_uploaded_file($tmp, "$folder/$namafile");
62          return $namafile;
63      }
64      function login($con, $table, $username, $password, $redirect) {
65          @session_start();
66          $sql = "SELECT * FROM $table WHERE username = '$username' and password = '$password'";
67          $query = mysqli_query($con, $sql);
68          $tampil = mysqli_fetch_array($query);
69          $cek = mysqli_num_rows($query);
70          if ($cek > 0) {
71              $_SESSION['username'] = $username;
72              echo "<script>alert('Login Berhasil');document.location.href='$redirect'</script>";
73          } else {
74              echo "<script>alert('Login gagal cek username dan password !!');</script>";
75          }
76      }
77  }
78  ?>
```

5. Buat file php baru dengan nama **index.php** simpan di dalam folder **admin**

```php
<?php
session_start();
include "../config/database.php";
include "../library/controllers.php";
$perintah = new oop();
@$table = "tbl_user";

@$username = $_POST['user'];
@$password = base64_encode($_POST['pass']);

@$redirect = "hal_admin.php?menu=home";
if (isset($_POST['login'])) {
    $perintah->login($con, $table, $username, $password, $redirect);
}
if (isset($_POST['batal'])) {
    echo "<script>document.location.href='../'</script>";
}
?>
<title>Login</title>
<form method="post">
    <table align="center">
        <tr>
            <td>Username</td>
            <td>:</td>
            <td><input type="text" name="user"></td>
        </tr>
        <tr>
            <td>Password</td>
            <td>:</td>
            <td><input type="password" name="pass"></td>
        </tr>
        <tr>
            <td></td>
            <td></td>
            <td><input type="submit" name="login" value="LOGIN">
                <input type="submit" name="batal" value="BATAL">
            </td>
        </tr>
    </table>
</form>
```

Setelah selesai jalankan pada web browser : **127.0.0.1/absensi**

6. Selanjutnya kita akan membuat halaman utama untuk admin, buat file php beri nama **hal_admin.php** dan simpan di folder **admin**

```php
<?php
@session_start();

include "../config/database.php";
include "../library/controllers.php";

$perintah = new oop();

$perintah->tampil($con, "tbl_user WHERE username = '$_SESSION[username]'");

if (empty($_SESSION['username'])) {
    echo "<script>alert('Silahkan login terlebih dahulu');document.location.href='index.php'</script>";
}
?>
<!DOCTYPE html>
<html>
    <head>
        <title>SIM ABSEN</title>
        <link rel="stylesheet" href="../css/style.css" type="text/css" />
    </head>
    <body>
        <div id="utama">
            <ul class="menu">

                <li><a href="?menu=home">Home</a></li>
                <li><a href="#">Input</a>

                    <ul>
                        <li><a href="?menu=siswa">Siswa</a></li>
                        <li><a href="?menu=rayon">Rayon</a></li>
                        <li><a href="?menu=rombel">Rombel</a></li>
                    </ul>

                </li>
                <li><a href="#">Absensi</a>

                    <ul>
                        <li><a href="?menu=absen">Absen</a></li>
                        <li><a href="?menu=ubahabsen">Ubah Absen</a></li>
                    </ul>

                </li>
                <li><a href="?menu=laporan">Laporan</a></li>
                <li><a href="logout.php" onClick="return confirm ('Anda Yakin Ingin Keluar ?')">Keluar</a></li>

            </ul>
```

```php
47
48          <div class="konten">
49              <?php
50              switch ($_GET['menu']) {
51                  case "home";
52                      include "home.php";
53                      break;
54
55                  case "siswa";
56                      include "siswa.php";
57                      break;
58
59                  case "rombel";
60                      include "rombel.php";
61                      break;
62
63                  case "rayon";
64                      include "rayon.php";
65                      break;
66
67                  case "absen";
68                      include "absen.php";
69                      break;
70
71                  case "ubahabsen";
72                      include "absensi_ubah.php";
73                      break;
74
75                  case "laporan";
76                      include "laporan.php";
77                      break;
78              }
79              ?>
80          </div>
81      </div>
82  </body>
83  </html>
```

7. Setelah selesai membuat halaman admin selanjutnya kita akan membuat menu home, buat file php baru beri nama **home.php** simpan di dalam folder **admin**, berikut sintak nya :

```html
<!DOCTYPE html>
<html>
    <head>
        <meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
        <title>SIM Absensi</title>
    </head>
    <body>
        <h1 align="center">Sistem Absensi Versi 1.0</h1>
        <br>
        <p align="center"><strong>Created by</strong> : Cofee & Love</p>
    </body>
</html>
```

8. Buat file php baru didalam folder **admin** beri nama **siswa.php**

```php
<?php
include "../config/database.php";

$perintah = new oop();

@$table = "tbl_siswa";
@$query = "query_siswa";
@$where = "nis = $_GET[id]";
@$redirect = "?menu=siswa";
@$tanggal = $_POST['thn'] . "-" . $_POST['bln'] . "-" . $_POST['tgl'];
@$folder = "../foto";
if (isset($_POST['simpan'])) {
    $foto = $_FILES['foto'];
    $upload = $perintah->upload($foto, $folder);
    $field = array('nis' => $_POST['nis'], 'nama' => $_POST['nama'], 'jk' => $_POST['jk'], 'id_rayon' => $_POST['rayon'],
                   'id_rombel' => $_POST['rombel'], 'foto' => $upload, 'tgl_lahir' => $tanggal);
    $perintah->simpan($con, $table, $field, $redirect);
}

if (isset($_GET['hapus'])) {
    $perintah->hapus($con, $table, $where, $redirect);
}
```

```php
24   if (isset($_GET['edit'])) {
25       $edit = $perintah->edit($query, $where);
26       if ($edit['jk'] == "L") {
27           $l = "checked";
28       } else {
29           $p = "checked";
30       }
31       $date = explode("-", $edit['tgl_lahir']);
32       $thn = $date[0];
33       $bln = $date[1];
34       $tgl = $date[2];
35   }
36
37   if (isset($_POST['ubah'])) {
38       $foto = $_FILES['foto'];
39       $upload = $perintah->upload($foto);
40       if (empty($_FILES['foto']['name'])) {
41           $field = array('nis' => $_POST['nis'], 'nama' => $_POST['nama'], 'jk' => $_POST['jk'],
42                          'id_rayon' => $_POST['rayon'], 'id_rombel' => $_POST['rombel'], 'tgl_lahir' => $tanggal);
43           $perintah->ubah($table, $field, $where, $redirect);
44       } else {
45           $field = array('nis' => $_POST['nis'], 'nama' => $_POST['nama'], 'jk' => $_POST['jk'],'id_rayon' => $_POST['rayon'],
46                          'id_rombel' => $_POST['rombel'], 'foto' => $upload, 'tgl_lahir' => $tanggal);
47           $perintah->ubah($table, $field, $where, $redirect);
48       }
49   }
50   ?>
51
52   <form method="post" enctype="multipart/form-data">
53       <table align="center">
54           <tr>
55               <td>NIS</td>
56               <td> : </td>
57               <td><input type="text" name="nis" value="<?php echo @$edit['nis'] ?>" required></td>
58           </tr>
59
60           <tr>
61               <td>Nama</td>
62               <td> : </td>
63               <td><input type="text" name="nama" value="<?php echo @$edit['nama'] ?>" required></td>
64           </tr>
65
66           <tr>
67               <td>Jenis Kelamin</td>
68               <td> : </td>
69               <td><input type="radio" name="jk" required value="L" <?php echo @$l ?> />Laki-laki
70                   <input type="radio" name="jk" required value="P" <?php echo @$p ?> />Perempuan
71               </td>
72           </tr>
73
74           <tr>
75               <td>Rayon</td>
76               <td> : </td>
77               <td><select name="rayon" required>
78                       <option value="<?php echo @$edit['id_rayon'] ?>"><?php echo @$edit['rayon'] ?></option>
79                       <?php
80                       $a = $perintah->tampil($con, "tbl_rayon");
81                       foreach ($a as $r) {
82                       ?>
83                           <option value="<?php echo $r['0'] ?>"><?php echo $r['1'] ?></option>
84                       <?php } ?>
85                   </select></td>
86           </tr>
87
```

```php
87
88    <tr>
89        <td>Rombel</td>
90        <td> : </td>
91        <td><select name="rombel" required>
92            <option value="<?php echo @$edit['id_rombel'] ?>"><?php echo @$edit['rombel'] ?></option>
93            <?php
94            $a = $perintah->tampil($con, "tbl_rombel");
95            foreach ($a as $r) {
96            ?>
97                <option value="<?php echo $r['0'] ?>"><?php echo $r['1'] ?></option>
98            <?php } ?>
99        </select></td>
100   </tr>
101
102   <tr>
103       <td>Foto</td>
104       <td>:</td>
105       <td><input type="file" name="foto"></td>
106   </tr>
107
108   <tr>
109       <td>Tangal Lahir</td>
110       <td>:</td>
111       <td>
112           <select name="tgl" required>
113               <option value="<?php echo @$tgl ?>"><?php echo @$tgl ?></option>
114               <?php
115               for ($tgl = 1; $tgl <= 31; $tgl++) {
116                   if ($tgl <= 9) {
117                       ?>
118                       <option value="<?php echo "0" . $tgl; ?>"><?php echo "0" . $tgl; ?></option>
119                   <?php } else { ?>
120                       <option value="<?php echo $tgl; ?>"><?php echo $tgl; ?></option>
121                   <?php }
122               } ?>
123           </select>
124
125           <select name="bln" required>
126               <option value="<?php echo @$bln; ?>"><?php echo @$bln; ?></option>
127               <?php
128               for ($bln = 1; $bln <= 12; $bln++) {
129                   if ($bln <= 9) {
130                       ?>
131                       <option value="<?php echo "0" . $bln; ?>"><?php echo "0" . $bln; ?></option>
132                   <?php } else {
133   ; ?>
134                       <option value="<?php echo $bln; ?>"><?php echo $bln; ?></option>
135       <?php }
136   } ?>
137           </select>
138
139           <select name="thn" required>
140               <option value="<?php echo @$thn; ?>"><?php echo @$thn; ?></option>
141               <?php
142               for ($thn = 1996; $thn <= 2001; $thn++) {
143                   ?>
144                   <option value="<?php echo $thn; ?>"><?php echo $thn; ?></option>
145               <?php } ?>
146           </select>
147       </td>
148   </tr>
```

```php
149
150        <tr>
151            <td></td>
152            <td></td>
153            <td>
154                <?php if (@$_GET['id'] == "") { ?>
155                    <input type="submit" name="simpan" value="Simpan">
156                <?php } else { ?>
157                    <input type="submit" name="ubah" value="Ubah">
158    <?php } ?>
159            </td>
160        </tr>
161    </table>
162    </form>
163    <br />
164    <table align="center" border="1">
165        <tr>
166            <td>No</td>
167            <td>Nis</td>
168            <td>Nama</td>
169            <td>JK</td>
170            <td>Rayon</td>
171            <td>Rombel</td>
172            <td>Foto</td>
173            <td>Tanggal Lahir</td>
174            <td colspan="2">Aksi</td>
175        </tr>
176
177    <?php
178    $a = $perintah->tampil($con, "query_siswa");
179    $no = 0;
180    if ($a == "") {
181        echo "<tr><td align='center' colspan='10'>NO RECORD</td></tr>";
182    } else {
183        foreach ($a as $r) {
184            $no++;
185            ?>
186
187        <tr>
188            <td><?php echo $no; ?></td>
189            <td><?php echo $r['nis']; ?></td>
190            <td><?php echo $r['nama']; ?></td>
191            <td><?php echo $r['jk']; ?></td>
192            <td><?php echo $r['rayon'] ?></td>
193            <td><?php echo $r['rombel'] ?></td>
194            <td><img src="../foto/<?php echo $r['foto'] ?>" width="50" height="50" /></td>
195            <td><?php echo $r['tgl_lahir'] ?></td>
196            <td><a href="?menu=siswa&hapus&id=<?php echo $r['nis'] ?>" onClick="return confirm('Hapus data ?')">
197                <img src="../images/b_drop.png"></a></td>
198            <td><a href="?menu=siswa&edit&id=<?php echo $r['nis'] ?>"><img src="../images/b_edit.png"></a></td>
199        </tr>
200    <?php } } ?>
201    </table>
202    <br>
```

9. Buat file php baru didalam folder **admin** beri nama **rombel.php**

```php
<?php
include "../config/database.php";

$perintah = new oop();

@$table = "tbl_rombel";
@$where = "id_rombel = $_GET[id]";
@$redirect = "?menu=rombel";
@$field = array('rombel' => $_POST['rombel']);

if (isset($_POST['simpan'])) {
    $perintah->simpan($con, $table, $field, $redirect);
}

if (isset($_GET['hapus'])) {
    $perintah->hapus($con, $table, $where, $redirect);
}

if (isset($_GET['edit'])) {
    $edit = $perintah->edit($con, $table, $where);
}
if (isset($_POST['ubah'])) {
    $perintah->ubah($con, $table, $field, $where, $redirect);
}
?>
```

```php
26
27   <form method="post">
28       <table align="center">
29           <tr>
30               <td>Rombel</td>
31               <td>:</td>
32               <td><input type="text" name="rombel" value="<?php echo @$edit['rombel'] ?>" required placeholder="Rombel"></td>
33           </tr>
34           <tr>
35               <td></td>
36               <td></td>
37               <td>
38                   <?php if (@$_GET['id'] == "") { ?>
39                       <input type="submit" name="simpan" value="Simpan">
40                   <?php } else { ?>
41                       <input type="submit" name="ubah" value="Ubah">
42                   <?php } ?>
43               </td>
44           </tr>
45       </table>
46   </form>
47   <br />
48   <table align="center" border="1">
49       <tr>
50           <td>No</td>
51           <td>Rombel</td>
52           <td colspan="2">Aksi</td>
53       </tr>
54       <?php
55       $a = $perintah->tampil($con, $table);
56       $no = 0;
57       if ($a == "") {
58           echo "<tr><td align='center' colspan='4'>NO RECORD</td></tr>";
59       } else {
60           foreach ($a as $r) {
61               $no++;
62               ?>
63               <tr>
64                   <td><?php echo $no; ?></td>
65                   <td><?php echo $r['rombel'] ?></td>
66                   <td><a href="?menu=rombel&edit&id=<?php echo $r['id_rombel'] ?>"><img src="../images/b_edit.png"></a></td>
67                   <td><a href="?menu=rombel&hapus&id=<?php echo $r['id_rombel'] ?>" onClick="return confirm ('Hapus Data ?')">
68                       <img src="../images/b_drop.png"></a></td>
69               </tr>
70           <?php }
71       } ?>
72   </table>
73   <br />
```

10. Buat file php baru didalam folder **admin** beri nama **rayon.php**

```php
<?php
include "../config/database.php";

$perintah = new oop();

@$table = "tbl_rayon";
@$where = "id_rayon = $_GET[id]";
@$redirect = "?menu=rayon";
@$field = array('rayon' => $_POST['rayon']);

if (isset($_POST['simpan'])) {
    $perintah->simpan($con, $table, $field, $redirect);
}

if (isset($_GET['hapus'])) {
    $perintah->hapus($con, $table, $where, $redirect);
}

if (isset($_GET['edit'])) {
    $edit = $perintah->edit($con, $table, $where);
}
if (isset($_POST['ubah'])) {
    $perintah->ubah($con, $table, $field, $where, $redirect);
}
?>
```

```html
<form method="post">
    <table align="center">
        <tr>
            <td>Rayon</td>
            <td>:</td>
            <td><input type="text" name="rayon" value="<?php echo @$edit['rayon'] ?>" required placeholder="Rayon"></td>
        </tr>
        <tr>
            <td></td>
            <td></td>
            <td>
                <?php if (@$_GET['id'] == "") { ?>
                    <input type="submit" name="simpan" value="Simpan">
                <?php } else { ?>
                    <input type="submit" name="ubah" value="Ubah">
                <?php } ?>
            </td>
        </tr>
    </table>
</form>
<br />
```

```
48    <table align="center" border="1">
49        <tr>
50            <td>No</td>
51            <td>Rayon</td>
52            <td colspan="2">Aksi</td>
53        </tr>
54        <?php
55        $a = $perintah->tampil($con, $table);
56        $no = 0;
57        if ($a == "") {
58            echo "<tr><td align='center' colspan='4'>NO RECORD</td></tr>";
59        } else {
60            foreach ($a as $r) {
61                $no++;
62                ?>
63                <tr>
64                    <td><?php echo $no; ?></td>
65                    <td><?php echo $r['rayon'] ?></td>
66                    <td><a href="?menu=rayon&edit&id=<?php echo $r['id_rayon'] ?>"><img src="../images/b_edit.png"></a></td>
67                    <td><a href="?menu=rayon&hapus&id=<?php echo $r['id_rayon'] ?>" onClick="return confirm ('Hapus Data ?')">
68                        <img src="../images/b_drop.png"></a></td>
69                </tr>
70            <?php }
71        } ?>
72    </table>
73    <br />
```

11. Buat file php baru didalam folder **admin** beri nama **absen.php**

```
1    <?php
2    date_default_timezone_set('Asia/Jakarta');
3    include "../config/database.php";
4    $perintah = new oop();
5
6    if (!empty($_GET['rombel'])) {
7    $isinya = mysqli_fetch_array(mysqli_query($con, "SELECT * FROM tbl_rombel WHERE id_rombel='$_GET[rombel]'"));
8    $id_rombel = $isinya['id_rombel'];
9    $rombel = $isinya['rombel'];
10   }
11
12   ?>
13
14   <form method="post" >
15       <table align="center">
16           <tr>
17               <td>Pilih Rombel</td>
18               <td>:</td>
19               <td>
20                   <select name="rombel">
21                       <option value="<?php echo @$id_rombel ?>"><?php echo @$rombel ?></option>
22                       <?php
23                       $a = $perintah->tampil($con, "tbl_rombel");
24                       foreach ($a as $r) {
25                           ?>
26                           <option value="<?php echo $r['0'] ?>"><?php echo $r['1'] ?></option>
27                       <?php } ?>
28                   </select></td>
29               <td></td>
30               <td><input type="submit" name="cetak" value="Cetak"></td>
31           </tr>
32       </table>
33       <hr>
```

```php
34    <?php
35    if (isset($_POST['cetak'])) {
36        echo "<script>document.location.href='?menu=absen&rombel=$_POST[rombel]'</script>";
37    }
38    if (!empty($_GET['rombel'])) {
39        $tgl_sekarang = date('Y-m-d');
40        $cek = mysqli_fetch_array(mysqli_query($con, "SELECT * FROM query_absen WHERE id_rombel = '$_GET[rombel]' and tgl_absen = '$tgl_sekarang' "));
41        if ($cek['tgl_absen'] == $tgl_sekarang and $cek['id_rombel'] == $_GET[rombel]) {
42            echo "<script>alert('Rombel $rombel sudah di absen hari ini');document.location.href='?menu=absen'</script>";
43        } else {
44            ?>
45            <br>
46            <table border="1" align="center">
47                <tr>
48                    <td rowspan="2">No</td>
49                    <td rowspan="2">NIS</td>
50                    <td rowspan="2">Nama</td>
51                    <td rowspan="2">Rombel</td>
52                    <td colspan="4" align="center">Keterangan</td>
53                </tr>
54                <tr>
55                    <td>Hadir</td>
56                    <td>Sakit</td>
57                    <td>Izin</td>
58                    <td>Alpa</td>
59                </tr>
60                <?php
61                $no = 0;
62                $sql = "SELECT * FROM query_siswa WHERE id_rombel = '$_GET[rombel]'";
63                $query = mysqli_query($con, $sql);
64                $cek = mysqli_num_rows($query);
65                if ($cek == "") {
66                    echo "<tr><td align='center' colspan='8'>NO RECORD</td></tr>";
67                } else {
68
69                    while($r= mysqli_fetch_array($query)){
70                    $no++;
71
72                    ?>
73                        <tr>
74                            <td><?php echo $no ?></td>
75                            <td><?php echo $r['nis'] ?></td>
76                            <td><?php echo $r['nama'] ?></td>
77                            <td><?php echo $r['rombel'] ?></td>
78                            <td><input type="radio" checked="checked" name="keterangan<?php echo $r['nis'] ?>" value="hadir"/></td>
79                            <td><input type="radio" name="keterangan<?php echo $r['nis'] ?>" value="sakit"/></td>
80                            <td><input type="radio" name="keterangan<?php echo $r['nis'] ?>" value="ijin"/></td>
81                            <td><input type="radio" name="keterangan<?php echo $r['nis'] ?>" value="alpa"/></td></td>
82                        </tr>
83
85            <?php
86        $tgl=date('Y-m-d');
87            $table="tbl_absen";
88            $redirect = '?menu=absen';
89
90            if($_POST['keterangan'.$r['nis']]=='hadir'){
91                    $field=array('nis'=>$r['nis'],'hadir'=>'1','sakit'=>'0','ijin'=>'0','alpa'=>'0','tgl_absen'=>$tgl);
92
93            }elseif($_POST['keterangan'.$r['nis']]=='sakit'){
94                    $field=array('nis'=>$r['nis'],'hadir'=>'0','sakit'=>'1','ijin'=>'0','alpa'=>'0','tgl_absen'=>$tgl);
95
96            }elseif($_POST['keterangan'.$r['nis']]=='ijin'){
97                    $field=array('nis'=>$r['nis'],'hadir'=>'0','sakit'=>'0','ijin'=>'1','alpa'=>'0','tgl_absen'=>$tgl);
98
99            }else{
100                    $field=array('nis'=>$r['nis'],'hadir'=>'0','sakit'=>'0','ijin'=>'0','alpa'=>'1','tgl_absen'=>$tgl);
101            }
102                if(isset($_REQUEST['simpan'])){
103                        if($perintah->simpan($table,$field,$redirect)){
104                        }
105                }
106        }
107                    ?>
108    <tr>
109        <td colspan="10" align="center"><input type="submit" name="simpan" value="Simpan"></td>
110        </tr>
111    </table>
112    <?php } } }?>
113    </form>
114    <br />
```

12. Buat file php baru didalam folder **admin** beri nama **absensi_ubah.php**

```php
<?php
date_default_timezone_set('Asia/Bangkok');
?>

<?php
include "../config/database.php";

$perintah = new oop();

$id = $_GET['id'];
$where = "nis = $_GET[nis]";
$query = "query_absen";
$table = "tbl_rombel";

if(!empty($_GET['rombel'])){
    $isinya = mysql_fetch_array(mysql_query("SELECT * FROM tbl_rombel WHERE id_rombel = '$_GET[rombel]'"));
}
?>
<form method="post" >
    <table align="center">
    <tr>
        <td>Pilih Rombel</td>
        <td>:</td>
        <td>
            <select name="rombel">
                <option value="<?php echo $isinya['id_rombel']?>"><?php echo $isinya['rombel']?></option>
                <option value=""></option>
                <?php
                $a = $perintah->tampil("tbl_rombel");
                foreach($a as $r){ ?>
                <option value="<?php echo $r['0'] ?>"><?php echo $r['1'] ?></option>
                <?php } ?>
            </select>
        </td>
    </tr>

    <tr>
        <td>Tangal Absen</td>
        <td>:</td>
        <td>
            <select name="tgl">
                <option value="<?php echo $tgl ?>"><?php echo $tgl ?></option>
                <option value=""></option>
                <?php
                for ($tgl = 1; $tgl <= 31; $tgl++) {
                    if ($tgl <= 9) {
                        ?>
                        <option value="<?php echo "0" . $tgl; ?>"><?php echo "0" . $tgl; ?></option>
                    <?php } else { ?>
                        <option value="<?php echo $tgl; ?>"><?php echo $tgl; ?></option>
                    <?php
                    }
                }
                ?>
            </select>
```

```php
57          <select name="bln">
58              <option value="<?php echo $bln; ?>"><?php echo $bln; ?></option>
59              <option value=""></option>
60              <?php
61              for ($bln = 1; $bln <= 12; $bln++) {
62                  if ($bln <= 9) {
63                      ?>
64                      <option value="<?php echo "0" . $bln; ?>"><?php echo "0" . $bln; ?></option>
65                  <?php
66                  } else {
67                      ;
68                      ?>
69                      <option value="<?php echo $bln; ?>"><?php echo $bln; ?></option>
70                  <?php
71                  }
72              }
73              ?>
74          </select>
75
76          <select name="thn">
77              <option value="<?php echo $thn; ?>"><?php echo $thn; ?></option>
78              <option value=""></option>
79              <?php
80              for ($thn = 2011; $thn <= 2016; $thn++) {
81                  ?>
82                  <option value="<?php echo $thn; ?>"><?php echo $thn; ?></option>
83              <?php } ?>
84          </select>
85      </td>
86  </tr>
87
88  <td><input type="submit" name="cetak" value="Cetak" /></td>
89      </table>
90  <hr />
91  <?php
92  if (isset($_POST['cetak'])) {
93      echo "<script>document.location.href='?menu=ubahabsen&rombel=$_POST[rombel]&thn=$_POST[thn]&bln=$_POST[bln]
94      &tgl=$_POST[tgl]'</script>";
95  }
96  if (!empty($_GET['rombel'])) {
97      ?>
98  <br>
99  <table border="1" cellspacing="0" align="center">
100     <tr align="center">
101         <td rowspan="2">No</td>
102         <td rowspan="2">NIS</td>
103         <td rowspan="2">Nama</td>
104         <td rowspan="2">Rombel</td>
105         <td colspan="4" align="center">Keterangan</td>
106     </tr>
107
108     <tr>
109         <td>Hadir</td>
110         <td>Sakit</td>
111         <td>Izin</td>
112         <td>Alpa</td>
113     </tr>
```

```php
<?php
$a = $perintah->tampil("query_absen WHERE id_rombel = '$_GET[rombel]' and
        tgl_absen = '$_GET[thn]-$_GET[bln]-$_GET[tgl]'");
$no = 0;
if ($a == "") {
    echo "<tr><td align='center' colspan='8'>NO RECORD</td></tr>";
} else {
    foreach ($a as $r) {
        $no++;

        if ($r['hadir'] == 1) {
            $hadir = "checked";
            $sakit = "";
            $izin = "";
            $alpa = "";
        }
        if ($r['sakit'] == 1) {
            $hadir = "";
            $sakit = "checked";
            $izin = "";
            $alpa = "";
        }
        if ($r['izin'] == 1) {
            $hadir = "";
            $sakit = "";
            $izin = "checked";
            $alpa = "";
        }
if ($r['alpa'] == 1) {
    $hadir = "";
    $sakit = "";
    $izin = "";
    $alpa = "checked";
}
?>

<tr>
    <td><?php echo $no?></td>
    <td><?php echo $r['nis']?></td>
    <td><?php echo $r['nama']?></td>
    <td><?php echo $r['rombel']?></td>
    <td><input type="radio" name="keterangan<?php echo $r['nis']?>" value="hadir" <?php echo $hadir ?>/></td>
    <td><input type="radio" name="keterangan<?php echo $r['nis']?>" value="sakit" <?php echo $sakit ?>/></td>
    <td><input type="radio" name="keterangan<?php echo $r['nis']?>" value="ijin" <?php echo $ijin ?>/></td>
    <td><input type="radio" name="keterangan<?php echo $r['nis']?>" value="alpa" <?php echo $alpa ?>/></td>
</tr>
```

```php
161            <?php
162            $tgl=date('Y-m-d');
163            $table= "tbl_absen";
164            $redirect = '?menu=ubahabsen';
165            $where = "nis = $r[nis]";
166
167            if($_POST['keterangan'.$r['nis']]=='hadir'){
168                   $field=array('nis'=>$r['nis'],'hadir'=>'1','sakit'=>'0','ijin'=>'0','alpa'=>'0','tgl_absen'=>$tgl);
169
170            }elseif($_POST['keterangan'.$r['nis']]=='sakit'){
171                   $field=array('nis'=>$r['nis'],'hadir'=>'0','sakit'=>'1','ijin'=>'0','alpa'=>'0','tgl_absen'=>$tgl);
172
173            }elseif($_POST['keterangan'.$r['nis']]=='ijin'){
174                   $field=array('nis'=>$r['nis'],'hadir'=>'0','sakit'=>'0','ijin'=>'1','alpa'=>'0','tgl_absen'=>$tgl);
175
176            }else{
177                   $field=array('nis'=>$r['nis'],'hadir'=>'0','sakit'=>'0','ijin'=>'0','alpa'=>'1','tgl_absen'=>$tgl);
178            }
179                   if(isset($_REQUEST['ubah'])){
180                          $perintah->ubah($table,$field,$where,$redirect);
181
182                   }
183            }
184            ?>
185            <tr>
186       <td colspan="10" align="center"><input type="submit" name="ubah" value="Ubah"></td>
187            </tr>
188   </table>
189   <?php } }?>
190   </form>
191   <br />
```

13. Buat file php baru didalam folder **admin** beri nama **laporan.php**

```php
<?php
date_default_timezone_set('Asia/Bangkok');
?>

<?php
include "../config/database.php";

$perintah = new oop();

if (!empty($_GET['rombel'])) {
    $isinya = mysql_fetch_array(mysql_query("SELECT * FROM tbl_rombel WHERE id_rombel = '$_GET[rombel]' "));
}
?>
<title>Laporan Absenis</title>
<br>
<center>
    <font size="+3">Form Laporan Absensi</font>
</center>
<hr>
<form method="post">
    <table align="center">
        <tr>
            <td>Pilih Rombel</td>
            <td>:</td>
            <td>
                <select name="rombel">
                    <option value="<?php echo $isinya['id_rombel'] ?>"><?php echo $isinya['rombel'] ?></option>
                    <?php
                    $a = $perintah->tampil("tbl_rombel");
                    foreach ($a as $r) {
                        ?>
                        <option value="<?php echo $r['0'] ?>"><?php echo $r['1'] ?></option>
<?php } ?>
                </select>
            </td>
            <td><input type="submit" name="cetak" value="Cetak"></td>
        </tr>
    </table>
    <br/>
    <?php
    if (isset($_POST['cetak'])) {
        echo "<script>document.location.href='laporan_today.php?menu=laporan&rombel=$_POST[rombel]'</script>";
    }
    ?>
</form>
<br />
```

14. Buat file php baru didalam folder **admin** beri nama **laporan_today.php**

```php
<?php
include "../config/database.php";
?>
<!DOCTYPE html>
<html>
    <head>
        <meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
        <title>LAPORAN ABSEN</title>
    </head>

    <body>
        <style>
            .utama{
                margin:0 auto;
                border:thin solid #000;
                width:700px;
            }
            .print{
                margin:0 auto;
                width:700px;
            }
            a{
                text-decoration: none;

            }
        </style>
            <a href="#" onclick="document.getElementById('print').style.display='none';window.print();">
                <img src="../images/print-icon.png" id="print" width="25" height="25" border="0" /></a>
        </div>
        <div class="utama">
            <table width="98%" border="0" cellspacing="0" cellpadding="0" align="center" style="margin-top:10px;">
                <tr>
                    <td width="7%" rowspan="3" align="center" valign="top">
                        <img src="../images/logo.png" width="55" height="55" /></td>
                    <td width="93%" valign="top"><strong> LAPORAN KEHADIRAN </strong></td>
                </tr>
                <tr>
                    <td valign="top"> SMK Wikrama Kota Bogor </td>
                </tr>
                <tr>
                    <td valign="top"> Ilmu yang Amaliah, Amal yang Ilmiah, Akhlakul Karimah </td>
                </tr>
            </table>
            <table width="100%">
                <tr><td><hr></td></tr>
            </table>
```

```php
48              <table cellspacing="1" align="center" border="1">
49                  <tr align="center">
50                      <td rowspan="2">No</td>
51                      <td rowspan="2" width="100">NIS</td>
52                      <td rowspan="2" width="150">Nama</td>
53                      <td rowspan="2" width="100">Rombel</td>
54                      <td colspan="4">Keterangan</td>
55                      <td rowspan="2" width="50">Bulan</td>
56                      <td rowspan="2">Lihat</td>
57                  </tr>
58
59                  <tr align="center">
60                      <td width="25">H</td>
61                      <td width="25">S</td>
62                      <td width="25">I</td>
63                      <td width="25">A</td>
64                  </tr>
65          <?php
66          $data = mysql_fetch_array(mysql_query("SELECT * FROM query_absen"));
67          $bulan_sekarang_db = $data['tgl_absen'];
68          $ambil_bulan = substr($bulan_sekarang_db, 5, 2);
69          $bulan_sekarang = date('Y-m-d');
70          $bulan = substr($bulan_sekarang, 5, 2);
71
72          if ($bulan == $ambil_bulan) {
73
74              $sql = mysql_query("SELECT SUM(hadir) AS hadir, SUM(sakit) AS sakit, SUM(ijin) AS izin,
75                  SUM(alpa) AS alpa , nis, nama, rombel, tgl_absen, id_rombel FROM query_absen
76                  WHERE id_rombel='$_GET[rombel]' GROUP BY nis");
77              $no = 0;
78              while ($r = mysql_fetch_array($sql)) {
79                  $no++;
80                  ?>
81                  <tr align="center">
82                      <td><?php echo $no ?></td>
83                      <td><?php echo $r['nis'] ?></td>
84                      <td><?php echo $r['nama'] ?></td>
85                      <td><?php echo $r['rombel'] ?></td>
86                      <td><?php echo $r['hadir'] ?></td>
87                      <td><?php echo $r['sakit'] ?></td>
88                      <td><?php echo $r['izin'] ?></td>
89                      <td><?php echo $r['alpa'] ?></td>
90                      <td><?php echo date('M') ?></td>
91                      <td><a target="_blank" href="laporan_rombel_detil.php?rombel=<?php echo $r['id_rombel'] ?>
92                          &nis=<?php echo $r['nis'] ?>&tgl=<?php echo $r['tgl_absen'] ?>">Detail</a></td>
93                  </tr>
94          <?php } }?>
95              </table>
96              <br>
97          </div>
98      </body>
99      <center><p>&copy; <?php echo date('Y'); ?> SMK WIKRAMA BOGOR</p></center>
100 </html>
```

15. Buat file php baru didalam folder **admin** beri nama **laporan_rombel_detil.php**

```php
<?php
include "../config/database.php";
include "../library/controllers.php";
$perintah = new oop();
?>
<!DOCTYPE html>
<html>
    <head>
        <meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
        <title>LAPORAN KEHADIRAN DETAIL</title>
    </head>

    <body>

        <style>
            .utama{
                margin:0 auto;
                border:thin solid #000;
                width:700px;
            }
            .print{
                margin:0 auto;
                width:700px;
            }
            a{
                text-decoration: none;

            }
        </style>

        <div class="print">
            <a href="#" onclick="document.getElementById('print').style.display='none';window.print();">
                <img src="../images/print-icon.png" id="print" width="25" height="25" border="0" /></a>
        </div>
        <div class="utama">
            <table width="98%" border="0" cellspacing="0" cellpadding="0" align="center" style="margin-top:10px;">
                <tr>
                    <td width="7%" rowspan="3" align="center" valign="top">
                        <img src="../images/logo.png" width="55" height="55" />
                    </td>
                    <td width="93%" valign="top"><strong> LAPORAN KEHADIRAN </strong></td>
                </tr>
                <tr>
                    <td valign="top"> SMK Wikrama Kota Bogor </td>
                </tr>
                <tr>
                    <td valign="top"> Ilmu yang Amaliah, Amal yang Ilmiah, Akhlakul Karimah </td>
                </tr>
            </table>

            <table width="100%">
                <tr><td><hr></td></tr>
            </table>
```

```php
55              <table cellspacing="1" align="center" border="1">
56                  <tr align="center" >
57                      <td rowspan="2" width="30">No</td>
58                      <td rowspan="2" width="100">NIS</td>
59                      <td rowspan="2" width="150">Nama</td>
60                      <td rowspan="2" width="100">Rombel</td>
61                      <td colspan="4">Keterangan</td>
62                      <td rowspan="2" width="100">Tanggal</td>
63                  </tr>
64
65                  <tr align="center" bgcolor="#FFFFFF">
66                      <td width="30">H</td>
67                      <td width="30">S</td>
68                      <td width="30">I</td>
69                      <td width="30">A</td>
70                  </tr>
71                  <?php
72                  $a = $perintah->tampil("query_absen WHERE nis = '$_GET[nis]'");
73                  $no = 0;
74                  if ($a == "") {
75                      echo "<table><tr><td colspan='9'>NO RECORDS</td></tr></table>";
76                  } else {
77                      foreach ($a as $r) {
78                          $no++;
79                          ?>
80                          <tr align="center">
81                              <td><?php echo $no ?></td>
82                              <td><?php echo $r['nis'] ?></td>
83                              <td><?php echo $r['nama'] ?></td>
84                              <td><?php echo $r['rombel'] ?></td>
85                              <td><?php echo $r['hadir'] ?></td>
86                              <td><?php echo $r['sakit'] ?></td>
87                              <td><?php echo $r['ijin'] ?></td>
88                              <td><?php echo $r['alpa'] ?></td>
89                              <td><?php echo $r['tgl_absen'] ?></td>
90                          </tr>
91                          <?php
92                      }
93                  }
94                  ?>
95              </table>
96              <br />
97          </div>
98      <center><p>&copy; <?php echo date('Y'); ?> SMK WIKRAMA BOGOR</p></center>
99  </body>
100 </html>
```

16. Buat file php baru didalam folder **admin** beri nama **logout.php**

```php
<?php

session_start();
session_destroy();
echo "<script>alert('Logout Success');document.location.href='../'</script>";
?>
```

17. Halaman admin sudah selesai dibuat, selanjutnya kita akan membuat halaman untuk login **peserta didik**.Buat file php beri nama **index.php** dan simpan di folder **pesertadidik**

```php
<?php
session_start();

include "../config/database.php";

$a = mysql_query("SELECT * FROM tbl_siswa WHERE nis ='$_POST[user]'");
$b = mysql_fetch_array($a);
$c = mysql_num_rows($a);
$nama = $b['nama'];

if (isset($_POST['login'])) {
    if ($c > 0) {
        if ($_POST['pass'] == $_POST['user']) {
            $_SESSION['username'] = $_POST['user'];
            $_SESSION['password'] = $_POST['pass'];
            echo "<script>alert('Selamat datang $nama');document.location.href='hal_peserta_didik.php?menu=home'</script>";
        } else {
            echo "<script>alert('Username dan Password Tidak Sesuai!!');document.location.href='index.php'</script>";
        }
    }
}

if (isset($_POST['batal'])) {
    echo "<script>document.location.href='../'</script>";
}
?>
<title>Login</title>
<form method="post">
    <table align="center">
        <tr>
            <td>Username</td>
            <td>:</td>
            <td><input type="text" name="user"></td>
        </tr>
        <tr>
            <td>Password</td>
            <td>:</td>
            <td><input type="password" name="pass"></td>
        </tr>
        <tr>
            <td></td>
            <td></td>
            <td><input type="submit" name="login" value="LOGIN">
                <input type="submit" name="batal" value="BATAL">
            </td>
        </tr>
    </table>
</form>
```

18. Buat file php baru didalam folder **pesertadidik** beri nama **hal_peserta_didik.php**

```php
<?php
@session_start();

include "../config/database.php";
include "../library/controllers.php";

$perintah = new oop();

$perintah->tampil("tbl_siswa WHERE nis = '$_SESSION[username]'");

if (empty($_SESSION['username'])) {
    echo "<script>alert('Silahkan login terlebih dahulu');document.location.href='index.php'</script>";
}
?>
<!DOCTYPE html>
<html>
    <head>
        <title>SIM ABSEN HAL PESERTA DIDIK</title>
        <link rel="stylesheet" href="../css/style.css" type="text/css" />
    </head>
    <body>
        <div id="utama">
            <ul class="menu">

                <li><a href="?menu=home">Home</a></li>
                <li><a href="#">Data Diri</a>
                    <ul>
                        <li><a href="?menu=lihat_data">Lihat</a></li>
                        <li><a href="?menu=edit_data&nis=<?php echo $_SESSION['username'] ?>">Edit</a></li>
                    </ul>
                </li>
                <li><a href="#">Laporan</a>
                    <ul>
                        <li><a target="_blank" href="laporan_today.php?menu=laporan&nis=<?php echo $_SESSION['username'] ?>">
                            Lihat</a></li>
                    </ul>
                </li>
                <li><a href="logout.php" onClick="return confirm ('Anda Yakin Ingin Keluar ?')">Keluar</a></li>

            </ul>

                    <div class="konten">
                        <?php
                        switch ($_GET['menu']) {
                            case "home";
                                include "home.php";
                                break;

                            case "lihat_data";
                                include "lihat_data.php";
                                break;

                            case "edit_data";
                                include "edit_data.php";
                                break;
                        }
                        ?>
                    </div>
                </div>
        </body>
</html>
```

19. Buat file php baru didalam folder **pesertadidik** beri nama **home.php**

```php
1   <?php
2   @session_start();
3
4   include "../config/database.php";
5
6   $tampil = mysql_fetch_array(mysql_query("SELECT * FROM query_siswa WHERE nis = '$_SESSION[username]'"));
7
8   if (empty($_SESSION['username'])) {
9       echo "<script>alert('Anda Belum Melakukan Login');document.location.href='index.php'</script>";
10  }
11  ?>
12
13  <!DOCTYPE html>
14  <html>
15      <head>
16          <meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
17          <title>SIM Absensi</title>
18      </head>
19
20      <body>
21          <h1 align="center">Welcome <a href="?menu=lihat_data" title="<?php echo $tampil[nama]; ?>">
22              <?php echo $tampil[nama]; ?></a></h1>
23          <h1 align="center">Sistem Absensi Versi 1.0</h1>
24      </body>
25  </html>
```

20. Buat file php baru didalam folder **pesertadidik** beri nama **lihat_data.php**

```php
1   <?php
2   @session_start();
3
4   include "../config/database.php";
5
6   $tampil = mysql_fetch_array(mysql_query("SELECT * FROM query_siswa WHERE nis = '$_SESSION[username]'"));
7
8   if (empty($_SESSION['username'])) {
9       echo "<script>alert('Anda Belum Melakukan Login');document.location.href='index.php'</script>";
10  }
11  ?>
12  <title>Form Siswa</title>
13  <h1 align="center">Berikut Data Diri Anda : </h1>
14  <table align="center">
15      <tr>
16          <td></td>
17          <td><img border="5" height="175" width="155" src= "../foto/<?php echo $tampil['foto'] ?>"></td>
18          <td></td>
19      </tr>
20  </table>
```

```
21 ☐   <table align="center">
22 ☐       <tr>
23                 <td>NIS</td>
24                 <td>:</td>
25                 <td><?php echo $tampil['nis'] ?></td>
26 ├       </tr>
27 ☐       <tr>
28                 <td>Nama</td>
29                 <td>:</td>
30                 <td><?php echo $tampil['nama'] ?></td>
31 ├       </tr>
32 ☐       <tr>
33                 <td>Kelamin</td>
34                 <td>:</td>
35                 <td><?php echo $tampil['jk'] ?></td>
36 ├       </tr>
37 ☐       <tr>
38                 <td>Rayon</td>
39                 <td>:</td>
40                 <td><?php echo $tampil['rayon'] ?></td>
41 ├       </tr>
42 ☐       <tr>
43                 <td>Rombel</td>
44                 <td>:</td>
45                 <td><?php echo $tampil['rombel'] ?></td>
46 ├       </tr>
47 ☐       <tr>
48                 <td>Tgl Lahir</td>
49                 <td>:</td>
50                 <td><?php echo $tampil['tgl_lahir'] ?></td>
51 ├       </tr>
52 └   </table>
53       <br />
```

21. Buat file php baru didalam folder **pesertadidik** beri nama **edit_data_diri.php**

```php
<?php
@session_start();

include "../config/database.php";

$tampil = mysql_fetch_array(mysql_query("SELECT * FROM query_siswa WHERE nis = '$_SESSION[username]'"));

if (empty($_SESSION['username'])) {
    echo "<script>alert('Anda Belum Melakukan Login');document.location.href='index.php'</script>";
}

if ($tampil['jk'] == "L") {
    $l = "checked";
} else {
    $p = "checked";
}
$date = explode("-", $tampil['tgl_lahir']);
$thn = $date[0];
$bln = $date[1];
$tgl = $date[2];

$perintah = new oop();
$table = "tbl_siswa";
$tanggal = $_POST['thn'] . "-" . $_POST['bln'] . "-" . $_POST['tgl'];
$field = array('nama' => $_POST['nama'], 'jk' => $_POST['jk'], 'id_rayon' => $_POST['rayon'],
    'id_rombel' => $_POST['rombel'], 'tgl_lahir' => $tanggal);
$where = "nis = $_GET[nis]";
$redirect = "?menu=lihat_data";

if (isset($_POST['ubah'])) {
    echo $perintah->ubah($table, $field, $where, $redirect);
    echo "ok";
}
?>

<title>Form Siswa</title>
<form method="post">
    <table align="center">
        <tr>
            <td></td>
            <td><img border="5" height="175" width="155" src= "../foto/<?php echo $tampil['foto'] ?>"></td>
            <td></td>
        </tr>
    </table>
    <table align="center">
        <tr>
            <td>NIS</td>
            <td>:</td>
            <td><?php echo $tampil['nis'] ?></td>
        </tr>
        <tr>
            <td>Nama</td>
            <td>:</td>
            <td><input type="text" name="nama" value="<?php echo $tampil['nama'] ?>" ></td>
        </tr>
```

```php
			<tr>
				<td>Kelamin</td>
				<td>:</td>
				<td><input type="radio" name="jk" value="L" <?php echo $l ?> />Laki-laki
					<input type="radio" name="jk" value="P" <?php echo $p ?> />Perempuan
				</td>
			<tr>
				<td>Rayon</td>
				<td>:</td>
				<td><select name="rayon">
						<option value="<?php echo $tampil['id_rayon'] ?>"><?php echo $tampil['rayon']; ?></option>
						<?php
						$E = mysql_query("select * from tbl_rayon");
						while ($r = mysql_fetch_array($E)) {
							?>
							<option value="<?php echo $r[0] ?>"><?php echo $r[1] ?></option>
						<?php } ?>
					</select></td>
			</tr>
			<tr>
				<td>Rombel</td>
				<td>:</td>
				<td><select name="rombel">
						<option value="<?php echo $tampil['id_rombel'] ?>"><?php echo $tampil['rombel']; ?></option>
						<?php
						$E = mysql_query("select * from tbl_rombel");
						while ($r = mysql_fetch_array($E)) {
							?>
							<option value="<?php echo $r[0] ?>"><?php echo $r[1] ?></option>
						<?php } ?>
					</select></td>
			</tr>
			<tr>
				<td>Tanggal Lahir</td>
				<td>:</td>
				<td><select name="tgl">
						<option value="<?php echo $tgl; ?>"><?php echo $tgl; ?></option>
						<option value="">-------</option>
						<?php
						for ($tgl = 1; $tgl <= 31; $tgl++) {
							if ($tgl <= 9) {
								?>
								<option value="<?php echo "0" . $tgl; ?>"><?php echo "0" . $tgl; ?></option>
								<?php
							} else {
								;
								?>
								<option value="<?php echo $tgl; ?>"><?php echo $tgl; ?></option>
								<?php
							}
						}
						?>
					</select>
```

```
109
110     <select name="bln">
111         <option value="<?php echo $bln; ?>"><?php echo $bln; ?></option>
112         <option value="">-------</option>
113     <?php
114     for ($bln = 1; $bln <= 12; $bln++) {
115         if ($bln <= 9) {
116             ?>
117             <option value="<?php echo "0" . $bln; ?>"><?php echo "0" . $bln; ?></option>
118             <?php
119         } else {
120             ;
121             ?>
122             <option value="<?php echo $bln; ?>"><?php echo $bln; ?></option>
123             <?php
124         }
125     }
126     ?>
127     </select>
128
129     <select name="thn">
130         <option value="<?php echo $thn; ?>"><?php echo $thn; ?></option>
131         <option value="">-------</option>
132     <?php
133     for ($thn = 1990; $thn <= 2012; $thn++) {
134         ?>
135         <option value="<?php echo $thn; ?>"><?php echo $thn; ?></option>
136         <?php
137     }
138     ?>
139     </select>
140     </tr>
141     <tr>
142         <td></td>
143         <td></td>
144         <td><input type="submit" name="ubah" value="Ubah"></td>
145     </tr>
146     </table>
147     <br />
148 </form>
```

22. Buat file php baru didalam folder **pesertadidik** beri nama **laporan_today.php**

```php
<?php
include "../config/database.php";
?>
<!DOCTYPE html>
<html>
    <head>
        <meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
        <title>LAPORAN ABSEN</title>
    </head>

    <body>
        <style>
            .utama{
                margin:0 auto;
                border:thin solid #000;
                width:700px;
            }
            .print{
                margin:0 auto;
                width:700px;
            }
            a{
                text-decoration: none;

            }
        </style>
        <div class="print">
            <a href="#" onclick="document.getElementById('print').style.display='none';window.print();">
                <img src="../images/print-icon.png" id="print" width="25" height="25" border="0" /></a>
        </div>
        <div class="utama">
            <table width="98%" border="0" cellspacing="0" cellpadding="0" align="center" style="margin-top:10px;">
                <tr>
                    <td width="7%" rowspan="3" align="center" valign="top">
                        <img src="../images/logo.png" width="55" height="55" /></td>
                        <td width="93%" valign="top"><strong> LAPORAN KEHADIRAN </strong></td>
                </tr>
                    <tr>
                        <td valign="top"> SMK Wikrama Kota Bogor </td>
                    </tr>
                    <tr>
                        <td valign="top"> Ilmu yang Amaliah, Amal yang Ilmiah, Akhlakul Karimah </td>
                    </tr>
            </table>
            <table width="100%">
                <tr><td><hr></td></tr>
            </table>
            <table cellspacing="1" align="center" border="1">
                <tr align="center">
                    <td rowspan="2">No</td>
                    <td rowspan="2" width="100">NIS</td>
                    <td rowspan="2" width="150">Nama</td>
                    <td rowspan="2" width="100">Rombel</td>
                    <td colspan="4">Keterangan</td>
                    <td rowspan="2" width="50">Bulan</td>
                    <td rowspan="2">Lihat</td>
                </tr>
```

```
59      <tr align="center">
60          <td width="25">H</td>
61          <td width="25">S</td>
62          <td width="25">I</td>
63          <td width="25">A</td>
64      </tr>
65      <?php
66      $data = mysql_fetch_array(mysql_query("SELECT * FROM query_absen"));
67      $bulan_sekarang_db = $data['tgl_absen'];
68      $ambil_bulan = substr($bulan_sekarang_db, 5, 2);
69      $bulan_sekarang = date('Y-m-d');
70      $bulan = substr($bulan_sekarang, 5, 2);
71
72      if ($bulan == $ambil_bulan) {
73
74          $sql = mysql_query("SELECT SUM(hadir) AS hadir, SUM(sakit) AS sakit, SUM(ijin) AS izin,
75                  SUM(alpa) AS alpa , nis, nama, rombel, tgl_absen, id_rombel FROM query_absen
76                  WHERE nis='$_GET[nis]'");
77          $no = 0;
78          while ($r = mysql_fetch_array($sql)) {
79              $no++;
80          ?>
81          <tr align="center">
82              <td><?php echo $no ?></td>
83              <td><?php echo $r['nis'] ?></td>
84              <td><?php echo $r['nama'] ?></td>
85              <td><?php echo $r['rombel'] ?></td>
86              <td><?php echo $r['hadir'] ?></td>
87              <td><?php echo $r['sakit'] ?></td>
88              <td><?php echo $r['izin'] ?></td>
89              <td><?php echo $r['alpa'] ?></td>
90              <td><?php echo date('M') ?></td>
91              <td><a target="_blank" href="laporan_rombel_detil.php?rombel=<?php echo $r['id_rombel'] ?>
92                  &nis=<?php echo $r['nis'] ?>&tgl=<?php echo $r['tgl_absen'] ?>">Detail</a></td>
93          </tr>
94          <?php
95          }
96      }
97      ?>
98      </table>
99      <br>
100     </div>
101 </body>
102 <center><p>&copy; <?php echo date('Y'); ?> SMK WIKRAMA BOGOR</p></center>
103 </html>
```

23. Buat file php baru didalam folder **pesertadidik** beri nama
    laporan_rombel_detil.php

```
<style>
    .utama{
        margin:0 auto;
        border:thin solid #000;
        width:700px;
    }
    .print{
        margin:0 auto;
        width:700px;
    }
    a{
        text-decoration: none;

    }
</style>

<?php
include "../config/database.php";
include "../library/controllers.php";
$perintah = new oop();
?>

<title>LAPORAN KEHADIRAN DETAIL</title>
<div class="print">
    <a href="#" onclick="document.getElementById('print').style.display='none';window.print();">
        <img src="../images/print-icon.png" id="print" width="25" height="25" border="0" /></a>
</div>
<div class="utama">
    <table width="98%" border="0" cellspacing="0" cellpadding="0" align="center" style="margin-top:10px;">
        <tr>
            <td width="7%" rowspan="3" align="center" valign="top"><img src="../images/logo.png" width="55" height="55" />
            </td>
            <td width="93%" valign="top"><strong> LAPORAN KEHADIRAN </strong></td>
        </tr>
        <tr>
            <td valign="top"> SMK Wikrama Kota Bogor </td>
        </tr>
        <tr>
            <td valign="top"> Ilmu yang Amaliah, Amal yang Ilmiah, Akhlakul Karimah </td>
        </tr>
    </table>

    <table width="100%">
        <tr><td><hr></td></tr>
    </table>
```

```
47      <table cellspacing="1" align="center" border="1">
48          <tr align="center" >
49              <td rowspan="2" width="30">No</td>
50              <td rowspan="2" width="100">NIS</td>
51              <td rowspan="2" width="150">Nama</td>
52              <td rowspan="2" width="100">Rombel</td>
53              <td colspan="4">Keterangan</td>
54              <td rowspan="2" width="100">Tanggal</td>
55          </tr>
56
57          <tr align="center" bgcolor="#FFFFFF">
58              <td width="30">H</td>
59              <td width="30">S</td>
60              <td width="30">I</td>
61              <td width="30">A</td>
62          </tr>
63          <?php
64          $a = $perintah->tampil("query_absen WHERE nis = '$_GET[nis]'");
65          $no = 0;
66          if ($a == "") {
67              echo "<table><tr><td colspan='9'>NO RECORDS</td></tr></table>";
68          } else {
69              foreach ($a as $r) {
70                  $no++;
71                  ?>
72                  <tr align="center">
73                      <td><?php echo $no ?></td>
74                      <td><?php echo $r['nis'] ?></td>
75                      <td><?php echo $r['nama'] ?></td>
76                      <td><?php echo $r['rombel'] ?></td>
77                      <td><?php echo $r['hadir'] ?></td>
78                      <td><?php echo $r['sakit'] ?></td>
79                      <td><?php echo $r['ijin'] ?></td>
80                      <td><?php echo $r['alpa'] ?></td>
81                      <td><?php echo $r['tgl_absen'] ?></td>
82                  </tr>
83              <?php
84              }
85          }
86          ?>
87      </table>
88      <br />
89  </div>
90  <center><p>&copy; <?php echo date('Y'); ?> SMK WIKRAMA BOGOR</p></center>
91  </body>
92  </html>
```

24. Buat file php baru didalam folder **pesertadidik** beri nama **logout.php**

```php
<?php

session_start();
session_destroy();
echo "<script>alert('Logout Success');document.location.href='../'</script>";
?>
```

25. Pembuatan halaman admin dan siswa telah selesai selanjutnya kita akan membuat design nya, buat file css baru dan simpan di dalam folder **css** beri nama **style.css**

```css
@charset "utf-8";
/* CSS Document */
body{
    color:white;
}
#utama{
    margin:0 auto;
    width:960px;
    height:auto;
}
.menu,
.menu ul,
.menu li,
.menu a {
    margin: 0;
    padding: 0;
    border: none;
    outline: none;
}
```

```css
21   .menu {
22        height: 40px;
23        width: 100%;
24        background: #4c4e5a;
         background: -webkit-linear-gradient(top, #4c4e5a 0%,#2c2d33 100%);
         background: -moz-linear-gradient(top, #4c4e5a 0%,#2c2d33 100%);
         background: -o-linear-gradient(top, #4c4e5a 0%,#2c2d33 100%);
         background: -ms-linear-gradient(top, #4c4e5a 0%,#2c2d33 100%);
29        background: linear-gradient(top, #4c4e5a 0%,#2c2d33 100%);
30        -webkit-border-radius: 5px;
31        -moz-border-radius: 5px;
32        border-radius: 5px;
33   }
34
35   .menu li {
36        position: relative;
37        list-style: none;
38        float: left;
39        display: block;
40        height: 40px;
41   }
42
43   .menu li a {
44        display: block;
45        padding: 0 14px;
46        margin: 6px 0;
47        line-height: 28px;
48        text-decoration: none;
49        border-left: 1px solid #393942;
50        border-right: 1px solid #4f5058;
51        font-family: Helvetica, Arial, sans-serif;
52        font-weight: bold;
53        font-size: 13px;
54        color: #f3f3f3;
55        text-shadow: 1px 1px 1px rgba(0,0,0,.6);
56        -webkit-transition: color .2s ease-in-out;
57        -moz-transition: color .2s ease-in-out;
58        -o-transition: color .2s ease-in-out;
59        -ms-transition: color .2s ease-in-out;
60        transition: color .2s ease-in-out;
61   }
62
63   .menu li:first-child a { border-left: none; }
64   .menu li:last-child a{ border-right: none; }
65
66   .menu li:hover > a { color: #8fde62; }
67
```

```css
.menu ul {
    position: absolute;
    top: 40px;
    left: 0;
    opacity: 0;
    background: #1f2024;
    -webkit-border-radius: 0 0 5px 5px;
    -moz-border-radius: 0 0 5px 5px;
    border-radius: 0 0 5px 5px;
    -webkit-transition: opacity .25s ease .1s;
    -moz-transition: opacity .25s ease .1s;
    -o-transition: opacity .25s ease .1s;
    -ms-transition: opacity .25s ease .1s;
    transition: opacity .25s ease .1s;
}

.menu li:hover > ul { opacity: 1; }

.menu ul li {
    height: 0;
    overflow: hidden;
    padding: 0;
    -webkit-transition: height .25s ease .1s;
    -moz-transition: height .25s ease .1s;
    -o-transition: height .25s ease .1s;
    -ms-transition: height .25s ease .1s;
    transition: height .25s ease .1s;
}
```

```
 97  .menu li:hover > ul li {
 98      height: 36px;
 99      overflow: visible;
100      padding: 0;
101  }
102  .menu ul li a {
103      width: 100px;
104      padding: 4px 0 4px 40px;
105      margin: 0;
106      border: none;
107      border-bottom: 1px solid #353539;
108  }
109
110  .menu ul li:last-child a { border: none; }
111  .konten{
112      height: auto;
113      width: 100%;
114      background: #4c4e5a;
         background: -webkit-linear-gradient(top, #4c4e5a 0%,#2c2d33 100%);
         background: -moz-linear-gradient(top, #4c4e5a 0%,#2c2d33 100%);
         background: -o-linear-gradient(top, #4c4e5a 0%,#2c2d33 100%);
         background: -ms-linear-gradient(top, #4c4e5a 0%,#2c2d33 100%);
119      background: linear-gradient(top, #4c4e5a 0%,#2c2d33 100%);
120      -webkit-border-radius: 5px;
121      -moz-border-radius: 5px;
122      border-radius: 5px;
123      overflow:scroll;
124  }
```

Tahap terakhir pembuatan design sudah selesai, selanjutnya kita hanya tinggal menjalankan proyek kita dengan memasukan alamat url di web browser anda : **127.0.0.1/Absensi**

Sekian semoga bermanfaat, apabila ada kesalahan di modul ini atau ada pertanyaan silahkan Hub :

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