LAPORAN PENGERJAAN UJI KOMPETENSI KEJURUAN
SMK MAHARDHIKA BATUJAJAR
TAHUN PELAJARAN 2022-2023

KOMPETENSI KEAHLIAN   : Rekayasa Perangkat Lunak
KELAS   : XII RPL 1
NAMA LENGKAP   : Luthfia Yulyana Nur Fauzi
NIS   : 2122.10.368
PAKET SOAL   : P3
JENIS APLIKASI   : Web
ALOKASI WAKTU   : 24 jam

1. PENJADWALAN KEGIATAN

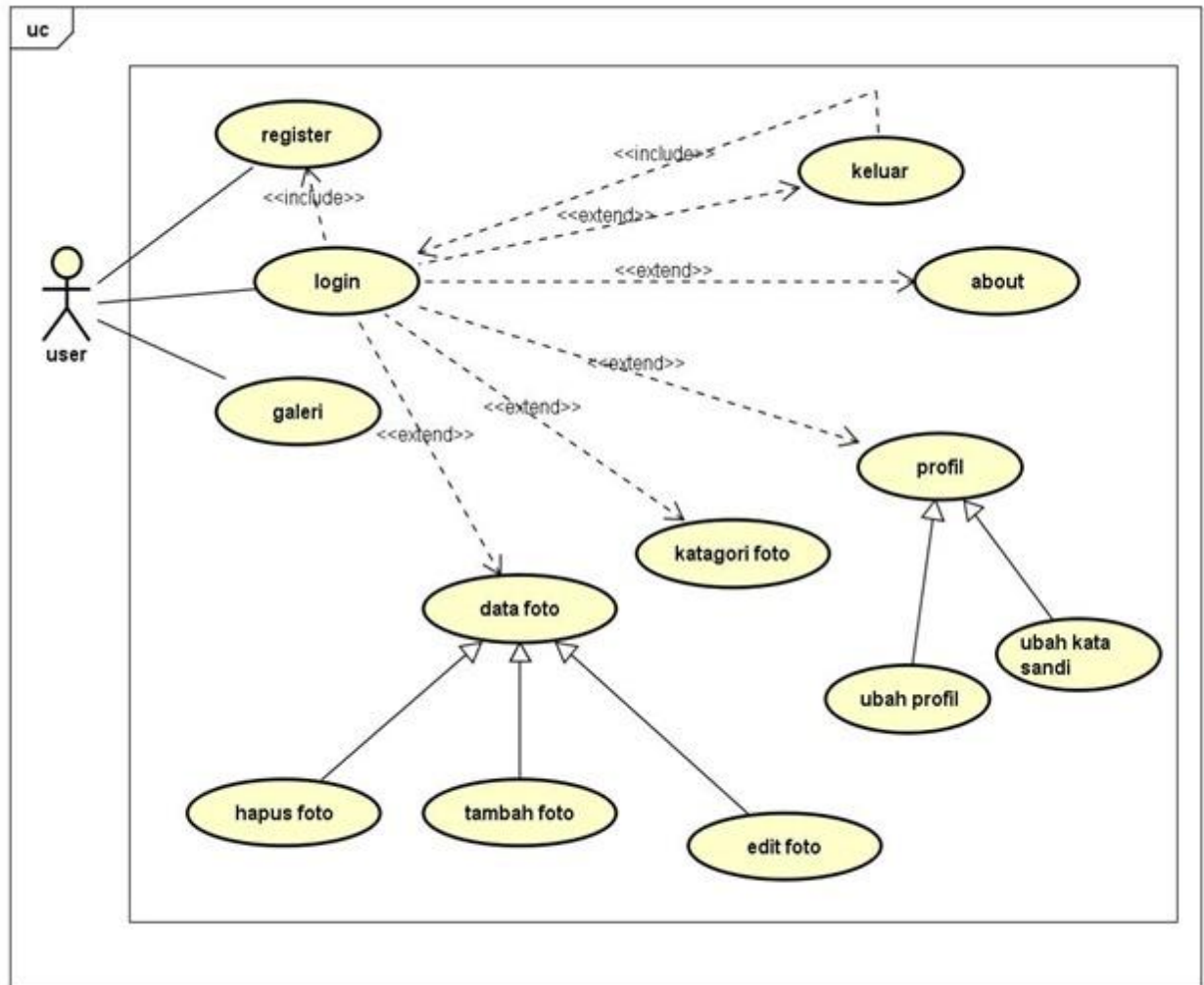| KEGIATAN | ALOKASI WAKTU | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Minggu ke-1 | | | Minggu ke-2 | | | Minggu ke-3 | | | Minggu ke-4 | | | Minggu ke-5 | | | | Minggu ke-6 | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| Analisis Soal | | | | | | | | | | | | | | | | | | | | |
| Persiapan Perangkat Keras | | | | | | | | | | | | | | | | | | | | |
| Persiapan Perangkat Lunak | | | | | | | | | | | | | | | | | | | | |
| Pembuatan Gantt Chart | | | | | | | | | | | | | | | | | | | | |
| Perancangan Sistem | | | | | | | | | | | | | | | | | | | | |
| Perancangan Database | | | | | | | | | | | | | | | | | | | | |
| Perancangan Desain UI | | | | | | | | | | | | | | | | | | | | |
| Implementasi Database | | | | | | | | | | | | | | | | | | | | |
| Implementasi Desain UI | | | | | | | | | | | | | | | | | | | | |
| Implementasi Kode Program | | | | | | | | | | | | | | | | | | | | |
| Pengujian Perangkat Lunak | | | | | | | | | | | | | | | | | | | | |
| Pembuatan Dokumen User Manual | | | | | | | | | | | | | | | | | | | | |
| Finalisasi Dokumen dan Program | | | | | | | | | | | | | | | | | | | | |
| Hosting | | | | | | | | | | | | | | | | | | | | |
| Github | | | | | | | | | | | | | | | | | | | | |

2. PERSIAPAN PERANGKAT KERAS

Device name   DESKTOP-7LLKFN8
Processor   Intel(R) Core(TM) i3-10105F CPU @ 3.70GHz   3.70 GHz
Installed RAM   8,00 GB
Device ID   1F4726BD-D888-4288-907B-439CB779D116
Product ID   00331-10000-00001-AA519
System type   64-bit operating system, x64-based processor
Pen and touch   No pen or touch input is available for this display

Edition   Windows 10 Pro
Version 22H2
Installed on   29/08/2023
OS build   19045.3570
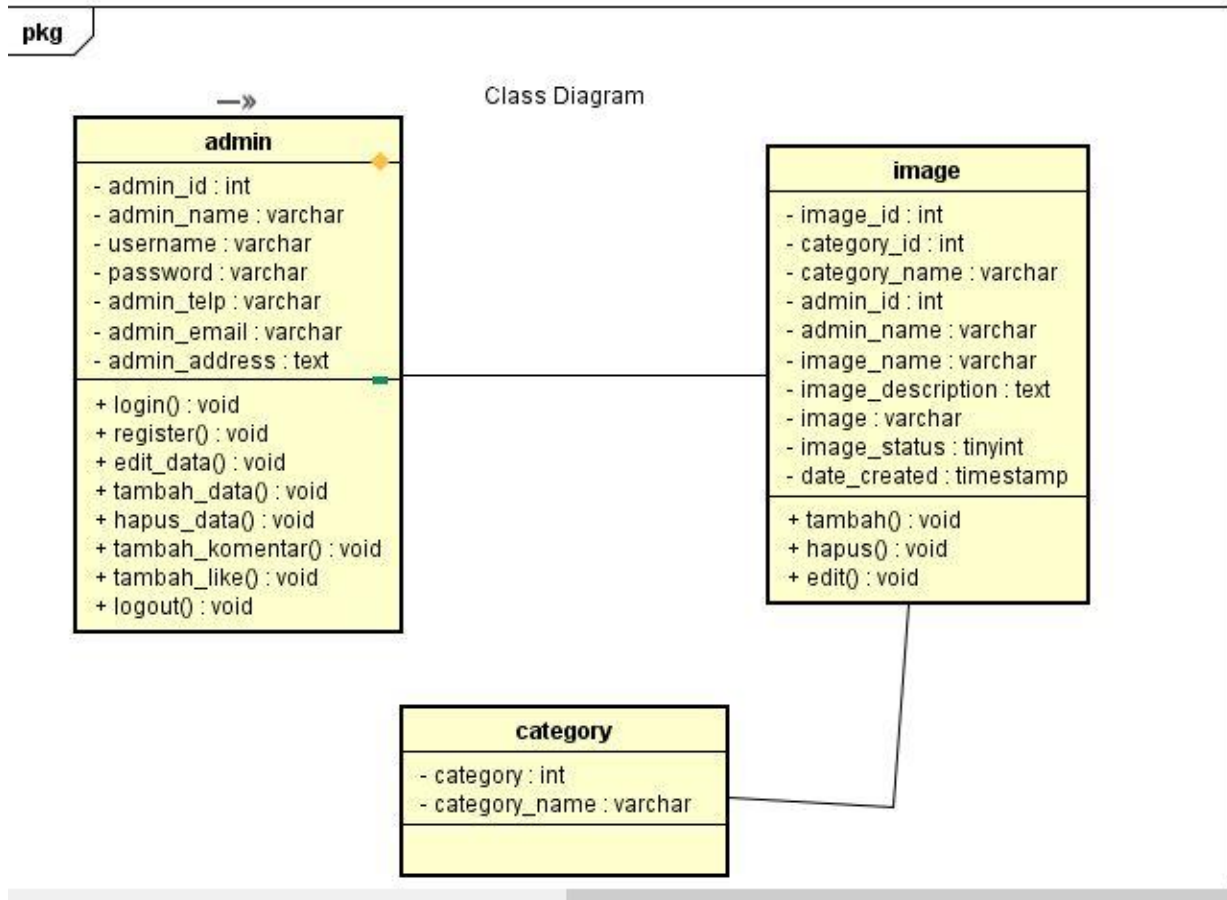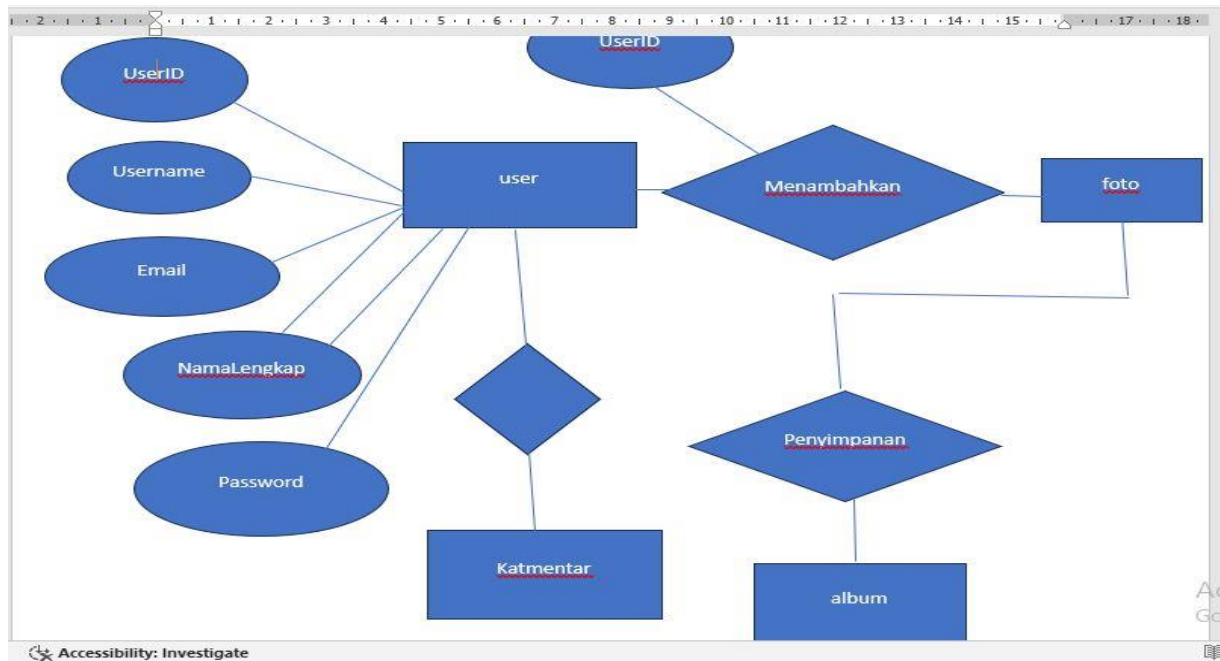Experience   Windows Feature Experience Pack 120.2212.3920.0

3. PERSIAPAN PERANGKAT LUNAK

-visual studio code
-xampp
-astah
-word
-excel
-google chrome
-balsamiq

4. PERANCANGAN ALGORITMA APLIKASI

5. PERANCANGAN DESAIN BASIS DATA

UserID

UserID

Username

user

Menambahkan

foto

Email

NamaLengkap

Penyimpanan

Password

Katmentar

album

pkg

Class Diagram

admin

- admin_id : int
- admin_name : varchar
- username : varchar
- password : varchar
- admin_telp : varchar
- admin_email : varchar
- admin_address : text

+ login() : void
+ register() : void
+ edit_data() : void
+ tambah_data() : void
+ hapus_data() : void
+ tambah_komentar() : void
+ tambah_like() : void
+ logout() : void

image

- image_id : int
- category_id : int
- category_name : varchar
- admin_id : int
- admin_name : varchar
- image_name : varchar
- image_description : text
- image : varchar
- image_status : tinyint
- date_created : timestamp

+ tambah() : void
+ hapus() : void
+ edit() : void

category

- category : int
- category_name : varchar

6. DUMMY DATA

1. tb_admin

Admin_id	Admin_name	username	password	Admin_telp	Admin_email	address
2	Irawan	irawan	adminirawan	085774137284	irawan@gmail.com	Jl.Raya kadu seungit
3	Diana	diana	1234	08578892919	diana@gmail.com	Suka seneng cikeusik
4	Hazwan	hazwan	123	08578778811	hazwan@gmail.com	Cikeusik pandeglang
5	Luthfi fauzi	upii	230807	088102252595	luthfifauzi@gmail.com	tipar
6	piaw	luthfi	230807	088102252595	luthfifauzi@gmail.com	tipar

2. tb_category

3. Category_id	Category_name
14	perjalanan
15	Bawah air
15	Hewan peliharaan
16	Satwa liar
17	makanan
18	olahraga
19	fashion
20	Seni rupa
21	dokumentar
22	astrektur

3.tb_image

Image_id	Category_id	Category_name	Admin_id	admin_name	Image_description	image
43	22	Dokumenter	5	Luthfi Fauzi		Foto1707180209.png
44	20	Fashion	5	Luthfi Fauzi		Foto17
45	18	Makanan	5	Luthfi Fauzi		
47	22	Dokumenter	6	piaw	Akan dijual dengan harga yang meningkat	

7.PEMBUATAN BASIS DATA (MySQL Code)
tb_admin

				admin_id	admin_name	username	password	admin_telp	admin_email	admin_address
☐	✏ Edit	⌦ Copy	⊝ Delete	2	Irawan	irawan	adminirawan	085774137284	irawan@gmail.com	Jl. Raya Kadu Seungit
☐	✏ Edit	⌦ Copy	⊝ Delete	3	Diana	diana	1234	085788992919	Diana@gmail.com	Suka Seneng Cikeusik
☐	✏ Edit	⌦ Copy	⊝ Delete	4	Hazwan	hazwan	123	085787778811	hazwan@gmail.com	Cikeusik Pandeglang
☐	✏ Edit	⌦ Copy	⊝ Delete	5	Luthfi Fauzi	upii	230807	0881022525954	luthfiynfauzi@gmail.com	Tipar
☐	✏ Edit	⌦ Copy	⊝ Delete	6	Piaw	Luthfi	230807	0881022525954	luthfiynfauzi@gmail.com	Tipar

tb_category

				category_id	category_name
☐	✏ Edit	⌦ Copy	⊝ Delete	14	Perjalanan
☐	✏ Edit	⌦ Copy	⊝ Delete	15	Bawah Air
☐	✏ Edit	⌦ Copy	⊝ Delete	16	Hewan Peliharaan
☐	✏ Edit	⌦ Copy	⊝ Delete	17	Satwa Liar
☐	✏ Edit	⌦ Copy	⊝ Delete	18	Makanan
☐	✏ Edit	⌦ Copy	⊝ Delete	19	Olahraga
☐	✏ Edit	⌦ Copy	⊝ Delete	20	Fashion
☐	✏ Edit	⌦ Copy	⊝ Delete	21	Seni Rupa
☐	✏ Edit	⌦ Copy	⊝ Delete	22	Dokumenter
☐	✏ Edit	⌦ Copy	⊝ Delete	23	Arsitektur

tb_image

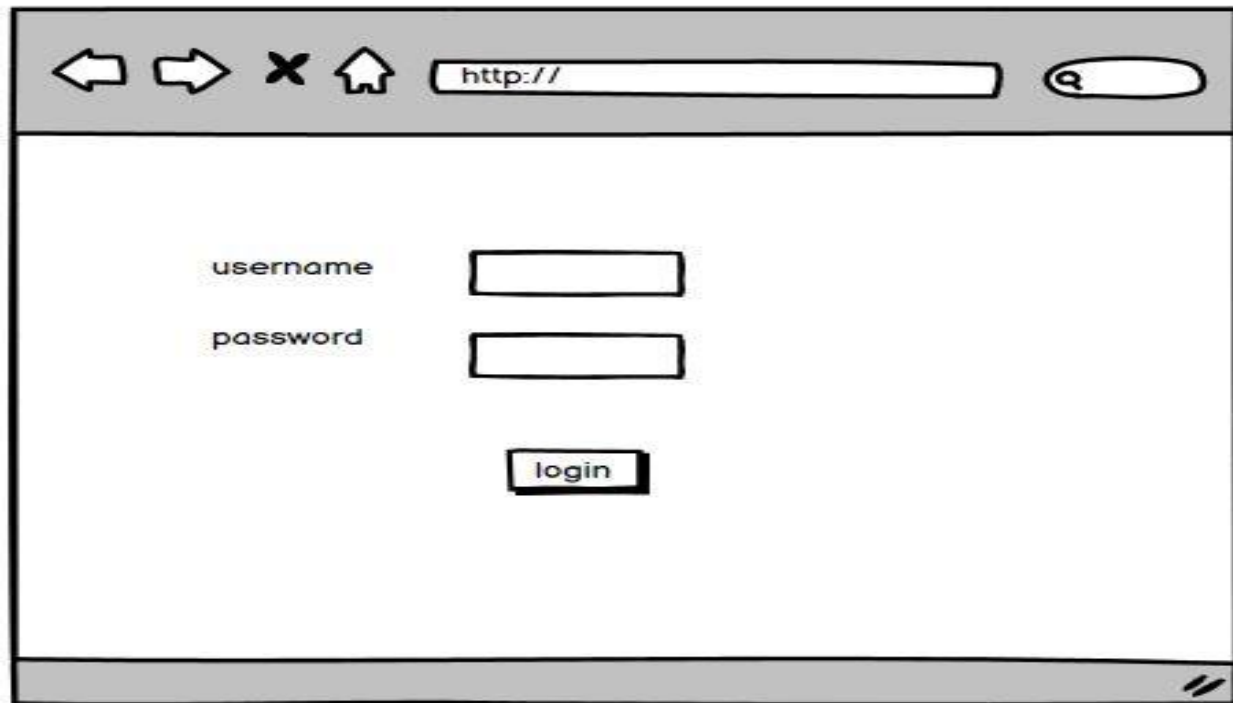|			image_id	category_id	category_name	admin_id	admin_name	image_name	image_description	image	image_status
✏ Edit	⌦ Copy	⊝ Delete	43	22	Dokumenter	5	Luthfi Fauzi	manusia		foto1707180209.png	1
✏ Edit	⌦ Copy	⊝ Delete	44	20	Fashion	5	Luthfi Fauzi	baju ana bel		foto1707180260.jpg	1
✏ Edit	⌦ Copy	⊝ Delete	45	18	Makanan	5	Luthfi Fauzi	makanan viral		foto1707181717.png	1
✏ Edit	⌦ Copy	⊝ Delete	47	22	Dokumenter	6	Piaw	robot UI	akan di jual dengan harga yang meningkat	foto1707784692.jpg	1

8.PERANCANGAN TAMPILAN ANTARMUKA (UI)WEB
✓ **Aplikasi web galeri foto**
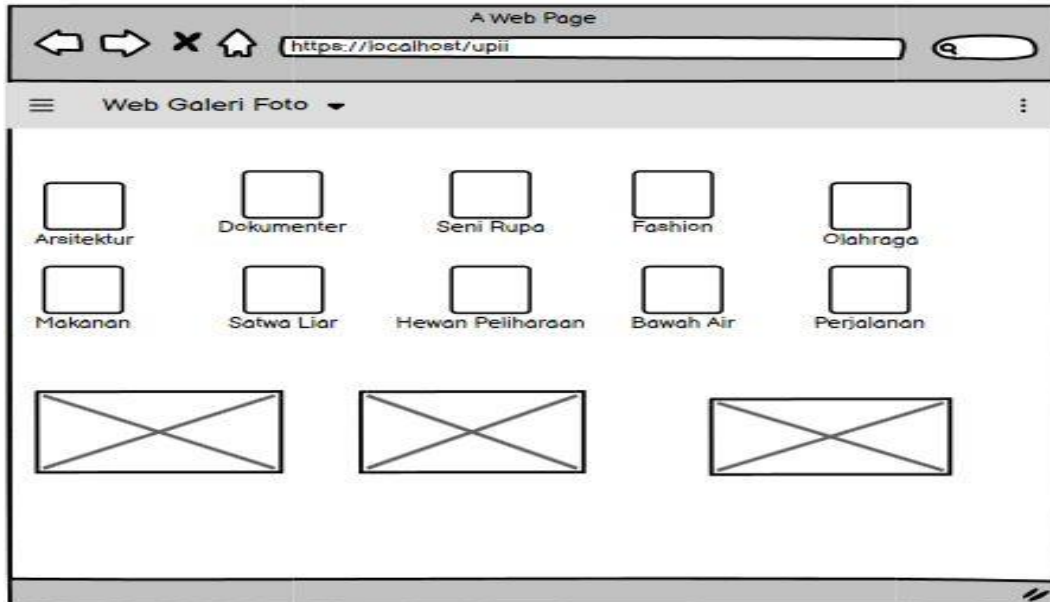1. *Silahkan gambarkan use case diagram aplikasi yang kamu buat*

2. Admin dashboard
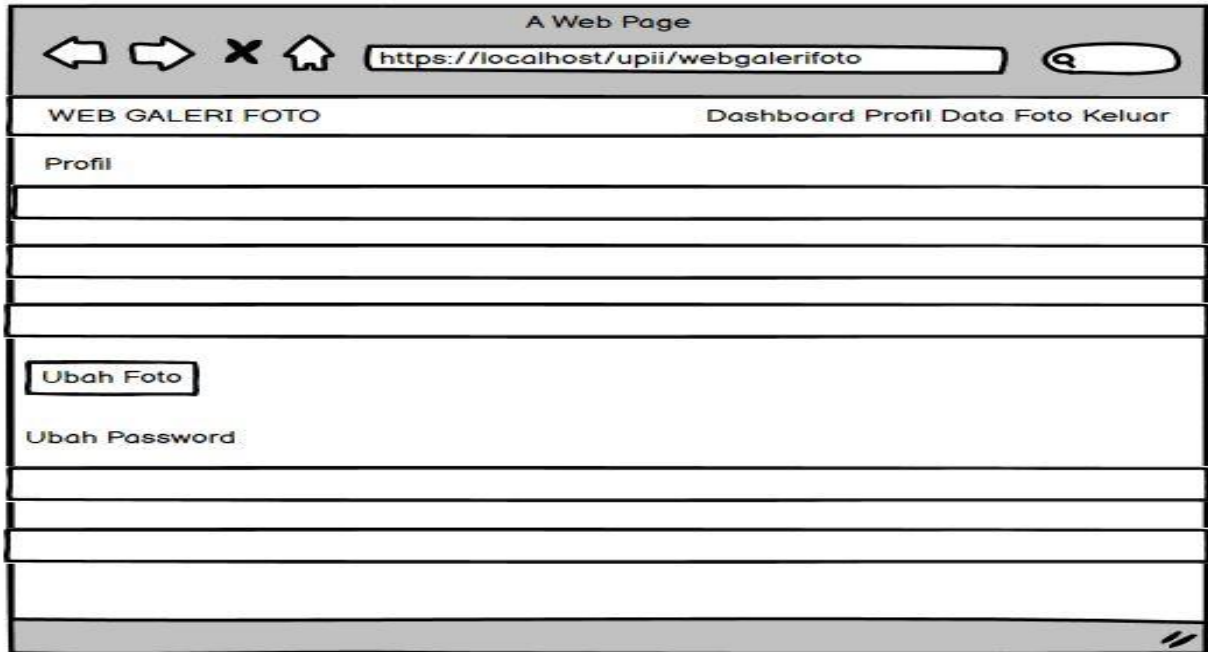   Tampilan untuk full manage semua data,buatkan sketsa/mockup-nya

buatkan sketsa/mockup-nya

4. Tampilan masyarakat
Dashboard,about,tambah laporan,daftar komentar, tanggapan, buatkan sketsa/mockup-nya

9.PEMBUATAN STRUKTUR WEB (HTML)

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
    "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<title>WEB Galeri Foto</title>
<link rel="stylesheet" type="text/css" href="css/style.css">
</head>

<body>
  <!-- header -->
  <header>
    <div class="container">
    <h1><a href="dashboard.php">WEB GALERI FOTO</a></h1>
    <ul>
      <li><a href="dashboard.php">Dashboard</a></li>
      <li><a href="profil.php">Profil</a></li>
      <li><a href="data-image.php">Data Foto</a></li>
      <li><a href="Keluar.php">Keluar</a></li>
    </ul>
    </div>
  </header>

  <!-- content -->
  <div class="section">
    <div class="container">
      <h3>Dashboard</h3>
      <div class="box">
        <h4>Selamat Datang <?php echo $_SESSION['a_global']->admin_name ?> di
  Website Galeri Foto</h4>
```

```
                </div>
              </div>
            </div>

            <!-- footer -->
            <footer>
              <div class="container">
                <small>Copyright &copy; 2024 - Web Galeri Foto.</small>
              </div>
            </footer>
          </body>
        </html>
```

10.PEMBUATAN STYLE WEB (CSS)
  File style.css

```
<?php
  include 'db.php';
    $kontak             =
mysqli_query($conn,    "SELECT
admin_telp,         admin_email,
admin_address  FROM  tb_admin
WHERE admin_id = 2");
    $a                    =
mysqli_fetch_object($kontak);
?>
<!DOCTYPE    html    PUBLIC    "-
//W3C//DTD        XHTML       1.0
Transitional//EN"
"http://www.w3.org/TR/xhtml1/
DTD/xhtml1-transitional.dtd">
<html
xmlns="http://www.w3.org/1999
/xhtml">
<head>
<meta charset="utf-8">
<meta           name="viewport"
content="width=device-width,
initial-scale=1">
<title>WEB Galeri Foto</title>
<link            rel="stylesheet"
type="text/css" href="style.css">
</head>

<body>
  <!-- header -->
  <header>
    <div class="container">
```

```html
    <h1><a
href="index.php">WEB     GALERI
FOTO</a></h1>
    <ul>
        <li><a
href="galeri.php">Galeri</a></li>
        <li><a
href="registrasi.php">Registrasi</
a></li>
        <li><a
href="login.php">Login</a></li>
    </ul>
    </div>
  </header>

  <!-- search -->
  <div class="search">
    <div class="container">
      <form action="galeri.php">
        <input        type="text"
name="search" placeholder="Cari
Foto" />
        <input      type="submit"
name="cari" value="Cari Foto" />
      </form>
    </div>
  </div>

  <!-- category -->
  <div class="section">
    <div class="container">
      <h3>Kategori</h3>
      <div class="box">
        <?php
        $kategori            =
mysqli_query($conn,  "SELECT   *
FROM   tb_category   ORDER   BY
category_id DESC");

     if(mysqli_num_rows($kate
gori) > 0){

     while($k               =
mysqli_fetch_array($kategori)){
                    ?>
        <a
href="galeri.php?kat=<?php  echo
$k['category_id'] ?>">
```

```php
                <div class="col-5">
                    <img
src="img/pelangi.gif"
width="50px"      style="margin-
bottom:5px;" />
                <p><?php      echo
$k['category_name'] ?></p>
                </div>
            </a>
        <?php }}else{ ?>
            <p>Kategori      tidak
ada</p>
        <?php } ?>
    </div>
  </div>
</div>

<!-- new product -->
<div class="container">
  <h3>Foto Terbaru</h3>
  <div class="box">
    <?php
    $foto                    =
mysqli_query($conn,  "SELECT   *
FROM      tb_image      WHERE
image_status  =  1  ORDER  BY
image_id DESC LIMIT 8");

if(mysqli_num_rows($foto) > 0){
                      while($p
= mysqli_fetch_array($foto)){
        ?>
    <a          href="detail-
image.php?id=<?php      echo
$p['image_id'] ?>">
    <div class="col-4">
        <img    src="foto/<?php
echo       $p['image']      ?>"
height="150px" />
        <p   class="nama"><?php
echo substr($p['image_name'], 0,
30) ?></p>
        <p   class="admin">Nama
User    :    <?php       echo
$p['admin_name'] ?></p>
        <p   class="nama"><?php
echo $p['date_created'] ?></p>
    </div>
```

```
      </a>
      <?php }}else{ ?>
        <p>Foto tidak ada</p>
      <?php } ?>
    </div>
  </div>

  <!-- footer -->
  <footer>
    <div class="container">
      <small>Copyright    &copy;
2024 - Web Galeri Foto.</small>
    </div>
  </footer>
</body>
</html>
```

File koneksi.php

```
<?php
   $hostname = 'localhost';
      $username = 'root';
      $password = '';
      $dbname   = 'galerifoto';

      $conn                    =
mysqli_connect($hostname,
$username, $password, $dbname) or
die ('gagal terhubung ke database');
?>
```

11.PEMBUATAN KODE WEB (PHP/JS)
    File Index.php

```
<?php
   include 'db.php';
      $kontak = mysqli_query($conn, "SELECT admin_telp, admin_email, admin_address FROM
tb_admin WHERE admin_id = 2");
      $a = mysqli_fetch_object($kontak);
?>
<!DOCTYPE    html    PUBLIC    "-//W3C//DTD    XHTML    1.0    Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<title>WEB Galeri Foto</title>
<link rel="stylesheet" type="text/css" href="style.css">
</head>
```

```php
<body>
  <!-- header -->
  <header>
    <div class="container">
    <h1><a href="index.php">WEB GALERI FOTO</a></h1>
    <ul>
      <li><a href="galeri.php">Galeri</a></li>
      <li><a href="registrasi.php">Registrasi</a></li>
      <li><a href="login.php">Login</a></li>
    </ul>
    </div>
  </header>

  <!-- search -->
  <div class="search">
    <div class="container">
      <form action="galeri.php">
        <input type="text" name="search" placeholder="Cari Foto" />
        <input type="submit" name="cari" value="Cari Foto" />
      </form>
    </div>
  </div>

  <!-- category -->
  <div class="section">
    <div class="container">
      <h3>Kategori</h3>
      <div class="box">
        <?php
          $kategori = mysqli_query($conn, "SELECT * FROM tb_category ORDER BY category_id
DESC");
                                    if(mysqli_num_rows($kategori) > 0){
                                          while($k = mysqli_fetch_array($kategori)){
                          ?>
          <a href="galeri.php?kat=<?php echo $k['category_id'] ?>">
            <div class="col-5">
              <img src="img/pelangi.gif" width="50px" style="margin-bottom:5px;" />
            <p><?php echo $k['category_name'] ?></p>
            </div>
          </a>
        <?php }}else{ ?>
          <p>Kategori tidak ada</p>
        <?php } ?>
      </div>
    </div>
  </div>

  <!-- new product -->
  <div class="container">
    <h3>Foto Terbaru</h3>
```

```php
    <div class="box">
      <?php
        $foto = mysqli_query($conn, "SELECT * FROM tb_image WHERE image_status = 1 ORDER BY
image_id DESC LIMIT 8");
                          if(mysqli_num_rows($foto) > 0){
                              while($p = mysqli_fetch_array($foto)){
              ?>
    <a href="detail-image.php?id=<?php echo $p['image_id'] ?>">
    <div class="col-4">
      <img src="foto/<?php echo $p['image'] ?>" height="150px" />
      <p class="nama"><?php echo substr($p['image_name'], 0, 30)  ?></p>
      <p class="admin">Nama User : <?php echo $p['admin_name'] ?></p>
      <p class="nama"><?php echo $p['date_created']  ?></p>
    </div>
    </a>
    <?php }}else{ ?>
      <p>Foto tidak ada</p>
    <?php } ?>
  </div>
  </div>

  <!-- footer -->
  <footer>
    <div class="container">
      <small>Copyright &copy; 2024 - Web Galeri Foto.</small>
    </div>
  </footer>
</body>
</html>
```

CRUD file

```php
<?php
  session_start();
        include 'db.php';
        if($_SESSION['status_login'] != true){
                echo '<script>window.location="login.php"</script>';
  }
?>
<!DOCTYPE    html    PUBLIC    "-//W3C//DTD    XHTML    1.0    Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<title>WEB Galeri Foto</title>
<link rel="stylesheet" type="text/css" href="css/style.css">
</head>

<body>
  <!-- header -->
  <header>
    <div class="container">
    <h1><a href="dashboard.php">WEB GALERI FOTO</a></h1>
    <ul>
      <li><a href="dashboard.php">Dashboard</a></li>
      <li><a href="profil.php">Profil</a></li>
      <li><a href="data-image.php">Data Foto</a></li>
      <li><a href="Keluar.php">Keluar</a></li>
    </ul>
    </div>
  </header>

  <!-- content -->
  <div class="section">
    <div class="container">
      <h3>Data Galeri Foto</h3>
      <div class="box">
        <p><a href="tambah-image.php">Tambah Data</a></p>
        <table border="1" cellspacing="0" class="table">
          <thead>
            <tr>
              <th width="60px">No</th>
              <th>Kategori</th>
              <th>Nama User</th>
              <th>Nama Foto</th>
```

```php
          <th>Deskripsi</th>
          <th>Gambar</th>
          <th>Status</th>
          <th width="150px">Aksi</th>
        </tr>
      </thead>
      <tbody>
        <?php
$no = 1;

$user = $_SESSION['a_global']->admin_id;
        $foto = mysqli_query($conn, "SELECT * FROM tb_image WHERE admin_id =
'$user' ");

,,  if(mysqli_num_rows($foto) >0 ){
                                                        while($row                          =
mysqli_fetch_array($foto)){
                                            ?>
        <tr>
          <td><?php echo $no++ ?></td>
          <td><?php echo $row['category_name'] ?></td>
          <td><?php echo $row['admin_name'] ?></td>
          <td><?php echo $row['image_name'] ?></td>
          <td><?php echo $row['image_description']?></td>
          <td><a    href="foto/<?php   echo   $row['image']?>"   target="_blank"><img
src="foto/<?php echo $row['image']?>" width="50px"></a></td>
          <td><?php echo ($row['image_status'] == 0)? 'Tidak Aktif':'Aktif'; ?></td>
          <td>
            <a href="edit-image.php?id=<?php echo $row['image_id'] ?>">Edit</a> ||
            <a      href="proses-hapus.php?idp=<?php    echo    $row['image_id']    ?>"
onclick="return confirm('Yakin Ingin Hapus ?')">Hapus</a>
          </td>
        </tr>
        <?php }}else{ ?>
          <tr>
            <td colspan="8">Tidak ada data</td>
          </tr>
        <?php } ?>
      </tbody>
    </table>
  </div>
 </div>
</div>


<!-- footer -->
 <footer>
```

```
    <div class="container">
       <small>Copyright &copy; 2024 - Web Galeri Foto.</small>
    </div>
  </footer>
</body>
</html>
```

12.UJI COBA

13.REVISI

14.PENENTUAN DOMAIN DAN HOSTING

15.UPLOAD WEB KE HOSTING

16.UPLOAD WEB KE GITHUB

17.PEMBUATAN USER GUIDANCE