## TUGAS AKHIR PEMROGRAMAN WEB



### Disusun Oleh:

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# SEKOLAH TINGGI MANAJEMEN INFORMATIKA DAN ILMU KOMPUTER ELRAHMA YOGYAKARTA

**YOGYAKARTA** 

2024

#### **Website Ecomerce AriaShop**

Website Ecomerce AriaShop menggunakan framework Code igniter 4 dan database MySql. Berikut untuk Struktur databasenya

a. Nama Database : product

b. Nama Tabel : product dengan struktur

#	Nama	Jenis	Penyortiran	Atribut	Tak Ternilai	Bawaan	Komentar	Ekstra	Tindakan		
1	id 🔑	int(11)			Tidak	Tidak ada		AUTO_INCREMENT	🥜 Ubah	Hapus	Lainnya
2	nama	varchar(255)	utf8mb4_general_ci		Tidak	Tidak ada			<i>⊘</i> Ubah	Hapus	Lainnya
3	kategori	varchar(255)	utf8mb4_general_ci		Tidak	Tidak ada			🥜 Ubah	Hapus	Lainnya
4	harga	varchar(255)	utf8mb4_general_ci		Tidak	Tidak ada			<i>⊘</i> Ubah	Hapus	Lainnya
5	berat	varchar(255)	utf8mb4_general_ci		Tidak	Tidak ada			🥜 Ubah	Hapus	Lainnya
6	foto	varchar(255)	utf8mb4_general_ci		Tidak	Tidak ada			<i>⊘</i> Ubah	Hapus	Lainnya
7	keterangan	text	utf8mb4_general_ci		Tidak	Tidak ada			<i> ❷</i> Ubah	Hapus	Lainnya

1. Berikut isi didalam file Routes

```
vou, s nours ago | l author (You)
</php

use CodeIgniter\Router\RouteCollection;

/**

    * @var RouteCollection $routes
    */
$routes->get('/', 'Home::index');
$routes->get('/add', 'Home::add');
$routes->get('/edit/(:any)', 'Home::edit/$1');
$routes->post('/update', 'Home::update');
$routes->post('/save', 'Home::save');
$routes->delete('/delete/(:any)', 'Home::delete/$1');
```

2. Buat file dengan nama Home.php didalam folder controller, kemudian isi seperti berikut.

```
1. <?php
2.
3. namespace App\Controllers;
4.
5. use App\Models\Product_model;
6.
7. class Home extends BaseController
8. {</pre>
```

```
9.
       protected $db;
10.
11.
       public function __construct()
12.
13.
           $this->db = new Product_model();
14.
           helper(['form']);
15.
16.
17.
       public function index()
18.
           $data['title'] = "Lihat Data Product";
19.
20.
           $data['data product'] = $this->db->getAll();
21.
           echo view('template/header', $data);
22.
           echo view('template/menu');
           echo view('product/index', $data);
23.
24.
           echo view('template/footer');
25.
27.
       public function add()
28.
29.
30.
           session();
31.
32.
           $data = [
33.
                "title" => "Tambah Data Product",
34.
           ];
35.
           echo view('template/header', $data);
37.
           echo view('template/menu');
38.
           echo view('product/add', $data);
39.
           echo view('template/footer');
40.
41.
       public function save()
44.
           if (!$this->validate([
                'nama' => 'required',
47.
                'kategori' => 'required',
48.
                'harga' => 'required|integer',
49.
                'berat' => 'required|integer',
50.
                'keterangan' => 'required',
51.
                'foto' =>
   'uploaded[foto]|max_size[foto,50000]|mime_in[foto,image/png,image/jpeg,ima
   ge/ipgl'
```

```
52.
           ])) {
53.
               return redirect()->to(base url('/add'))->withInput();
54.
           }
55.
           //ambil gambar
56.
           $fileFoto = $this->request->getFile('foto');
57.
58.
           //pindahkan file ke folder img
59.
           $fileFoto->move('img');
60.
61.
           //ambil nama file
62.
           $namaFoto = $fileFoto->getName();
63.
64.
           $this->db->save([
65.
               "nama" => $this->request->getVar('nama'),
66.
               "kategori" => $this->request->getVar('kategori'),
67.
               "harga" => $this->request->getVar('harga'),
68.
               "berat" => $this->request->getVar('berat'),
               "foto" => $namaFoto,
69.
70.
               "keterangan" => $this->request->getVar('keterangan')
71.
           ]);
72.
           session()->setFlashdata('message', 'Data Berhasil ditambahkan.');
73.
74.
           return redirect()->to(base_url('/'));
75.
76.
       public function delete($id)
78.
79.
           //cari gambar
80.
           $product = $this->db->getById($id);
81.
82.
           //hapus gambar
83.
           unlink('img/' . $product['foto']);
84.
85.
           //hapus data di database
86.
           $this->db->delete($id);
87.
           session()->setFlashdata('message', 'Data Berhasil dihapus.');
88.
           dd(session());
89.
           return redirect()->to(base_url('/'));
90.
91.
92.
       public function edit($id)
93.
94.
           session();
95.
96.
           $data = [
```

```
97.
               "title" => "Edit Product",
98.
               "data_product" => $this->db->getById($id)
99.
           ];
100.
101.
                  echo view('template/header', $data);
                  echo view('template/menu');
102.
103.
                  echo view('product/edit', $data);
104.
                  echo view('template/footer');
106.
107.
             public function update()
108.
109.
                  if (!$this->validate([
110.
                      'nama' => 'required',
111.
                      'kategori' => 'required',
112.
                      'harga' => 'required|integer',
113.
                      'berat' => 'required|integer',
114.
                      'keterangan' => 'required',
115.
                      'foto' =>
   'max_size[foto,50000]|mime_in[foto,image/png,image/jpeg,image/jpg]'
116.
                 1)) {
117.
                      return redirect()->to(base_url('/add'))->withInput();
118.
119.
120.
                 $fileFoto = $this->request->getFile('foto');
121.
122.
                 // cek gambar
123.
                  if ($fileFoto->getError() == 4) {
124.
                      $namaFoto = $this->request->getVar('fotoLama');
125.
                  } else {
                      $namaFoto = $fileFoto->getName();
126.
127.
128.
                      //pindahkan gambar baru
129.
                      $fileFoto->move('img');
130.
131.
                      // hapus gambar lama
132.
                      unlink('img/' . $this->request->getVar('fotoLama'));
133.
134.
                  $this->db->save([
                      "id" => $this->request->getVar('id'),
135.
                      "nama" => $this->request->getVar('nama'),
136.
137.
                      "kategori" => $this->request->getVar('kategori'),
138.
                      "harga" => $this->request->getVar('harga'),
                      "berat" => $this->request->getVar('berat'),
139.
                      "foto" => $namaFoto,
140.
```

3. Buat file Product\_model.php di dalam folder models, isi file seperti berikut

```
1. <?php
2.
3. namespace App\Models;
5. use CodeIgniter\Model;
6.
7. class Product_model extends Model
8. {
9.
       protected $table = 'product';
       protected $primaryKey = 'id';
10.
       protected $allowedFields = ['nama', 'kategori', 'harga', 'berat',
11.
   'foto', 'keterangan'];
12.
13.
       public function rules()
14.
15.
           return [
16.
                'nama' => [
17.
                    'label' => 'nama',
                    'rules' => 'trim|required'
18.
19.
                ],
                'kategori' => [
21.
                    'label' => 'kategori',
                    'rules' => 'trim|required'
22.
23.
                ],
24.
                'harga' => [
25.
                    'label' => 'harga',
                    'rules' => 'trim|required'
26.
27.
                ],
28.
                'berat' => [
29.
                    'label' => 'berat',
                    'rules' => 'trim|required'
30.
31.
                ],
32.
                'foto' => [
33.
                    'label' => 'foto',
```

```
'rules' => 'trim|required'
35.
                ],
                'keterangan' => [
36.
37.
                    'label' => 'keterangan',
38.
                    'rules' => 'trim|required'
39.
           ];
41.
42.
43.
       public function getAll()
45.
            return $this->orderBy('id', 'ASC')->findAll();
46.
47.
48.
       public function getById($id)
49.
50.
           return $this->where(['id' => $id])->first();
51.
52.}
53.
```

4. Buat folder dengan nama product dan template didalam folder views

```
Views> errors> product> template
```

- 5. Buat file index.php, add.php, edit.php didalam folder product. Untuk isi didalam file sebagai berikut
  - a. index.php

```
11.
12.
                  if (session()->getFlashdata('message')) : ?>
                      <div class="alert alert-success alert-dismissible fade</pre>
   show" role="alert">
                          <?= session()->getFlashdata('message'); ?>
                          <button type="button" class="close" data-</pre>
15.
   dismiss="alert" aria-label="Close">
                              <span aria-hidden="true">&times;
17.
                              </span>
18.
                          </button>
                      </div>;
                  <?php endif;</pre>
22.
              </div>
23.
              <div class="d-flex justify-content-center">
24.
                  <?php foreach ($data product as $row) : ?>
25.
                      <div class="card ml-3 mr-3 border border-2"</pre>
   style="width: 15rem;">
                          <img src="<?= base url() ?>/img/<?= $row['foto']</pre>
   ?>" width="240px" height="240px" class="card-img-top" alt="<?=</pre>
   $row['foto'] ?>">
                          <div class="card-body">
                              <h5 class="card-title"><?= $row['nama']</pre>
   ?></h5>
                              <span class="text-
  danger ">Rp. <?= $row['harga'] ?></span>
                                      <span class="text-warning "><?=
   $row['berat'] ?> gram</span>
                                  <small>kategori : </small>
                              <small><?= $row['kategori'] ?></small>
                              <?=</pre>
   $row['keterangan'] ?>
                              <a href="<?= base_url('edit/' . $row['id']);</pre>
   ?>" class="btn btn-success btn-sm"><i class="fa fa-edit"></i></a>
                              <a href="javascript:void(0);" data="<?=</pre>
   $row['id'] ?>" class="btn btn-danger btn-sm item-delete"><i class="fa fa-</pre>
   trash"></i></a>
                          </div>
                      </div>
                  <?php endforeach; ?>
              </div>
43.
```

```
44.
           </div>
      </div>
47.</div>
48.<!-- Modal dialog hapus data-->
50. <div class="modal fade" id="myModalDelete" tabindex="-1" aria-
   labelledby="myModalDeleteLabel" aria-hidden="true">
52.
       <div class="modal-dialog">
           <div class="modal-content">
               <div class="modal-header">
55.
                   <h5 class="modal-title"
   id="myModalDeleteLabel">Konfirmasi</h5>
                   <button type="button" class="close" data-dismiss="modal"</pre>
   aria-label="Close">
                       <span aria-hidden="true">&times;</span>
                   </button>
59.
               </div>
               <div class="modal-body">
61.
                   Anda ingin menghapus data ini?
62.
               </div>
               <div class="modal-footer">
                   <button type="button" class="btn btn-secondary" data-</pre>
   dismiss="modal">Tutup</button>
                   <button type="button" class="btn btn-danger"</pre>
67.
   id="btdelete">Lanjutkan</button>
               </div>
           </div>
      </div>
71.</div>
72.<script>
       $(document).ready(function() {
74.
           // menampilkan modal dialog saat tombol hapus ditekan
75.
           $('.item-delete').click(function() {
               // ambil data dari atribut data
               var id = $(this).attr('data');
               $('#myModalDelete').modal('show');
78.
79.
               // ketika tombol lanjutkan ditekan, data id akan dikirim ke
  method delete pada controller mahasiswa
               $('#btdelete').unbind().click(function() {
                   $.ajax({
82.
                       type: 'DELETE',
```

#### b. add.php

```
1. <div class="container pt-5">
2.
     <h3><?= $title ?></h3>
      <nav aria-label="breadcrumb">
3.
         4.
             <a>Product</a>
6.
             <a href="<?= base_url(); ?>">List
  Data</a>
             Add
  Data
         </nav>
     <div class="row">
10.
11.
         <div class="col-md-12">
12.
             <div class="card">
13.
                <div class="card-body">
14.
15.
                    <form action="<?= base_url(); ?>/save"
  id="FrmAddMahasiswa" method="post" autocomplete="off" accept-charset="utf-
  8" enctype="multipart/form-data">
16.
                       <?= csrf field(); ?>
17.
                       <div class="form-group row">
19.
20.
                           <label for="Nama" class="col-sm-2 col-form-</pre>
  label">Nama</label>
21.
22.
                           <div class="col-sm-10">
                              <input type="text" class="form-control <?=</pre>
   (validation_show_error('nama')) ? 'is-invalid' : ''; ?>" id="nama"
  name="nama" value="<?= set_value('nama'); ?>" autofocus>
                              <small class="text-danger invalid-</pre>
 feedback">
```

```
<?= validation_show_error('nama') ?>
                                     </small>
                                 </div>
28.
                            </div>
                            <div class="form-group row">
                                 <label for="Kategori" class="col-sm-2 col-</pre>
   form-label">Kategori</label>
32.
                                 <div class="col-sm-10">
                                     <input type="text" class="form-control <?=</pre>
   (validation_show_error('kategori')) ? 'is-invalid' : ''; ?>" id="kategori"
   name="kategori" value="<?= set_value('kategori'); ?>" autofocus>
                                     <small class="text-danger invalid-</pre>
   feedback">
                                         <?= validation_show_error('kategori')</pre>
                                     </small>
                                </div>
                            </div>
                            <div class="form-group row">
42.
43.
                                 <label for="Harga" class="col-sm-2 col-form-</pre>
   label">Harga</label>
45.
                                 <div class="col-sm-10">
                                     <input type="text" class="form-control <?=</pre>
   (validation show error('harga')) ? 'is-invalid' : ''; ?>" id="harga"
   name="harga" value="<?= set_value('harga'); ?>" autofocus>
                                     <small class="text-danger invalid-</pre>
   feedback">
48.
                                         <?= validation show error('harga') ?>
                                     </small>
                                 </div>
51.
                            </div>
                            <div class="form-group row">
54.
                                 <label for="Berat" class="col-sm-2 col-form-</pre>
   label">Berat (gram)</label>
                                 <div class="col-sm-10">
```

```
<input type="text" class="form-control <?=</pre>
   (validation_show_error('berat')) ? 'is-invalid' : ''; ?>" id="berat"
   name="berat" value="<?= set_value('berat'); ?>" autofocus>
                                     <small class="text-danger invalid-</pre>
   feedback">
                                         <?= validation_show_error('berat') ?>
                                     </small>
                                 </div>
                            </div>
                            <div class="form-group row">
                                 <label for="Foto" class="col-sm-2 col-form-</pre>
   label">Foto</label>
                                 <div class="col-sm-10">
                                     <input type="file" class="<?=</pre>
   (validation_show_error('foto')) ? 'is-invalid' : ''; ?>" id="foto"
   name="foto">
                                     <small class="text-danger invalid-</pre>
   feedback">
                                         <?= validation_show_error('foto') ?>
                                     </small>
72.
                                </div>
                            </div>
                            <div class="form-group row">
75.
                                 <label for="Keterangan" class="col-sm-2 col-</pre>
   form-label">Keterangan</label>
                                 <div class="col-sm-10">
78.
79.
                                     <textarea class="form-control <?=
   (validation_show_error('keterangan')) ? 'is-invalid' : ''; ?>"
   id="keterangan" name="keterangan" rows="3"><?= set_value('keterangan');</pre>
   ?></textarea>
                                     <small class="text-danger">
81.
   validation show error('keterangan') ?>
                                     </small>
                                 </div>
84.
                            </div>
                            <div class="form-group row">
                                 <div class="col-sm-10 offset-md-2">
87.
                                     <button type="submit" class="btn btn-</pre>
   primary">Simpan</button>
```

#### c. edit.php

```
1. <div class="container pt-5">
2.
     <h3><?= $title ?></h3>
      <nav aria-label="breadcrumb">
         <a>Jadwal</a>
             <a href="<?= base url('');</pre>
  ?>">List Data</a>
            Add
  Data
         9.
     </nav>
10.
     <div class="row">
         <div class="col-md-12">
11.
            <div class="card">
12.
13.
               <div class="card-body">
14.
15.
                    <form action="<?= base url(); ?>update"
  id="FrmAddMahasiswa" method="post" autocomplete="off" accept-charset="utf-
  8" enctype="multipart/form-data">
                       <?= csrf field(); ?>
17.
                       <input type="hidden" name="id" value="<?=</pre>
  $data_product['id'] ?>">
18.
                       <input type="hidden" name="fotoLama" value="<?=</pre>
  $data_product['foto'] ?>">
20.
                       <div class="form-group row">
21.
                          <label for="Nama" class="col-sm-2 col-form-</pre>
  label">Nama</label>
23.
24.
                         <div class="col-sm-10">
```

```
<input type="text" class="form-control <?=</pre>
   (validation_show_error('nama')) ? 'is-invalid' : ''; ?>" id="nama"
   name="nama" autofocus value="<?= $data_product['nama'] ?>">
26.
                                     <small class="text-danger invalid-</pre>
   feedback">
                                          <?= validation_show_error('nama') ?>
28.
                                     </small>
                                 </div>
                             </div>
                            <div class="form-group row">
32.
                                 <label for="Kategori" class="col-sm-2 col-</pre>
   form-label">Kategori</label>
                                 <div class="col-sm-10">
                                     <input type="text" class="form-control <?=</pre>
   (validation_show_error('kategori')) ? 'is-invalid' : ''; ?>" id="kategori"
   name="kategori" value="<?= $data_product['kategori'] ?>">
                                     <small class="text-danger invalid-</pre>
   feedback">
                                          <?= validation show error('kategori')</pre>
                                     </small>
                                 </div>
                            </div>
42.
                            <div class="form-group row">
                                 <label for="Harga" class="col-sm-2 col-form-</pre>
   label">Harga</label>
47.
                                 <div class="col-sm-10">
48.
                                     <input type="text" class="form-control <?=</pre>
   (validation show error('harga')) ? 'is-invalid' : ''; ?>" id="harga"
   name="harga" autofocus value="<?= $data_product['harga'] ?>">
49.
                                     <small class="text-danger invalid-</pre>
   feedback">
                                          <?= validation show error('harga') ?>
                                     </small>
                                 </div>
52.
                            </div>
                             <div class="form-group row">
56.
```

```
<label for="Berat" class="col-sm-2 col-form-</pre>
   label">Berat (gram)</label>
                                 <div class="col-sm-10">
60.
                                     <input type="text" class="form-control <?=</pre>
   (validation_show_error('berat')) ? 'is-invalid' : ''; ?>" id="berat"
   name="berat" autofocus value="<?= $data product['berat'] ?>">
                                     <small class="text-danger invalid-</pre>
   feedback">
                                         <?= validation_show_error('berat') ?>
62.
                                     </small>
                                 </div>
                            </div>
                            <div class="form-group row">
                                 <label for="Foto" class="col-sm-2 col-form-</pre>
   label">Foto</label>
                                 <div class="col-sm-10">
70.
                                     <input type="file" class="<?=</pre>
   (validation_show_error('foto')) ? 'is-invalid' : ''; ?>" id="foto"
   name="foto">
71.
                                     <small class="text-danger invalid-</pre>
   feedback">
                                         <?= validation show error('foto') ?>
                                     </small><br>
                                     <img width="60px" src="<?= base url()</pre>
   ?>/img/<?= $data_product['foto'] ?>" alt="<?= $data_product['foto'] ?>">
75.
                                 </div>
                            </div>
                            <div class="form-group row">
78.
                                 <label for="Keterangan" class="col-sm-2 col-</pre>
   form-label">Keterangan</label>
81.
                                 <div class="col-sm-10">
82.
                                     <textarea class="form-control <?=
   (validation_show_error('keterangan')) ? 'is-invalid' : ''; ?>"
   id="keterangan" name="keterangan" rows="3"><?= $data_product['keterangan']</pre>
   ?></textarea>
                                     <small class="text-danger">
   validation show error('keterangan') ?>
                                     </small>
87.
                                </div>
```

```
</div>
89.
                             <div class="form-group row">
                                 <div class="col-sm-10 offset-md-2">
92.
                                     <button type="submit" class="btn btn-</pre>
   primary">Simpan</button>
94.
                                     <a class="btn btn-secondary"</pre>
   href="javascript:history.back()">Kembali</a>
                                 </div>
                             </div>
97.
                        </form>
98.
                   </div>
               </div>
100.
                 </div>
             </div>
         </div>
```

- 6. Buat file header.php, menu.php, footer.php didalam folder template. Untuk isi didalam file sebagai berikut
  - a. header.php

```
1. <!DOCTYPE html>
2. <html lang="en">
3. <head>
4. <title><?= $title ?></title>
5. <meta charset="utf-8">
6. <meta name="viewport" content="width=device-width, initial-scale=1">
8. <link rel="stylesheet"</pre>
9. href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.cs
   s">
10.<!-- Fontawesome 5.15.3-->
11.<link rel="stylesheet"</pre>
12.
13.href="https://cdnjs.cloudflare.com/ajax/libs/font-
   awesome/5.15.3/css/all.min.css" integrity="sha512-
   iBBXm8fW90+nuLcSK1bmrPcLa00T92x01BIsZ+ywDWZCvqsWgccV3gFoRBv0z+8dLJgyAHIhR3
14. VZc2oM/gI1w==" crossorigin="anonymous" referrerpolicy="no-referrer" />
15.<!-- Datatables -->
16.rel="stylesheet"
```

```
17. href="https://cdn.datatables.net/1.10.24/css/dataTables.bootstrap4.min.css
18. <script
19.src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js">
20.</script>
21.<script
   src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.16.0/umd/popper.mi
   n.js"></script>
22.<script
   src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js">
24. <script src="https://cdnjs.cloudflare.com/ajax/libs/font-
   awesome/5.15.3/js/all.min.js" integrity="sha512-
   RXf+QSDCUQs5uwRKaDoXt55jygZZm2V++WUZduaU/Ui/9EGp3f/2KZVahFZBKGH0s774sd3Hmr
   hUy+Sg0FQLVQ==" crossorigin="anonymous" referrerpolicy="no-
   referrer"></script>
26.<script
   src="https://cdn.datatables.net/1.10.24/js/jquery.dataTables.min.js"></scr</pre>
   ipt>
27.<script
   src="https://cdn.datatables.net/1.10.24/js/dataTables.bootstrap4.min.js"><</pre>
   /script>
28. <script>
       $(document).ready(function() {
         $('#example').DataTable({
           searching: false // Menonaktifkan fitur pencarian
32.
         });
33.
      });
34. </script>
35.<link rel="stylesheet" href="style.css">
36.</head>
37. <body>
```

#### b. menu.php

```
<!-- Navbar links -->
     <div class="collapse navbar-collapse" id="collapsibleNavbar">
10.
       11.
          12.
             <a class="nav-link" href="<?= base_url('/'); ?>">Home</a>
          15.
             <a class="nav-link" href="<?= base_url('/add') ?>">Tambah
  Product</a>
16.
          17.
18. </div>
19.</nav>
```

#### c. footer.php

```
1. </body>
2. </html>
```

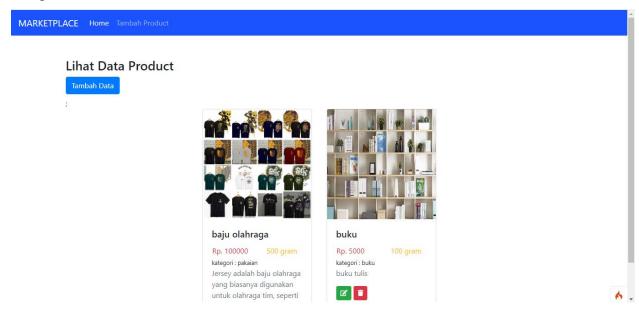
## 7. Isi file .env seperti berikut

```
    CI ENVIRONMENT = development

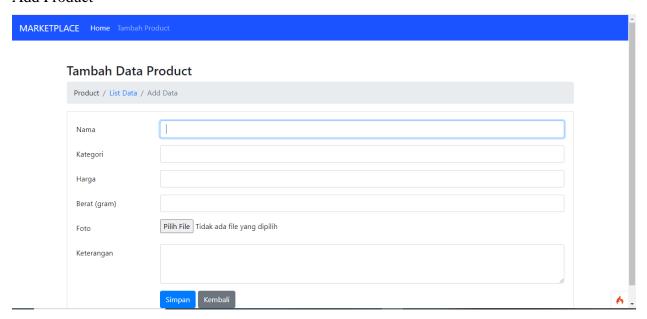
2.
4. # APP
5. #-----
7. app.baseURL = 'http://localhost/product/public/'
8. # If you have trouble with `.`, you could also use `_`.
9. # app_baseURL = ''
10.# app.forceGlobalSecureRequests = false
11.# app.CSPEnabled = false
12.
13.#-----
14.# DATABASE
15.#-----
16.
17. database.default.hostname = localhost
18. database.default.database = product
19. database.default.username = root
20. database.default.password = ''
21. database.default.DBDriver = MySQLi
22. database.default.DBPrefix =
23. database.default.port = 3306
```

## berikut tampilan ketika dijalankan pada browser

## 1. Tampilan Home



### 2. Add Product



3. Edit Product

## **Edit Product**

Jadwal / List Data / Add Data

Judwai / Eist Data /	, 100 500
Nama	þaju olahraga
Kategori	pakaian
Harga	100000
Berat (gram)	500
Foto	Pilih File Tidak ada file yang dipilih
Keterangan	Jersey adalah baju olahraga yang biasanya digunakan untuk olahraga tim, seperti sepak bola, basket, dan voli.
	Simpan Kembali