TUGAS 2

PEMROGRAMANBERBASISWEBLANJUTAN

Baqiyatur Rahma

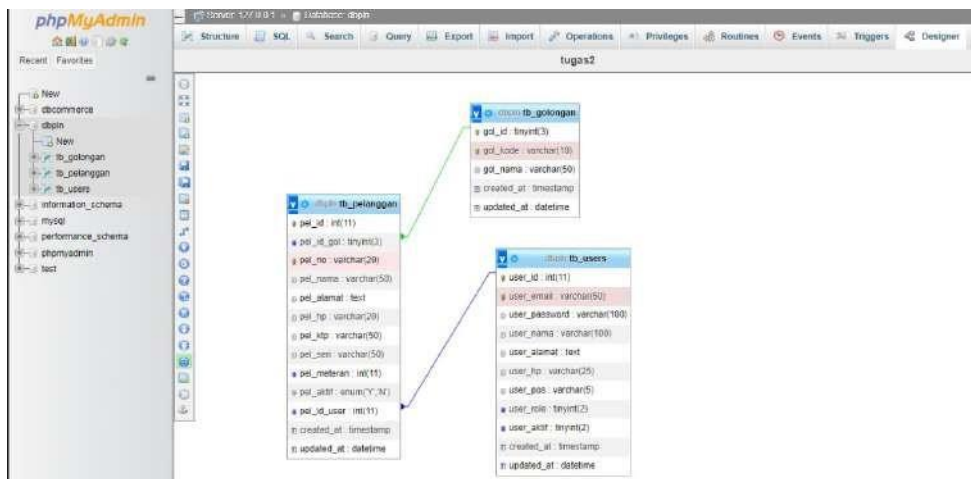0702192010

DOSENPENGAMPU

SUENDRI,M.Kom

PROGRAMSTUDISISTEMINFORMASI
FAKULTASSAINSDANTEKNOLOGI
UINSUMATERAUTARAMEDAN2
022

```sql
CREATE TABLE tb_golongan (
    gol_id TINYINT(3) NOT NULL AUTO_INCREMENT,
    gol_kode VARCHAR(10) NOT NULL,
    gol_nama VARCHAR(50) NOT NULL,
    created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP,
    updated_at DATETIME DEFAULT NULL,
    PRIMARY KEY(gol_id),
    UNIQUE KEY(gol_kode)
);
CREATE TABLE tb_users (
    users_id INT(11) NOT NULL AUTO_INCREMENT,
    user_email VARCHAR(50) NOT NULL,
    user_password VARCHAR(100) NOT NULL,
    user_nama VARCHAR(100) DEFAULT NULL,
    user_alamat TEXT DEFAULT NULL,
    user_hp VARCHAR(25) DEFAULT NULL,
    user_pos VARCHAR(5) DEFAULT NULL,
    user_role TINYINT(2),
    user_aktif TINYINT(2),
    created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP,
    updated_at DATETIME DEFAULT NULL,
    PRIMARY KEY(users_id),
    UNIQUE KEY(user_email)
);
CREATE TABLE tb_pelanggan (
    pel_id INT(11) NOT NULL AUTO_INCREMENT,
    pel_id_gol TINYINT(3) NOT NULL,
    pel_no VARCHAR(20) NOT NULL,
    pel_nama VARCHAR(50) NOT NULL,
    pel_alamat TEXT DEFAULT NULL,
    pel_hp VARCHAR(20) NOT NULL,
    pel_ktp VARCHAR(50) NOT NULL,
    pel_seri VARCHAR(50) NOT NULL,
    pel_meteran INT(11) NOT NULL,
    pel_aktif enum('Y','N') NOT NULL,
    pel_id_user INT(11) NOT NULL,
    created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP,
    updated_at DATETIME DEFAULT NULL,
    PRIMARY KEY(pel_id),
    UNIQUE KEY(pel_no),
    FOREIGN KEY(pel_id_gol) REFERENCES tb_golongan(gol_id) ON UPDATE CASCADE ON DELETE RESTRICT,
    FOREIGN KEY(pel_id_user) REFERENCES tb_users(user_id) ON UPDATE CASCADE ON DELETE RESTRICT
);
```

Daftar Golongan

NO	KODE	NAMA	EDIT	DELETE
1	IAN1	RUMAH CEMARA 1	Edit	Delete
2	IAN2	RUMAH CEMARA 2	Edit	Delete
3	IAN3	RUMAH CEMARA 3	Edit	Delete

Daftar Pengguna

NO	EMAIL	PASSWORD	NAMA	ALAMAT	HP	POS	ROLE	AKTIF	EDIT	DELETE
2	Baqlyatian@gma.com	Baqlyatur705	baqlyatur	Barakuda	087813613	20221	3	1	Edit	Delete
3	rahma@gmail.com	rahma006	rahma	Medan	08123612	20781	3	2	Edit	Delete

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Tugas 2 PBWL   Home   Golongan   Users   Pelanggan   Layanan ▾

Daftar Pelanggan

pelanggan Baru

NO	GOLONGAN	NOMOR	NAMA	ALAMAT	HP	KTP	SERI	METERAN	AKTIF	USER	EDIT	DELETE
1	1	1732	baqiyatur	Barakuda	081376123	ada	1199w9k9	1281132	1	2	Edit	Delete
2	2	129189212w	rahma	Medan	0871828312	ada	27840523	18474562	1	3	Edit	Delete

app > controllers > Golongan.php

```php
<?php

namespace App\Controllers;

use App\Core\Controller;

class Golongan extends Controller
{
    protected object $model;

    public function __construct() {
        $this->model = new \App\Models\Golongan();
    }

    public function index()
    {
        $data['rows'] = $this->model->all();
        $this->home('golongan/index', $data);
    }

    public function create()
    {
        $this->home('golongan/create');
    }

    public function store()
    {
        $this->model->store();
        header('location:' . URL . '/golongan/index');
    }

    public function edit($id)
    {
        $data['row'] = $this->model->edit($id);
        $this->home('golongan/edit', $data);
    }

    public function update()
    {
        $this->model->update();
        header('location:' . URL . '/golongan/index');
```

app > controllers > Users.php

```php
<?php

namespace App\Controllers;

use App\Core\Controller;

class Users extends Controller
{
    protected object $model;

    public function __construct() {
        $this->model = new \App\Models\Users();
    }

    public function index()
    {
        $data['rows'] = $this->model->all();
        $this->home('users/index', $data);
    }

    public function create()
    {
        $this->home('users/create');
    }

    public function store()
    {
        $this->model->store();
        header('location:' . URL . '/users/index');
    }

    public function edit($id)
    {
        $data['row'] = $this->model->edit($id);
        $this->home('users/edit', $data);
    }

    public function update()
    {
        $this->model->update();
        header('location:' . URL . '/users/index');
    }
```

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```php
<?php

namespace App\Controllers;

use App\Core\Controller;

class Pelanggan extends Controller
{
    protected object $model;

    public function __construct() {
        $this->model = new \App\Models\Pelanggan();
    }

    public function index()
    {
        $data['rows'] = $this->model->all();
        $this->home('pelanggan/index', $data);
    }

    public function create()
    {
        $this->home('pelanggan/create');
    }

    public function store()
    {
        $this->model->store();
        header('location: ' . URL . '/pelanggan/index');
    }

    public function edit($id)
    {
        $data['row'] = $this->model->edit($id);
        $this->home('pelanggan/edit', $data);
    }

    public function update()
    {
        $this->model->update();
        header('location: ' . URL . '/pelanggan/index');
    }
}
```

```php
<?php

namespace App\Models;

use App\Core\Model;

class Golongan extends Model
{
    public function all()
    {
        $sql = "SELECT * FROM tb_golongan";
        $stmt = $this->db->prepare($sql);
        $stmt->execute();

        $data = [];
        while ($rows = $stmt->fetch()) {
            $data[] = $rows;
        }

        return $data;
    }

    public function store()
    {
        if (isset($_POST['btn_simpan'])){

            $kode = $_POST['gol_kode'];
            $name = $_POST['gol_nama'];

            $sql = "INSERT INTO tb_golongan SET gol_kode=:gol_kode, gol_nama=:gol_nama";
            $stmt = $this->db->prepare($sql);
            $stmt->bindParam(":gol_kode", $kode);
            $stmt->bindParam(":gol_nama", $name);
            $stmt->execute();
        }
    }

    public function edit($id)
    {
        $sql = "SELECT * FROM tb_golongan WHERE gol_id=:gol_id";
        $stmt = $this->db->prepare($sql);
        $stmt->bindParam("gol_id", $id);
        $stmt->execute();
```

app > models > Pelanggan.php

```php
<?php

namespace App\Models;

use App\Core\Model;

class Pelanggan extends Model
{
    public function all()
    {
        $sql = "SELECT * FROM tb_pelanggan";
        $stmt = $this->db->prepare($sql);
        $stmt->execute();

        $data = [];
        while ($rows = $stmt->fetch()) {
            $data[] = $rows;
        }

        return $data;
    }

    public function store()
    {
        if (isset($_POST['btn_simpan'])){

            $id_gol = $_POST['pel_id_gol'];
            $no = $_POST['pel_no'];
            $nama = $_POST['pel_nama'];
            $alamat = $_POST['pel_alamat'];
            $hp = $_POST['pel_hp'];
            $ktp = $_POST['pel_ktp'];
            $seri = $_POST['pel_seri'];
            $meteran = $_POST['pel_meteran'];
            $aktif = $_POST['pel_aktif'];
            $id_users = $_POST['pel_id_users'];

            $sql = "INSERT INTO tb_pelanggan SET pel_id_gol=:pel_id_gol, pel_no=:pel_no, pel_nama=:pel_nama, pel_alamat=:pel_alamat, pel_hp=:pel_hp, pel_kt
            $stmt = $this->db->prepare($sql);
            $stmt->bindParam(":pel_id_gol", $id_gol);
            $stmt->bindParam(":pel_no", $no);
            $stmt->bindParam(":pel_nama", $nama);
            $stmt->bindParam(":pel_alamat", $alamat);
```

app > models > Users.php

```php
<?php

namespace App\Models;

use App\Core\Model;

class Users extends Model
{
    public function all()
    {
        $sql = "SELECT * FROM tb_users";
        $stmt = $this->db->prepare($sql);
        $stmt->execute();

        $data = [];
        while ($rows = $stmt->fetch()) {
            $data[] = $rows;
        }

        return $data;
    }

    public function store()
    {
        if (isset($_POST['btn_simpan'])){

            $email = $_POST['user_email'];
            $password = $_POST['user_password'];
            $nama = $_POST['user_nama'];
            $alamat = $_POST['user_alamat'];
            $hp = $_POST['user_hp'];
            $pos = $_POST['use_pos'];
            $role = $_POST['user_role'];
            $aktif = $_POST['user_aktif'];

            $sql = "INSERT INTO tb_users SET user_email=:user_email, user_password=:user_password, user_nama=:user_nama, user_alamat=:user_alamat, user_hp=
            $stmt = $this->db->prepare($sql);
            $stmt->bindParam(":user_email", $email);
            $stmt->bindParam(":user_password", $password);
            $stmt->bindParam(":user_nama", $nama);
            $stmt->bindParam(":user_alamat", $alamat);
            $stmt->bindParam(":user_hp", $hp);
            $stmt->bindParam("user_pos", $pos);
```

app > view > golongan > index.php

```php
ar Golongan
ref="<?php echo URL; ?>/golongan/create" class ="btn btn-primary btn-sm float-end">Golongan Baru</a>


less = "table table-bordered">
ad>
<tr>
    <th>NO</th>
    <th>KODE</th>
    <th>NAMA</th>
    <th>EDIT</th>
    <th>DELETE</th>
</tr>
ead>

dy>
<?php foreach ($data['rows'] as $row) { ?>
<tr>
    <td><?php echo $row['gol_id']; ?></td>
    <td><?php echo $row['gol_kode']; ?></td>
    <td><?php echo $row['gol_nama']; ?></td>
    <td><a href="<?php echo URL; ?>/golongan/edit/<?php echo $row['gol_id']; ?>" class ="btn btn-warning btn-sm">Edit</a></td>
    <td><a href="<?php echo URL; ?>/golongan/delete/<?php echo $row['gol_id']; ?>" class ="btn btn-danger btn-sm" onclick="return confirm('Apakah Anda yaki
</tr>
<?php } ?>

ody>
```

```php
<h3>
    Tambah Data Golongan

</h3>

<form action="<?php echo URL; ?>/golongan/store" method="POST">
    <div class="mb-3">
        <label class="form-label">Kode</label>
        <input type="text" class="form-control" name="gol_kode" required>
    </div>
    <div class="mb-3">
        <label class="form-label">Nama</label>
        <input type="text" class="form-control" name="gol_name">
    </div>
    <button type="submit" class="btn btn-success" name="btn_simpan">Simpan</button>
    <a href="<?php echo URL; ?>/golongan/index" class ="btn btn-primary">Kembali</a>
</form>
```

```php
<h3>
    Edit Data Golongan

</h3>

<form action="<?php echo URL; ?>/golongan/update" method="POST">
    <input type="hidden" name="gol_id" value="<?php echo $data['row']['gol_id']; ?>">
    <div class="mb-3">
        <label class="form-label">Kode</label>
        <input type="text" class="form-control" name="gol_kode" value="<?php echo $data['row']['gol_kode']; ?>" required>
    </div>
    <div class="mb-3">
        <label class="form-label">Nama</label>
        <input type="text" class="form-control" name="gol_name" value="<?php echo $data['row']['gol_nama']; ?>">
    </div>
    <button type="submit" class="btn btn-success" name="btn_update">Update</button>
    <a href="<?php echo URL; ?>/golongan/index" class ="btn btn-primary">Kembali</a>
</form>
```

```php
<h3>
    Daftar Pengguna
    <a href="<?php echo URL; ?>/users/create" class ="btn btn-primary btn-sm float-end">Pengguna Baru</a>
</h3>

<table class = "table table-bordered">
    <thead>
        <tr>
            <th>NO</th>
            <th>EMAIL</th>
            <th>PASSWORD</th>
            <th>NAMA</th>
            <th>ALAMAT</th>
            <th>HP</th>
            <th>POS</th>
            <th>ROLE</th>
            <th>AKTIF</th>
            <th>EDIT</th>
            <th>DELETE</th>
        </tr>
    </thead>

    <tbody>
        <?php foreach ($data['rows'] as $row) { ?>
        <tr>
            <td><?php echo $row['users_id']; ?></td>
            <td><?php echo $row['user_email']; ?></td>
            <td><?php echo $row['user_password']; ?></td>
            <td><?php echo $row['user_nama']; ?></td>
            <td><?php echo $row['user_alamat']; ?></td>
            <td><?php echo $row['user_hp']; ?></td>
            <td><?php echo $row['user_pos']; ?></td>
            <td><?php echo $row['user_role']; ?></td>
            <td><?php echo $row['user_aktif']; ?></td>
            <td><a href="<?php echo URL; ?>/users/edit/<?php echo $row['users_id']; ?>" class ="btn btn-warning btn-sm">Edit</a></td>
            <td><a href="<?php echo URL; ?>/users/delete/<?php echo $row['users_id']; ?>" class ="btn btn-danger btn-sm" onclick="return confirm('Apakah An
        </tr>
        <?php } ?>

    </tbody>

</table>
```

```php
<h3>
    Tambah Data Pengguna

</h3>

<form action="<?php echo URL; ?>/users/store" method="POST">
    <div class="mb-3">
        <label class="form-label">Email</label>
        <input type="text" class="form-control" name="user_email" required>
    </div>
    <div class="mb-3">
        <label class="form-label">Password</label>
        <input type="text" class="form-control" name="user_password">
    </div>
    <div class="mb-3">
        <label class="form-label">Nama</label>
        <input type="text" class="form-control" name="user_name">
    </div>
    <div class="mb-3">
        <label class="form-label">Alamat</label>
        <input type="text" class="form-control" name="user_alamat">
    </div>
    <div class="mb-3">
        <label class="form-label">HP</label>
        <input type="text" class="form-control" name="user_pos">
    </div>
    <div class="mb-3">
        <label class="form-label">Pos</label>
        <input type="text" class="form-control" name="user_role">
    </div>
    <div class="mb-3">
        <label class="form-label">Role</label>
        <input type="text" class="form-control" name="gol_name">
    </div>
    <div class="mb-3">
        <label class="form-label">Aktif</label>
        <input type="text" class="form-control" name="gol_name">
    </div>
    <button type="submit" class="btn btn-success" name="btn_simpan">Simpan</button>
    <a href="<?php echo URL; ?>/users/index" class ="btn btn-primary">Kembali</a>
</form>
```

```php
<h3>
    Edit Data Pengguna

</h3>

<form action="<?php echo URL; ?>/users/update" method="POST">
    <input type="hidden" name="users_id" value="<?php echo $data['row']['users_id']; ?>">
    <div class="mb-3">
        <label class="form-label">Email</label>
        <input type="text" class="form-control" name="user_email" value="<?php echo $data['row']['user_email']; ?>" required>
    </div>
    <div class="mb-3">
        <label class="form-label">Password</label>
        <input type="text" class="form-control" name="user_password" value="<?php echo $data['row']['user_password']; ?>">
    </div>
    <div class="mb-3">
        <label class="form-label">Nama</label>
        <input type="text" class="form-control" name="user_name" value="<?php echo $data['row']['user_name']; ?>">
    </div>
    <div class="mb-3">
        <label class="form-label">alamat</label>
        <input type="text" class="form-control" name="user_alamat" value="<?php echo $data['row']['user_alamat']; ?>">
    </div>
    <div class="mb-3">
        <label class="form-label">HP</label>
        <input type="text" class="form-control" name="user_hp" value="<?php echo $data['row']['user_hp']; ?>">
    </div>
    <div class="mb-3">
        <label class="form-label">POS</label>
        <input type="text" class="form-control" name="user_pos" value="<?php echo $data['row']['user_pos']; ?>">
    </div>
    <div class="mb-3">
        <label class="form-label">Role</label>
        <input type="text" class="form-control" name="user_role" value="<?php echo $data['row']['user_role']; ?>">
    </div>
    <div class="mb-3">
        <label class="form-label">Aktif</label>
        <input type="text" class="form-control" name="user_aktif" value="<?php echo $data['row']['user_aktif']; ?>">
    </div>
    <button type="submit" class="btn btn-success" name="btn_update">Update</button>
    <a href="<?php echo URL; ?>/users/index" class ="btn btn-primary">Kembali</a>
</form>
```

```php
>
Daftar Pelanggan
<a href="<?php echo URL; ?>/pelanggan/create" class ="btn btn-primary btn-sm float-end">pelanggan Baru</a>
}>

>le class = "table table-bordered">
    <thead>
        <tr>
            <th>NO</th>
            <th>GOLONGAN</th>
            <th>NOMOR</th>
            <th>NAMA</th>
            <th>ALAMAT</th>
            <th>HP</th>
            <th>KTP</th>
            <th>SERI</th>
            <th>METERAN</th>
            <th>AKTIF</th>
            <th>USER</th>
            <th>EDIT</th>
            <th>DELETE</th>
        </tr>
    </thead>

    <tbody>
        <?php foreach ($data['rows'] as $row) { ?>
        <tr>
            <td><?php echo $row['pel_id']; ?></td>
            <td><?php echo $row['pel_id_gol']; ?></td>
            <td><?php echo $row['pel_no']; ?></td>
            <td><?php echo $row['pel_name']; ?></td>
            <td><?php echo $row['pel_alamat']; ?></td>
            <td><?php echo $row['pel_hp']; ?></td>
            <td><?php echo $row['pel_ktp']; ?></td>
            <td><?php echo $row['pel_seri']; ?></td>
            <td><?php echo $row['pel_meteran']; ?></td>
            <td><?php echo $row['pel_aktif']; ?></td>
            <td><?php echo $row['pel_id_users']; ?></td>
            <td><a href="<?php echo URL; ?>/pelanggan/edit/<?php echo $row['pel_id']; ?>" class ="btn btn-warning btn-sm">Edit</a></td>
            <td><a href="<?php echo URL; ?>/pelanggan/delete/<?php echo $row['pel_id']; ?>" class ="btn btn-danger btn-sm" onclick="return confirm('Apakah Anda
        </tr>
        <?php } ?>
```

```php
<h3>
    Tambah Data Pelanggan

</h3>

<form action="<?php echo URL; ?>/pelanggan/store" method="POST">
    <div class="mb-3">
        <label class="form-label">Golongan</label>
        <input type="text" class="form-control" name="pel_id_gol" required>
    </div>
    </div>
    <div class="mb-3">
        <label class="form-label">Nomor</label>
        <input type="text" class="form-control" name="pel_no">
    </div>
    <div class="mb-3">
        <label class="form-label">Nama</label>
        <input type="text" class="form-control" name="pel_nama">
    </div>
    <div class="mb-3">
        <label class="form-label">Alamat</label>
        <input type="text" class="form-control" name="pel_alamat">
    </div>
    <div class="mb-3">
        <label class="form-label">HP</label>
        <input type="text" class="form-control" name="pel_hp">
    </div>
    <div class="mb-3">
        <label class="form-label">KTP</label>
        <input type="text" class="form-control" name="pel_ktp">
    </div>
    <div class="mb-3">
        <label class="form-label">Seri</label>
        <input type="text" class="form-control" name="pel_seri">
    </div>
    <div class="mb-3">
        <label class="form-label">Meteran</label>
        <input type="text" class="form-control" name="pel_meteran">
    </div>
    <div class="mb-3">
        <label class="form-label">Aktif</label>
        <input type="text" class="form-control" name="pel_aktif">
    </div>
```

```php
14        <input type="text" class="form-control" name="pel_no" value="<?php echo $data['row']['pel_no']; ?>">
15      </div>
16      <div class="mb-3">
17        <label class="form-label">Nama</label>
18        <input type="text" class="form-control" name="pel_nama" value="<?php echo $data['row']['pel_nama']; ?>">
19      </div>
20      <div class="mb-3">
21        <label class="form-label">alamat</label>
22        <input type="text" class="form-control" name="pel_alamat" value="<?php echo $data['row']['pel_alamat']; ?>">
23      </div>
24      <div class="mb-3">
25        <label class="form-label">HP</label>
26        <input type="text" class="form-control" name="pel_hp" value="<?php echo $data['row']['pel_hp']; ?>">
27      </div>
28      <div class="mb-3">
29        <label class="form-label">KTP</label>
30        <input type="text" class="form-control" name="pel_ktp" value="<?php echo $data['row']['pel_ktp']; ?>">
31      </div>
32      <div class="mb-3">
33        <label class="form-label">Seri</label>
34        <input type="text" class="form-control" name="pel_seri" value="<?php echo $data['row']['pel_seri']; ?>">
35      </div>
36      <div class="mb-3">
37        <label class="form-label">Meteran</label>
38        <input type="text" class="form-control" name="pel_meteran" value="<?php echo $data['row']['pel_meteran']; ?>">
39      </div>
40      <div class="mb-3">
41        <label class="form-label">Aktif</label>
42        <input type="text" class="form-control" name="pel_aktif" value="<?php echo $data['row']['pel_aktif']; ?>">
43      </div>
44      <div class="mb-3">
45        <label class="form-label">User</label>
46        <input type="text" class="form-control" name="pel_id_users" value="<?php echo $data['row']['pel_id_users']; ?>">
47      </div>
48      <button type="submit" class="btn btn-success" name="btn_update">Update</button>
49      <a href="<?php echo URL; ?>/pelanggan/index" class="btn btn-primary">Kembali</a>
50    </form>
```

Ln 49, Col 40   Spaces: 4   UTF-8   CRLF   PHP