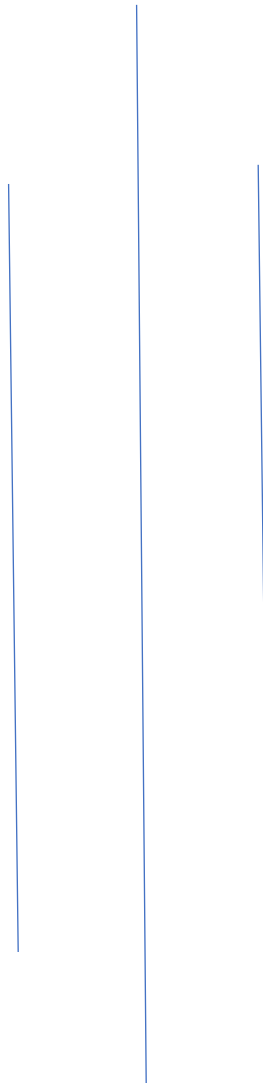


LAPORAN UJIAN AKHIR SEMESTER
PRAKTIKUM PEMROGRAMAN WEB DINAMIS



Jarot Setiawan

L200190247

G

Database “guestbook.db”

Server: 127.0.0.1 » Database: guestbook

Struktur SQL Cari Kueri Ekspor Impor Operasi Hak Akses Routine Event Trigger

Filters

Mengandung kata:

Tabel	Tindakan	Baris	Jenis	Penyortiran	Ukuran	Beban
<input type="checkbox"/> guestbook	Jelajahi Struktur Cari Tambahkan Kosongkan Hapus	0	InnoDB	utf8mb4_general_ci	16.0 KB	-
<input type="checkbox"/> user	Jelajahi Struktur Cari Tambahkan Kosongkan Hapus	2	InnoDB	utf8mb4_general_ci	32.0 KB	-
2 tabel Jumlah		2 InnoDB utf8mb4_general_ci 48.0 KB 0 B				

⬆️ ☐ Pilih Semua Dengan pilihan:

Cetak Kamus data

Buat tabel

1. User

Server: 127.0.0.1 » Database: guestbook » Tabel: user

Jelajahi Struktur SQL Cari Tambahkan Ekspor Impor Hak Akses Operasi Pelacakan

Struktur tabel Tampilan hubungan

#	Nama	Jenis	Penyortiran	Atribut	Tak Ternilai	Bawaan	Komentar	Ekstra	Tindakan
<input type="checkbox"/> 1	id	int(11)			Tidak	Tidak ada		AUTO_INCREMENT	Ubah Hapus Lainnya
<input type="checkbox"/> 2	username	varchar(10)	utf8mb4_general_ci		Tidak	Tidak ada			Ubah Hapus Lainnya
<input type="checkbox"/> 3	password	varchar(255)	utf8mb4_general_ci		Tidak	Tidak ada			Ubah Hapus Lainnya

2. Guestbook

Server: 127.0.0.1 » Database: guestbook » Tabel: guestbook

Jelajahi Struktur SQL Cari Tambahkan Ekspor Impor Hak Akses Operasi Pelacakan

Struktur tabel Tampilan hubungan

#	Nama	Jenis	Penyortiran	Atribut	Tak Ternilai	Bawaan	Komentar	Ekstra	Tindakan
<input type="checkbox"/> 1	id	int(11)			Tidak	Tidak ada		AUTO_INCREMENT	Ubah Hapus Lainnya
<input type="checkbox"/> 2	date	date			Tidak	Tidak ada			Ubah Hapus Lainnya
<input type="checkbox"/> 3	name	varchar(255)	utf8mb4_general_ci		Tidak	Tidak ada			Ubah Hapus Lainnya
<input type="checkbox"/> 4	email	varchar(255)	utf8mb4_general_ci		Tidak	Tidak ada			Ubah Hapus Lainnya
<input type="checkbox"/> 5	adress	varchar(255)	utf8mb4_general_ci		Tidak	Tidak ada			Ubah Hapus Lainnya
<input type="checkbox"/> 6	message	varchar(255)	utf8mb4_general_ci		Tidak	Tidak ada			Ubah Hapus Lainnya

Kode Php

- Login.php

```
<?php
    require "function.php";
    session_start();

    if(isset($_SESSION['username'])) {
        if($_SESSION['username'] == 'admin') {
            header("Location: admin.php");
        } elseif($_SESSION['username'] == 'user') {
            header("Location: user.php");
        }
    }

    if(isset($_POST['login'])) {
        $user = $_POST['username'];
        $password = $_POST['password'];

        cekAkun($user, $password);
    }

    if(isset($_POST['daftar'])) {
        $user = $_POST['username'];
        $password = $_POST['password'];
        $confPass = $_POST['confpass'];

        daftar($user, $password, $confPass);
    }
?>
<!DOCTYPE html>
<html>
<head>
    <title>Login / Register</title>
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.
css" rel="stylesheet" integrity="sha384-
1BmE4kWBq78iYhF1dvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3"
crossorigin="anonymous">
</head>
<body class="bg bg-secondary bg-opacity-10 d-flex align-items-center"
style="width: 100vw; min-height: 100vh;">
    <div class="container">
```

```

-         <h1 class="text-secondary fw-bold text-center my-5">Guestbook -
Jarot Setiawan - L200190247</h1>
-         <div class="row">
-             <div class="col login bg-white rounded rounded-2 border
border-end">
-                 <h3 class="text-center text-primary fw-bold mt-5 mb-
3">Login</h3>
-                 <form action="" method="post" class="text-center mb-5">
-                     <p>Username</p>
-                     <input type="text" name="username" style="width: 50%;"
required>
-                     <p>Password</p>
-                     <input type="password" name="password" style="width:
50%;" required>
-                     <br>
-                     <input type="submit" name="login" value="Login"
class="bg-primary border-0 rounded rounded-3 text-white px-3 py-1 my-3">
-                 </form>
-             </div>
-             <div class="col register bg-white rounded rounded-2 border
border-start">
-                 <h3 class="text-center text-primary fw-bold mt-5 mb-
3">Register</h3>
-                 <form action="" method="post" class="text-center mb-5">
-                     <p>Username</p>
-                     <input type="text" name="username" style="width: 50%;"
required>
-                     <p>Password</p>
-                     <input type="password" name="password" style="width:
50%;" required>
-                     <p>Konfirmasi Password</p>
-                     <input type="password" name="confpass" style="width:
50%;" required>
-                     <br>
-                     <input type="submit" name="daftar" value="Daftar"
class="bg-primary border-0 rounded rounded-3 text-white px-3 py-1 my-3">
-                 </form>
-             </div>
-         </div>
-     </div>
- </body>
- </html>

```

```

- Index.php

```

```

- <?php
-     require "function.php";

```

```

-     session_start();
-
-     if($_SESSION['username'] != 'user'){
-         echo "<script>alert('Silahkan login sebagai user')</script>";
-         header("Location:login.php");
-     }
-
-     if(isset($_POST[' kirim'])){
-         $name = $_POST['name'];
-         $email = $_POST['email'];
-         $address = $_POST['address'];
-         $message = $_POST['message'];
-         $date = date('Y-m-d');
-         tambah($name, $email, $address, $message, $date);
-     }
-
-     ?>
-     <!DOCTYPE html>
-     <html>
-     <head>
-         <title>Guest Book Sign</title>
-         <link
- href="https://cdn.jsdelivrivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.
- css" rel="stylesheet" integrity="sha384-
- 1BmE4kWBq78iYhFIdvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3"
- crossorigin="anonymous">
-     </head>
-     <body class="bg bg-secondary bg-opacity-10" style="width: 100vw; min-
- height: 100vh;">
-         <h1 class="fw-light text-secondary text-center py-3">Guest Book
- Sign</h1>
-         <div class="container">
-             <a href="logout.php" class="text-end bg-danger rounded text-
- decoration-none text-white px-3 py-1" style="position: absolute;">Log
- Out</a>
-             <div class="form-sign bg-white rounded border border-1">
-                 <h3 class="text-center text-primary fw-bold mt-5 mb-3">Test's
- GuestBook</h3>
-                 <p class="text-center text-secondary">Please sign my
- Guestbook!</p>
-                 <form action="" method="post" class="bg-primary bg-opacity-10
- my-2 py-4 mx-5 px-5" style="border-radius: 20px;">
-                     <p>Nama Lengkap <span class="text-danger">*</span> </p>
-                     <input type="text" name="name" maxlength="255" required
- style="width: 100%;">
-                     <p>Email</p>

```

```

-         <input type="email" name="email" maxlength="255"
style="width: 100%;">
-         <p>Alamat</p>
-         <input type="text" name="adress" maxlength="255"
style="width: 100%;">
-         <p>Pesannya <span class="text-danger">*</span></p>
-         <textarea name="message" required style="width: 100%;
height: 100px;">
-
-         </textarea>
-         <div class="button text-center my-2">
-             <input type="submit" name=" kirim" value="Kirim"
class="border-0 rounded-3 bg-primary text-white py-1 px-3">
-         </div>
-     </form>
-     <hr>
-     <div class="sign-guestbook">
-         <?php
-             $data_sign = query("select * from guestbook");
-         ?>
-         <?php if(count($data_sign)>0): ?>
-             <p class="text-center text-secondary">Total Entries : (<?=
count($data_sign) ?>)</p>
-             <?php foreach($data_sign as $row): ?>
-                 <div class="bg-primary bg-opacity-10 my-2 py-4 mx-5 px-5"
style="border-radius: 20px;">
-                     <div class="row">
-                         <div class="col">
-                             <div class="row">
-                                 <div class="col-3">
-                                     <p>Siapa Namamu? </p>
-                                     <p>Darimana kamu berasal?</p>
-                                     <p class="mb-0">Pesannya</p>
-                                 </div>
-                                 <div class="col text-start">
-                                     <p class="fw-bold"><?= $row['name']
?></p>
-
-                                     <p><?= $row['adress'] ?></p>
-                                     <p class="mb-0"><?= $row['message']
?></p>
-
-                                 </div>
-                             </div>
-                         </div>
-                         <div class="col-2 text-end">
-                             <p class="my-0"><?= $row['date'] ?></p>

```

```

-         </div>
-     </div>
- </div>
-     <?php endforeach ?>
-     <?php endif ?>
- </div>
- </div>
- </div>
- </body>
- </html>

```

- Admin.php

```

- <?php
-     require "function.php";
-     session_start();
-
-     if($_SESSION['username'] != 'admin'){
-         echo "<script>alert('Silahkan login sebagai admin')</script>";
-         header("Location:login.php");
-     }
-
-     if(isset($_POST['hapus'])){
-         $id = $_POST['id'];
-         hapus($id, 'guestbook');
-     }
-
-     if(isset($_POST['edit'])){
-         $id = $_POST['id'];
-         edit($id);
-     }
- ?>
- <!DOCTYPE html>
- <html>
- <head>
-     <title>Document</title>
-     <!-- Link Bootstarp -->
-     <link
- href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.
- css" rel="stylesheet" integrity="sha384-
- 1BmE4kWBq78iYhF1dvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3"
- crossorigin="anonymous">
- </head>
- <body style="width: 100vw; min-height: 100vh;" class="bg-secondary bg-
- opacity-10">
-     <h1 class="text-center text-secondary fw-light py-3">Guestbook
- Post</h1>

```

```

-     <div class="container">
-     <a href="logout.php" class="text-end bg-danger rounded text-
- decoration-none text-white px-3 py-1">Log Out</a>
-     <div class="post bg-white rounded border border-1">
-     <div class="item p-3">
-     <?php
-     $data_post = query("select * from guestbook");
-     ?>
-     <div class="row border-top border-bottom">
-     <div class="col-8 fw-bold text-secondary">
-     Author / Post
-     </div>
-     <div class="col-2 fw-bold text-center text-
- secondary">Tanggal</div>
-     <div class="col-2"></div>
-     </div>
-     <?php if(count($data_post)>0): ?>
-     <?php foreach($data_post as $row): ?>
-     <div class="row border-bottom">
-     <div class="col-8">
-     <div class="row">
-     <div class="col fw-bold">
-     <?= $row['name'] ?>
-     </div>
-     </div>
-     <div class="row">
-     <div class="col">
-     <?= $row['email'] ?>
-     <br>
-     <?= $row['message'] ?>
-     </div>
-     </div>
-     </div>
-     <div class="col-2 d-flex align-items-center text-
- center justify-content-center">
-     <?= $row['date'] ?>
-     </div>
-     <div class="col-2 d-flex align-items-center justify-
- content-around">
-     <form method="post">
-     <input type="submit" name="edit" value="Edit"
- class="bg-primary border-0 rounded rounded-3 text-white px-3 py-1">
-     <input type="submit" name="hapus" value="Hapus"
- class="bg-danger border-0 rounded rounded-3 text-white px-3 py-1">

```



```

-                                     <input type="hidden" name="id" value="<?=$row['id'] ?>">
-
-                                     </form>
-
-                                 </div>
-
-                            </div>
-
-                        <?php endforeach ?>
-                        <?php endif ?>
-
-                    </div>
-
-                </div>
-
-            </div>
-
-        </body>
-    </html>

```

Edit.php

```

- <?php
-     require "function.php";
-     session_start();
-
-     if($_SESSION['username'] != 'admin'){
-         echo "<script>alert('Silahkan login sebagai admin')</script>";
-         header("Location:login.php");
-     }
-
-     if(!isset($_GET['id'])){
-         header("Location:login.php");
-     } else {
-         $id = $_GET['id'];
-     }
-
-     if(isset($_POST['edit'])){
-         $name = $_POST['name'];
-         $email = $_POST['email'];
-         $adress = $_POST['adress'];
-         $message = $_POST['message'];
-
-         $query_edit = "update guestbook set name='$name', email='$email',
-         adress='$adress', message='$message' where id='$id'";
-         if(!mysqli_query($conn, $query_edit)){
-             echo mysqli_error($conn);
-         } else {
-             echo "<script>alert('Berhasil Diedit')</script>";
-             header("Location:admin.php");
-         }
-     }
- }
- ?>

```

```

- <!DOCTYPE html>
- <html>
- <head>
-     <title>Guest Book Sign</title>
-     <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.
css" rel="stylesheet" integrity="sha384-
1BmE4klWBq78iYhF1dvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3"
crossorigin="anonymous">
- </head>
- <body class="bg bg-secondary bg-opacity-10" style="width: 100vw; min-
height: 100vh;">
-     <h1 class="fw-light text-secondary text-center py-3">Guest Book
Edit</h1>
-     <div class="container">
-         <div class="form-sign bg-white rounded border border-1">
-             <?php
-                 $data_edit = query("select * from guestbook where
id='$id'");
-                 if(count($data_edit)==0){
-                     header("Location:login.php");
-                 }
-             ?>
-             <form action="" method="post" class="bg-primary bg-opacity-10
my-2 py-4 mx-5 px-5" style="border-radius: 20px;">
-                 <p>Nama Lengkap <span class="text-danger">*</span> </p>
-                 <input type="text" name="name" maxlength="255" required
value="<?= $data_edit[0]['name'] ?>" style="width: 100%;">
-                 <p>Email</p>
-                 <input type="email" name="email" maxlength="255" required
value="<?= $data_edit[0]['email'] ?>" style="width: 100%;">
-                 <p>Alamat</p>
-                 <input type="text" name="adress" maxlength="255" required
value="<?= $data_edit[0]['adress'] ?>" style="width: 100%;">
-                 <p>Pesan <span class="text-danger">*</span></p>
-                 <textarea name="message" required style="width: 100%;
height: 100px;"><?= $data_edit[0]['message'] ?></textarea>
-                 <div class="button text-center my-2">
-                     <input type="submit" name="edit" value="Edit"
class="border-0 rounded rounded-3 bg-primary text-white py-1 px-3">
-                 </div>
-             </form>
-         </div>
-     </div>
- </body>

```

```
- </html>
```

- Logut.php

```
- <?php
```

```
-     session_start();  
-     $_SESSION=[];  
-     $_SESSION['username'] = null;  
-     session_unset();  
-     session_destroy();  
-  
-     header("Location:login.php");  
-  
- ?>
```

- Function.php

```
- <?php
```

```
-     $conn = mysqli_connect('localhost', 'root', '', 'guestbook');  
-  
-     function query($query){  
-         global $conn;  
-         $data = mysqli_query($conn, $query);  
-         echo mysqli_error($conn);  
-         $rows = [];  
-         while ($row = mysqli_fetch_assoc($data)){  
-             $rows[] = $row;  
-         }  
-         return $rows;  
-     }  
-  
-     function tambah($name, $email, $adress, $message, $date){  
-         global $conn;  
-  
-         $query_insert = "insert into guestbook values (NULL, '$date',  
- '$name', '$email', '$adress', '$message')";  
-         if(!mysqli_query($conn, $query_insert)){  
-             echo mysqli_error($conn);  
-         } else {  
-             echo "<script>alert('Berhasil Terkirim')</script>";  
-         }  
-     }  
-  
-     function cekAkun($user, $pass){  
-         global $conn;  
-         $akun = query("select * from user where username='$user'");  
-         if (mysqli_affected_rows($conn)){  
-             if($akun[0]['username']==$user &&  
$akun[0]['password']==$pass){  
-                 if($user == 'admin'){
```

```

-         $_SESSION['username'] = 'admin';
-         header("Location:admin.php");
-     } else {
-         $_SESSION['username'] = 'user';
-         header("Location:index.php");
-     }
-     return true;
- } else {
-     return false;
- }
- }
- var_dump(mysqli_error($conn));
- }

- function daftar($user, $pass, $confPass){
-     global $conn;

-     if($pass != $confPass){
-         echo "<script>alert('Password dan Konfirmasi Password harus
sama!')</script>";
-         return false;
-     }
-     $dataUser = query("select * from user where username='$user'");
-     if(count($dataUser)>0){
-         echo "<script>alert('Username sudah terpakai')</script>";
-         return false;
-     }
-     $query_insert = "insert into user (id, username, password) values
(NULL, '$user', '$pass')";
-     if(!mysqli_query($conn, $query_insert)){
-         echo mysqli_error($conn);
-     } else {
-         echo "<script>alert('Berhasil Tendaftar')</script>";
-     }
- }

- function hapus($id, $tabel){
-     global $conn;

-     $query_delete = "delete from $tabel where id='$id'";
-     if(!mysqli_query($conn, $query_delete)){
-         echo mysqli_error($conn);
-     } else {
-         echo "<script>alert('Berhasil Terhapus')</script>";
-     }
- }

```

```

-     }
-
-     function edit($id){
-         header("Location:edit.php?id=$id");
-     }
- }>

```

Penjelasan Function php

- Koneksi db

```
$conn = mysqli_connect('localhost', 'root', '', 'guestbook');
```

- Get data hasil query

```

function query($query){
    global $conn;
    $data = mysqli_query($conn, $query);
    echo mysqli_error($conn);
    $rows = [];
    while ($row = mysqli_fetch_assoc($data)){
        $rows[] = $row;
    }
    return $rows;
}

```

- Menambah data guestbook

```

function tambah($name, $email, $adress, $message, $date){
    global $conn;

    $query_insert = "insert into guestbook values (NULL, '$date', '$name',
'$email', '$adress', '$message')";
    if(!mysqli_query($conn, $query_insert)){
        echo mysqli_error($conn);
    } else {
        echo "<script>alert('Berhasil Terkirim')</script>";
    }
}

```

- Cek Akun Login

```

function cekAkun($user, $pass){
    global $conn;
    $akun = query("select * from user where username='$user'");
    if (mysqli_affected_rows($conn)){
        if($akun[0]['username']==$user && $akun[0]['password']==$pass){
            if($user == 'admin'){
                $_SESSION['username'] = 'admin';
            }
        }
    }
}

```

```

        header("Location:admin.php");
    } else {
        $_SESSION['username'] = 'user';
        header("Location:index.php");
    }
    return true;
} else {
    return false;
}
}
var_dump(mysqli_error($conn));
}

```

- Daftar Akun

```

function daftar($user, $pass, $confPass){
    global $conn;

    if($pass != $confPass){
        echo "<script>alert('Password dan Konfirmasi Password harus sama!')</script>";
        return false;
    }
    $dataUser = query("select * from user where username='$user'");
    if(count($dataUser)>0){
        echo "<script>alert('Username sudah terpakai')</script>";
        return false;
    }
    $query_insert = "insert into user (id, username, password) values (NULL, '$user', '$pass')";
    if(!mysqli_query($conn, $query_insert)){
        echo mysqli_error($conn);
    } else {
        echo "<script>alert('Berhasil Tendaftar')</script>";
    }
}

```

- Hapus Item

```

function hapus($id, $tabel){
    global $conn;

    $query_delete = "delete from $tabel where id='$id'";
    if(!mysqli_query($conn, $query_delete)){
        echo mysqli_error($conn);
    } else {
        echo "<script>alert('Berhasil Terhapus')</script>";
    }
}

```

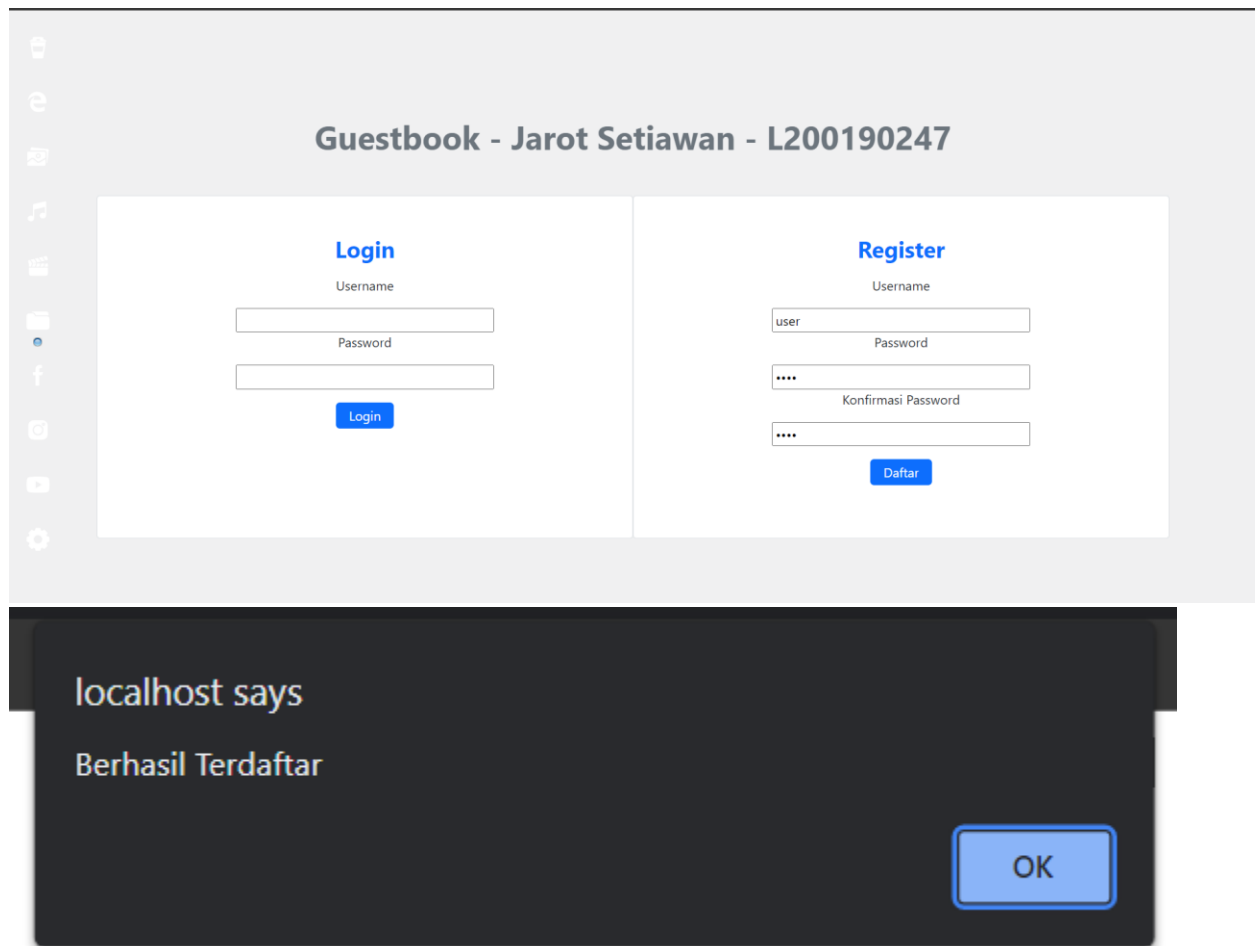
```
}
```

- **Pindah edit**

```
function edit($id){  
    header("Location:edit.php?id=$id");  
}
```

Implementasi

a. Sign Up



The screenshot displays a web application interface for a guestbook. The header reads "Guestbook - Jarot Setiawan - L200190247". Below the header, there are two main sections: "Login" and "Register".

Login Section:

- Username:
- Password:
- Button: [Login](#)

Register Section:

- Username:
- Password:
- Konfirmasi Password:
- Button: [Daftar](#)

At the bottom of the page, a dark notification box from "localhost" says "Berhasil Terdaftar" (Successfully Registered) with an "OK" button.

b. Login > beranda

a. user

Guestbook - Jarot Setiawan - L200190247

Login

Username

Password

Login

Register

Username

Password

Konfirmasi Password

Daftar

Guest Book Sign

Log Out

Test's GuestBook

Please sign my Guestbook!

Nama Lengkap *

Email

Alamat

Pesan *

Kirim

b. admin

Guestbook - Jarot Setiawan - L200190247

Login

Username

Password

Login

Register

Username

Password

Konfirmasi Password

Daftar

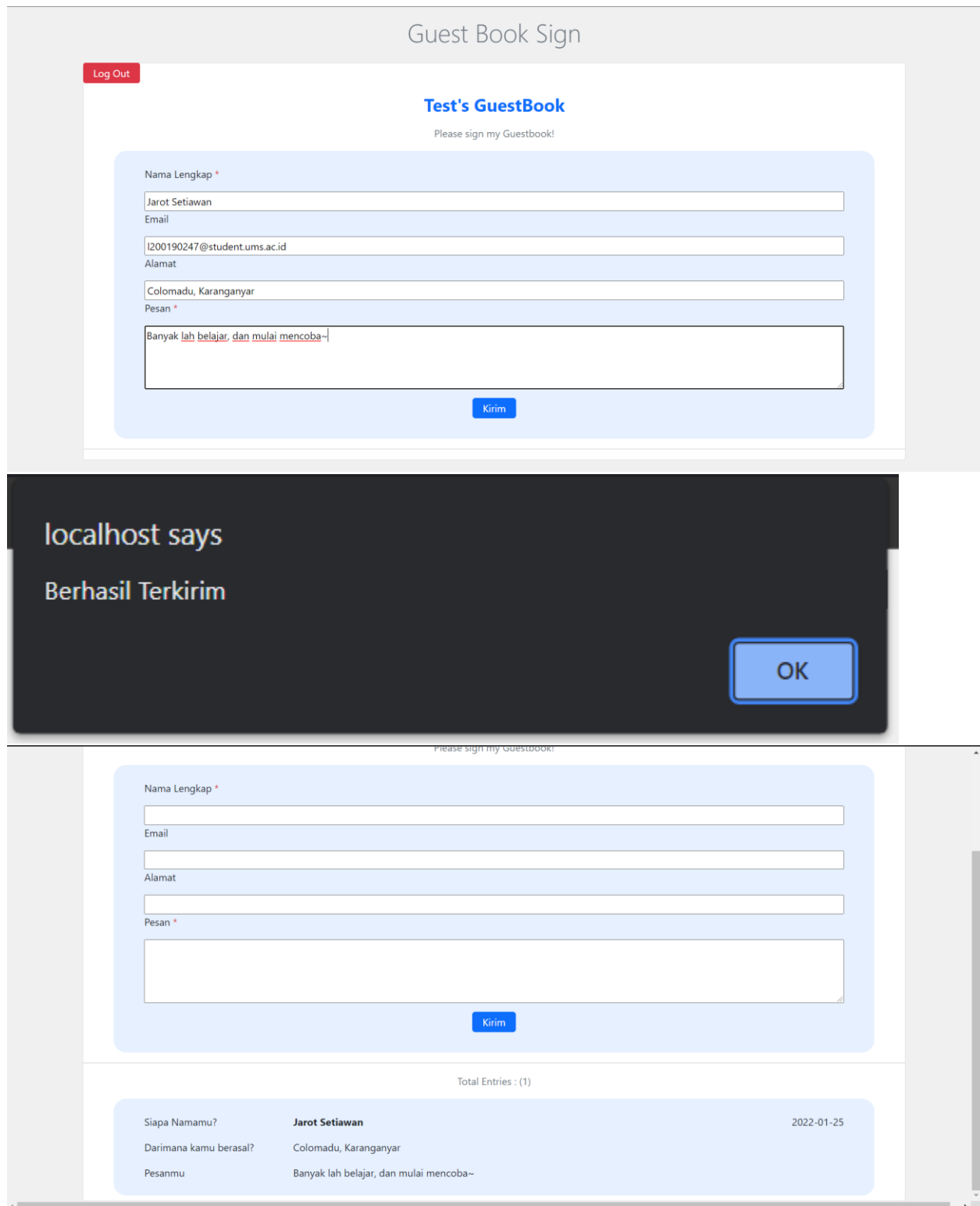
Guestbook Post

Log Out

Author / Post

Tanggal

c. Form Guestbook > input > view



d. Halaman admin menampilkan hasil

Guestbook Post

[Log Out](#)

Author / Post

Jarot Setiawan

L200190247@student.ums.ac.id

Banyak lah belajar, dan mulai mencoba~

Tanggal

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Nama Lengkap *

jarotstwn

Email

jarotsetiawan1001@gmail.com

Alamat

Deket Kampus

Pesan *

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jarotstwn

jarotsetiawan1001@gmail.com

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jarotstwn

jarotsetiawan1001@gmail.com

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Hapus

localhost says

Berhasil Terhapus

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Password

Login

Register

Username

Password

Konfirmasi Password

Daftar

f. Tampilan

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Kirim