LAPORAN UJIAN AKHIR SEMESTER

PRAKTIKUM PEMROGRAMAN WEB DINAMIS
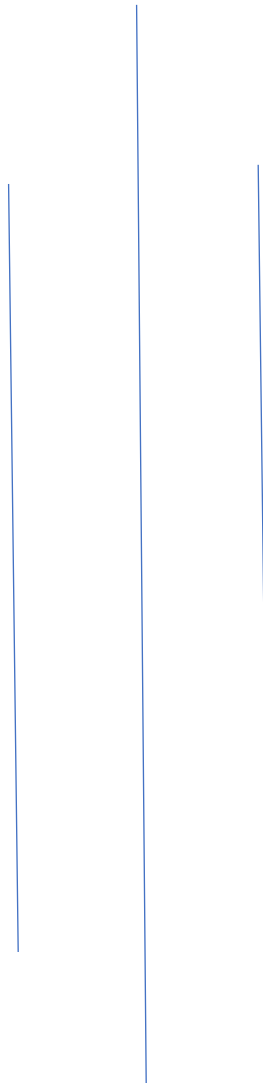
Jarot Setiawan

L200190247

G

Database "guestbook.db"

1. User

2. Guestbook

Kode Php

- **Login.php**

```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-
1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3"
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">
```

```html
        <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
<?php
    require "function.php";
```

```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'];
            $adress = $_POST['adress'];
            $message = $_POST['message'];
            $date = date('Y-m-d');
            tambah($name, $email, $adress, $message, $date);
        }
    ?>
<!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-
1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3"
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>
```

```html
                        <input type="email" name="email" maxlength="255"
    style="width: 100%;">
                        <p>Alamat</p>
                        <input type="text" name="adress" maxlength="255"
    style="width: 100%;">
                        <p>Pesan <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 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">Pesanmu</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
<?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-
1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3"
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>
```

```php
        <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
<?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-
1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3"
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
<?php
    session_start();
    $_SESSION=[];
    $_SESSION['username'] = null;
    session_unset();
    session_destroy();

    header("Location:login.php");
?>
```

- **Function.php**

```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'){
```

```php
                            $_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 Terdaftar')</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';
```

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

- **Daftar Akun**

```php
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 Terdaftar')</script>";
    }
}
```

- **Hapus Item**

```php
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>";
    }
```
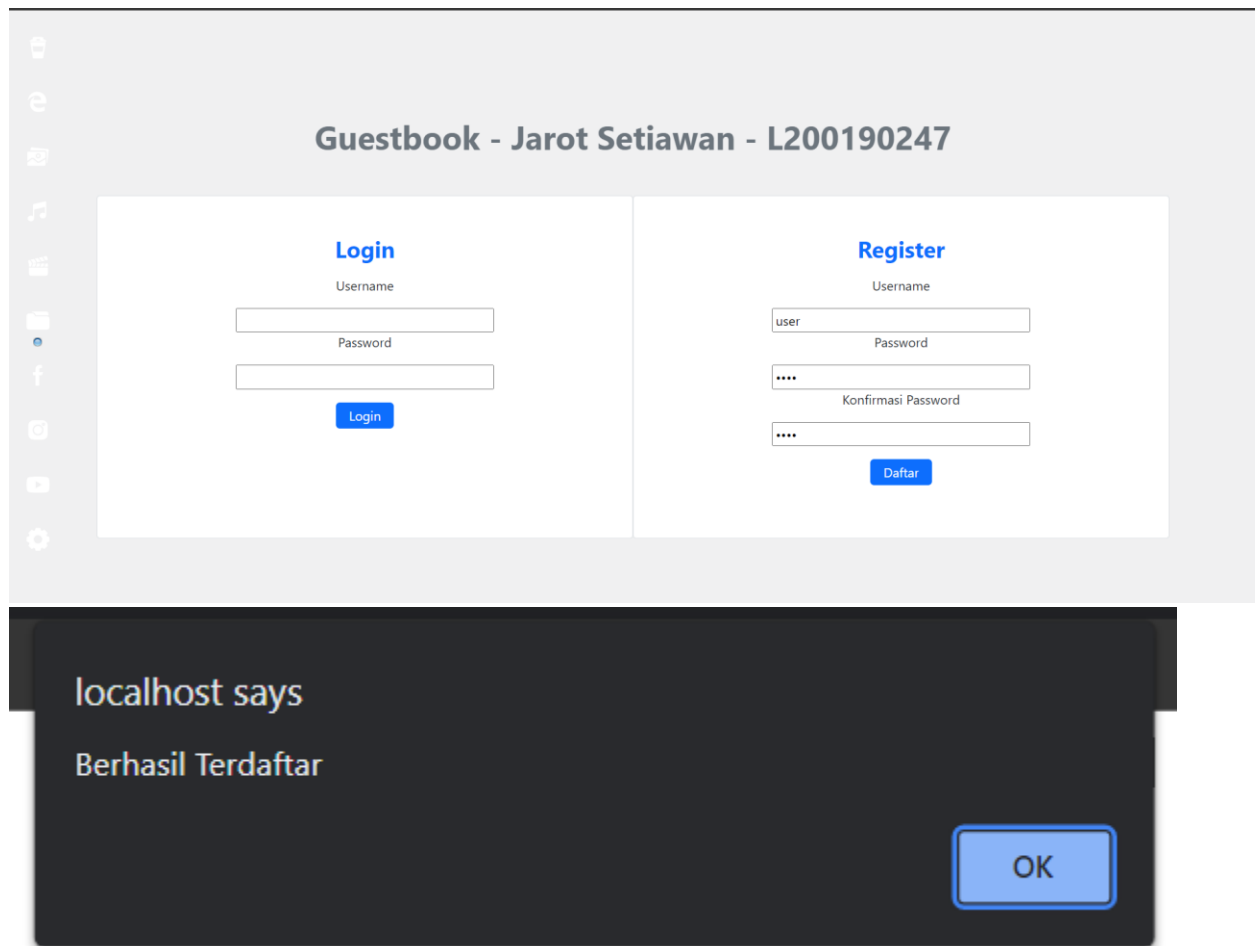
```
    }
```
- **Pindah edit**

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

Implementasi

a. **Sign Up**

Guestbook - Jarot Setiawan - L200190247

localhost says
Berhasil Terdaftar

b. **Login > beranda**
   a. **user**

Guestbook - Jarot Setiawan - L200190247

Login

Username

user

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

admin

Password

•••••

Login

Register

Username

Password

Konfirmasi Password

Daftar

Guestbook Post

Log Out

Author / Post	Tanggal

c. **Form Guestbook > input > view**
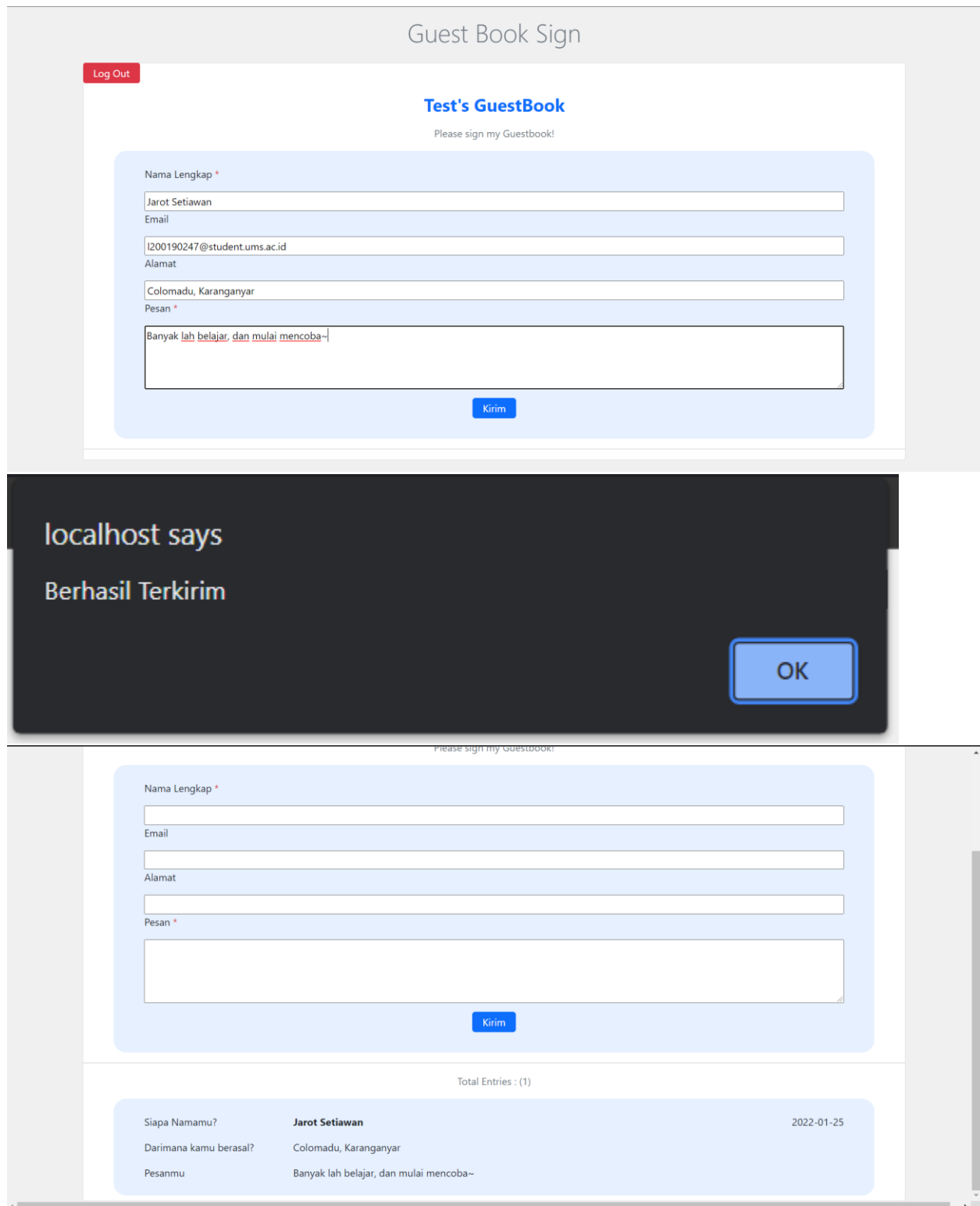
d. Halaman admin menampilkan hasil

Guestbook Post

Log Out		
Author / Post	**Tanggal**	
Jarot Setiawan L200190247@student.ums.ac.id Banyak lah belajar, dan mulai mencoba~	2022-01-25	Edit Hapus

-   **Edit**

Guest Book Edit

Nama Lengkap *

jarotstwn

Email

jarotsetiawan1001@gmail.com

Alamat

Deket Kampus

Pesan *

Jangan lupa makan :)

Edit

- **Delete guestbook**

localhost says

Berhasil Terhapus

OK

Guestbook Post

Log Out

Author / Post	Tanggal

e. **Log ut**

Guestbook Post

Log Out

Author / Post	Tanggal

Guestbook - Jarot Setiawan - L200190247

Login

Username

Password

Login

Register

Username

Password

Konfirmasi Password

Daftar

f. **Tampilan**
- **Admin**

Guestbook Post

Log Out

Author / Post	Tanggal	
Jarot Setiawan l200190247@student.ums.ac.id	2022-01-25	Edit Hapus

- **User**

Guest Book Sign

Test's GuestBook

Please sign my Guestbook!

Nama Lengkap *

Email

Alamat

Pesan *

Kirim