TUGAS 6 & 7

PEMROGRAMAN BERORIENTASI OBJEK

Dosen Pengampu :
Aidil Saputra Kirsan , S.ST., M.Tr.Kom

Asisten Dosen :

Muhammad Rifaldi   10201065

Disusun Oleh :

Andi Mira Detavia   10221023

JURUSAN MATEMATIKA DAN TEKNOLOGI INFORMASI
PROGRAM STUDI SISTEM INFORMASI
INSTITUT TEKNOLOGI KALIMANTAN
2023
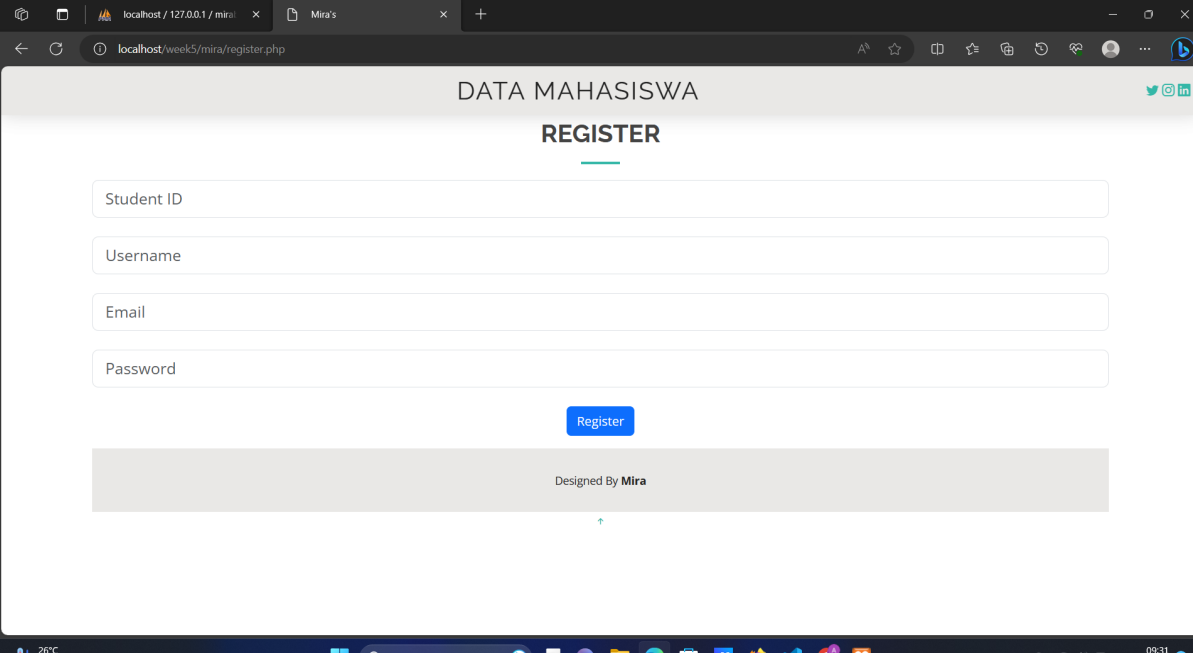
TUGAS 6 CRUD II

Nama   : Andi Mira Detavia

NIM   : 10221023

MK   : Pemrograman Berorientasi Objek – A

o *Hasil*

DATA MIRA

ABOUT MIRA

Dikenal dengan nama 'Mira', salah satu mahasiswi aktif Institut Teknologi Kalimantan dari Program Studi Sistem Informasi angkatan 2022. Saya memiliki kepribadian yang sangat menyukai hal-hal unik, seni ataupun baru. Saya creative, responsive dan perfectionist dalam suatu hal.

Nama : Andi Mira Detavia

Tempat, Tanggal Lahir : Balikpapan, 25 Oktober 2003

Alamat : Jalan Projakal, Gang Swadaya RT.55 No. 118

Phone : +62 815-2438-8167

Email Pribadi : Andimira213@gmail.com

DATA MAHASISWA

DATA MIRA

Email Pribadi : Andimira213@gmail.com

DATA MAHASISWA

Username

Password

Login Register

Designed By **Mira**

Welcome, 1

Student ID	Username	Email	Action
0			Edit Hapus
3102291	TEST	03221091@student.itk.ac.id	Edit Hapus
9876543	1	test@gmail.com	Edit Hapus
10221023	Andi Mira	10221023@student.itk.ac.id	Edit Hapus
12345678	test	test@mail.com	Edit Hapus

Log Out

Edit User

Username:

Email:

Simpan Perubahan

Kembali ke Dashboard

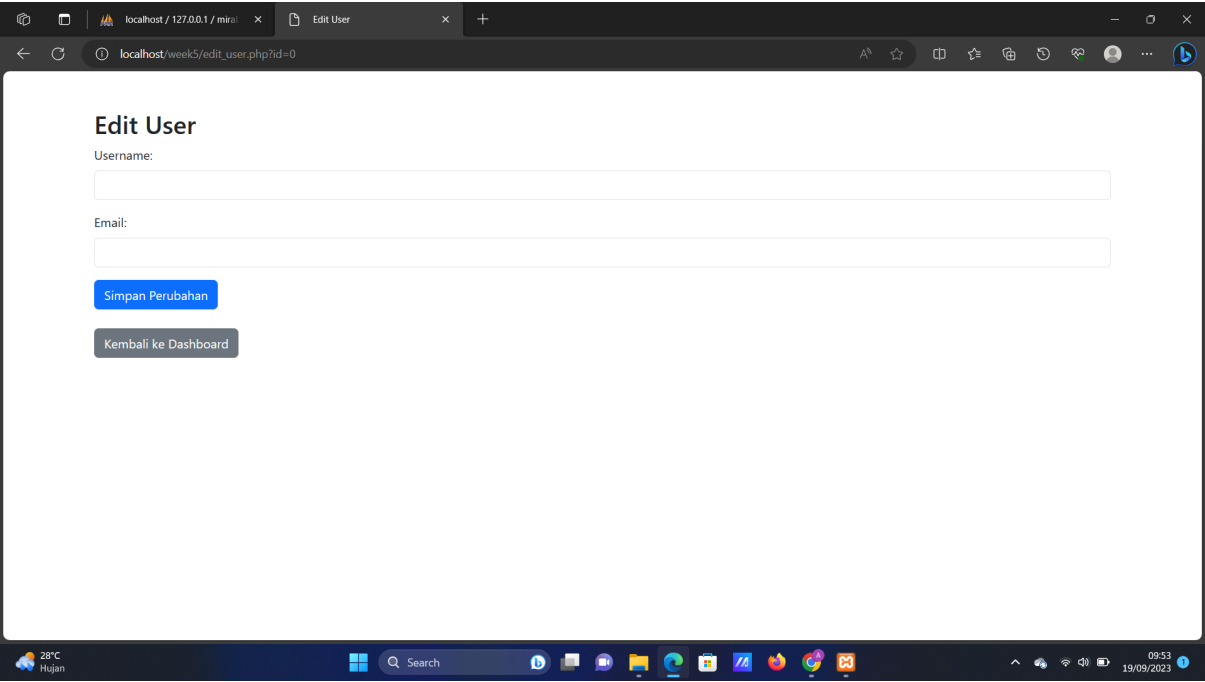o *Source Code*

register.php

```
<!DOCTYPE html>
<html lang="en">

<head>
  <title>Mira's</title>

  <!-- Google Fonts -->
  <link
href="https://fonts.googleapis.com/css?family=Open+Sans:300,300i,400,400i,
600,600i,700,700i|Raleway:300,300i,400,400i,500,500i,600,600i,700,700i|Pop
pins:300,300i,400,400i,500,500i,600,600i,700,700i" rel="stylesheet">

  <!-- Vendor CSS Files -->
  <link href="assets/vendor/aos/aos.css" rel="stylesheet">
  <link href="assets/vendor/bootstrap/css/bootstrap.min.css"
rel="stylesheet">
  <link href="assets/vendor/bootstrap-icons/bootstrap-icons.css"
rel="stylesheet">

  <!-- Template Main CSS File -->
  <link href="assets/css/style.css" rel="stylesheet">
</head>

<body>
  <header id='header' class='fixed-top'>
    <div class='container-fluid d-flex justify-content-between
align-items-center'>
      <h1 class='logo me-auto me-lg-1'><a >DATA MAHASISWA</a></h1>
      <div class='header-social-links'>
        <a href='https://www.twitter.com/in/@rapyunzet' class='twitter'><i
class='bi bi-twitter'></i></a>
```

```html
        <a href='https://instagram.com/andimrbel?igshid=MjEwN2IyYWYwYw=='
class='instagram'><i class='bi bi-instagram'></i></a>
        <a href='https://www.linkedin.com/in/andi-mira-detavia-0b9a30236'
class='linkedin'><i class='bi bi-linkedin'></i></i></a>
      </div>
    </div>
  </header>


      <!-- ======= DATA ======= -->
      <div class='section-title'>
          <h2>Register</h2>
          <p class='fst-italic'></p>
          <div class='container' data-aos='fade-up'>
          <form action="../create_user.php" method="post">
          <input name="nim" class="form-control form-control-lg"
type="number" placeholder="Student ID" aria-label=".form-control-lg
example"><br>
            <input name="username" class="form-control form-control-lg"
type="text" placeholder="Username" aria-label=".form-control-lg
example"><br>
            <input name="email" class="form-control form-control-lg"
type="email" placeholder="Email" aria-label=".form-control-lg
example"><br>
            <input name="password" class="form-control form-control-lg"
type="password" placeholder="Password" aria-label=".form-control-lg
example"><br>
            <div class="col-auto">
                <button type="submit" name="register" value="Register"
class="btn btn-primary mb-3">Register <a href='register.php'></button>
          </div>
        </section>

  <!-- ======= Header ======= -->
  <header id='header' class='fixed-top'>
    <div class='container-fluid d-flex justify-content-between
align-items-center'>
      <h1 class='logo me-auto me-lg-0'><a >DATA MAHASISWA</a></h1>
      <div class='header-social-links'>
        <a href='https://www.twitter.com/in/@rapyunzet' class='twitter'><i
class='bi bi-twitter'></i></a>
        <a href='https://instagram.com/andimrbel?igshid=MjEwN2IyYWYwYw=='
class='instagram'><i class='bi bi-instagram'></i></a>
        <a href='https://www.linkedin.com/in/andi-mira-detavia-0b9a30236'
class='linkedin'><i class='bi bi-linkedin'></i></i></a>
      </div>
    </div>
  </header>

<!-- ======= Footer ======= -->
  <footer id='footer'>
      Designed By <strong><span>Mira</span></strong>
  </footer>
  <!-- End  Footer -->

  <div id='preloader'></div>
  <a href='#' class='back-to-top d-flex align-items-center
justify-content-center'><i class='bi bi-arrow-up-short'></i></a>

  <!-- Vendor JS Files -->
  <script src='assets/vendor/aos/aos.js'></script>
  <script src='assets/vendor/glightbox/js/glightbox.min.js'></script>
```
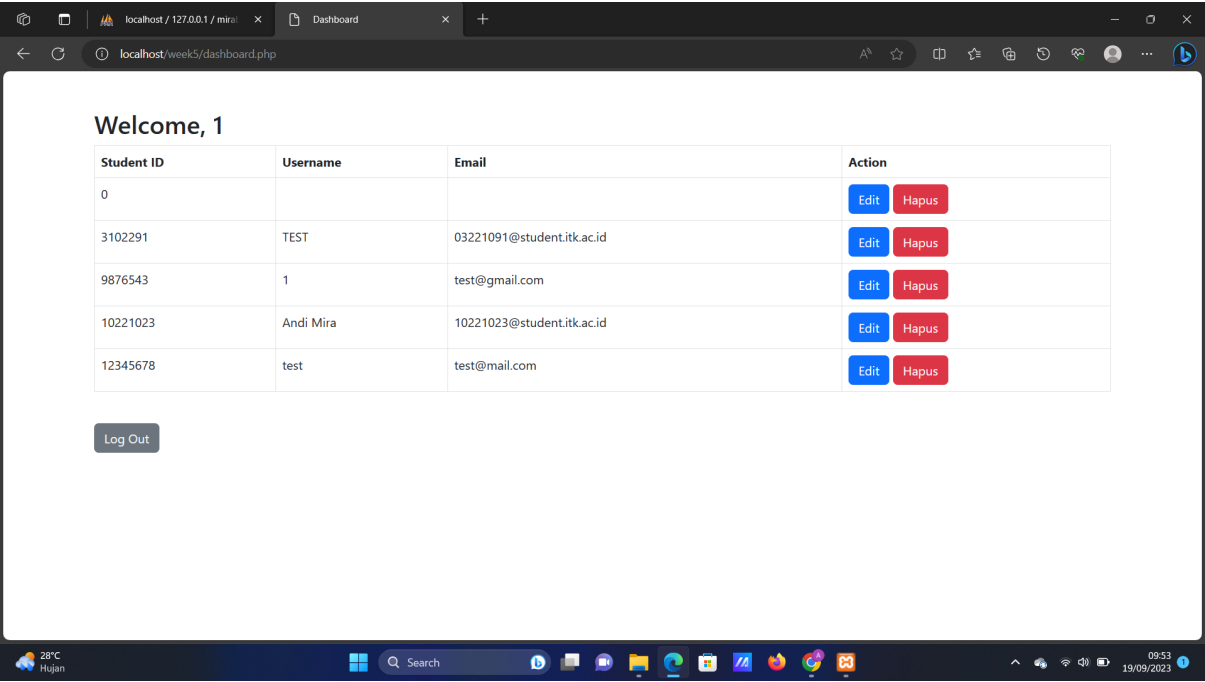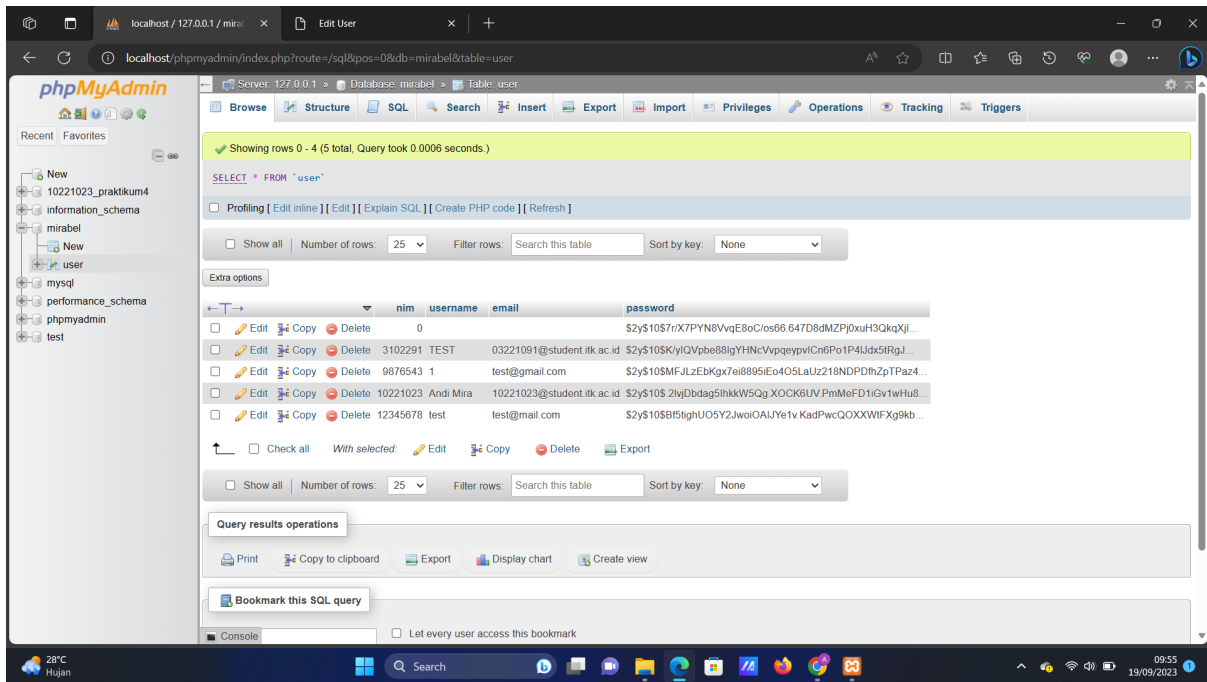
```
  <script src='assets/vendor/swiper/swiper-bundle.min.js'></script>

  <!-- Template Main JS File -->
  <script src='assets/js/main.js'></script>

</body>

</html>
```

---

index.php

```php
<?php
$data = include'Data.php';
?>
<!DOCTYPE html>
<html lang="en">

<head>
  <title>Mira's</title>

  <!-- Google Fonts -->
  <link
href="https://fonts.googleapis.com/css?family=Open+Sans:300,300i,400,400i,
600,600i,700,700i|Raleway:300,300i,400,400i,500,500i,600,600i,700,700i|Pop
pins:300,300i,400,400i,500,500i,600,600i,700,700i" rel="stylesheet">

  <!-- Vendor CSS Files -->
  <link href="assets/vendor/aos/aos.css" rel="stylesheet">
  <link href="assets/vendor/bootstrap/css/bootstrap.min.css"
rel="stylesheet">
  <link href="assets/vendor/bootstrap-icons/bootstrap-icons.css"
rel="stylesheet">

  <!-- Template Main CSS File -->
  <link href="assets/css/style.css" rel="stylesheet">
</head>

<body>
  <header id='header' class='fixed-top'>
    <div class='container-fluid d-flex justify-content-between
align-items-center'>
      <h1 class='logo me-auto me-lg-1'><a >DATA MIRA</a></h1>
      <div class='header-social-links'>
        <a href='https://www.twitter.com/in/@rapyunzet' class='twitter'><i
class='bi bi-twitter'></i></a>
        <a href='https://instagram.com/andimrbel?igshid=MjEwN2IyYWYwYw=='
class='instagram'><i class='bi bi-instagram'></i></a>
        <a href='https://www.linkedin.com/in/andi-mira-detavia-0b9a30236'
class='linkedin'><i class='bi bi-linkedin'></i></i></a>
      </div>
    </div>
  </header>

    <!-- ======= About Section ======= -->
    <section id='about' class='about'>
      <div class='container' data-aos='fade-up'>
        <div class='section-title'>
          <h2>About Mira</h2>
          <p class='fst-italic'>
            <?php echo $data['tentang']?>
```

```html
        </p>
      </div>
      <div class='row'>
        <div class='col-lg-2'>
          <img src='profile.jpg' class='profile-img' style=''>
        </div>
        <div class='col-lg-8 pt-4 pt-lg-0 content'>
              <ul>
                <li><i class='Times Newt'></i> <strong>Nama :</strong>
<?php echo $data['nama']?></li>
                <li><i class='bi bi-rounded-right'></i> <strong>Tempat,
Tanggal Lahir :</strong><?php echo $data['ttl']?></li>
                <li><i class='bi bi-rounded-right'></i> <strong>Alamat
:</strong><?php echo $data['alamat']?></li>
                <li><i class='bi bi-rounded-right'></i> <strong>Phone
:</strong><?php echo $data['phone']?></li>
                <li><i class='bi bi-rounded-right'></i> <strong>Email
Pribadi :</strong> <?php echo $data['email']?></li>
              </ul>
            </div>
      </div>
    </section>
    <!-- End About Section -->

    <!-- ======= DATA ======= -->
    <section>
    <div class='section-title'>
        <h2>DATA MAHASISWA</h2>
        <p class='fst-italic'></p>
        <div class='container' data-aos='fade-up'>
        <form action="../login.php" method="post">
          <input name="username" class="form-control form-control-lg"
type="text" placeholder="Username" aria-label=".form-control-lg
example"><br>
          <input name="password" class="form-control form-control-lg"
type="password" placeholder="Password" aria-label=".form-control-lg
example"><br>
          <div class="col-auto">
              <button type="submit" name="login" value="Login"
class="btn btn-primary mb-3">Login <a href='login.php'></button>
              <a href="register.php" class="btn btn-primary
mb-3">Register </a>
          </div>
        </form>
    </div>
    </section>

  <!-- ======= Header ======= -->
  <header id='header' class='fixed-top'>
    <div class='container-fluid d-flex justify-content-between
align-items-center'>
      <h1 class='logo me-auto me-lg-0'><a >DATA MIRA</a></h1>
      <div class='header-social-links'>
        <a href='https://www.twitter.com/in/@rapyunzet' class='twitter'><i
class='bi bi-twitter'></i></a>
        <a href='https://instagram.com/andimrbel?igshid=MjEwN2IyYWYwYw=='
class='instagram'><i class='bi bi-instagram'></i></a>
        <a href='https://www.linkedin.com/in/andi-mira-detavia-0b9a30236'
class='linkedin'><i class='bi bi-linkedin'></i></i></a>
      </div>
    </div>
```

```
    </header>

<!-- ======= Footer ======= -->
  <footer id='footer'>
        Designed By <strong><span>Mira</span></strong>
  </footer>
  <!-- End  Footer -->

  <div id='preloader'></div>
  <a href='#' class='back-to-top d-flex align-items-center
justify-content-center'><i class='bi bi-arrow-up-short'></i></a>

  <!-- Vendor JS Files -->
  <script src='assets/vendor/aos/aos.js'></script>
  <script src='assets/vendor/glightbox/js/glightbox.min.js'></script>
  <script src='assets/vendor/swiper/swiper-bundle.min.js'></script>

  <!-- Template Main JS File -->
  <script src='assets/js/main.js'></script>

</body>
</html>
```

data.php

```
<?php
    $tentang = "Dikenal dengan nama 'Mira', salah satu mahasiswi aktif
Institut Teknologi Kalimantan dari Program Studi Sistem Informasi angkatan
2022. Saya memiliki kepribadian yang sangat menyukai hal-hal unik, seni
ataupun baru. Saya creative, responsive dan perfectionist dalam suatu
hal.";
    $nama = "Andi Mira Detavia";
    $ttl = "Balikpapan, 25 Oktober 2003";
    $alamat = "Jalan Projakal, Gang Swadaya RT.55 No. 118";
    $phone = "+62 815-2438-8167";
    $email = "Andimira213@gmail.com";
    return[
        'tentang' => $tentang,
        'nama' => $nama,
        'ttl' => $ttl,
        'alamat' => $alamat,
        'phone' => $phone,
        'email' => $email,
    ]
?>
```

dashboard.php

```
<?php
session_start();
require_once('config.php'); // Include your database connection script
here.

if (isset($_SESSION['username'])) {
    // Retrieve all user data from the database
    $sql = "SELECT * FROM user";
    $result = mysqli_query($mysqli, $sql);

    if ($result && mysqli num rows($result) > 0) {
```

```php
        // Store all user data in an array
        $userArray = [];
        while ($row = mysqli_fetch_assoc($result)) {
            $userArray[] = $row;
        }
    } else {
        echo 'No user data found.';
    }
} else {
    // Redirect to the login page if the user is not logged in
    header('Location: index.php');
    exit();
}
?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Dashboard</title>
    <!-- Include Bootstrap CSS -->
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/css/bootstr
ap.min.css" rel="stylesheet">
    <style>
        /* Your custom styles here */
    </style>

</head>
<body>
    <div class="container mt-5">
        <h2>Welcome, <?php echo $_SESSION['username']; ?></h2>

        <table class="table table-bordered">
            <thead>
                <tr>
                    <th>Student ID</th>
                    <th>Username</th>
                    <th>Email</th>
                    <th>Action</th>
                </tr>
            </thead>
            <tbody>
                <?php foreach ($userArray as $user): ?>
                    <tr>
                        <td><?php echo $user['nim']; ?></td>
                        <td><?php echo $user['username']; ?></td>
                        <td><?php echo $user['email']; ?></td>
                        <td>
                            <a class="btn btn-primary"
href="edit_user.php?id=<?php echo $user['nim']; ?>">Edit</a>
                            <a class="btn btn-danger"
href="delete_user.php?id=<?php echo $user['nim']; ?>">Hapus</a>
                        </td>
                    </tr>
                <?php endforeach; ?>
            </tbody>
        </table>
        <br>
        <a href="logout.php" class="btn btn-secondary">Log Out</a>
```

```
    </div>

    <!-- Include Bootstrap JS (optional) -->
    <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/js/bootstrap
.min.js"></script>
</body>
</html>
```

dashbboard.php

```php
<?php
session_start();

if (!isset($_SESSION['username'])) {
    header('Location: index.php');
    exit();
}

?>


<!DOCTYPE html>
<html>
<head>
    <title>Dashboard</title>
</head>
<body>
    <h2>Welcome, <?php echo $_SESSION['username']; ?></h2>

    <a href="logout.php">
        <input type="button" value="Log Out">
    </a>
</body>
</html>
```

config.php

```php
<?php
session_start();

if (!isset($_SESSION['username'])) {
    header('Location: index.php');
    exit();
}
?>

<!DOCTYPE html>
<html>
<head>
    <title>Dashboard</title>
</head>
<body>
    <h2>Welcome, <?php echo $_SESSION['username']; ?></h2>

    <a href="logout.php">
        <input type="button" value="Log Out">
    </a>
</body>
</html>
```

create_user.php

```php
<?php
    require_once('config.php');

    $nim = $_POST["nim"];
    $username = $_POST["username"];
    $email = $_POST["email"];
    $password = $_POST["password"];

    $hashed_password = password_hash($password, PASSWORD_DEFAULT);

    $sql = "INSERT INTO user (nim, username, email, password) VALUES
('$nim', '$username', '$email', '$hashed_password')";

    if (mysqli_query ($mysqli, $sql)) {
        echo "Registration successful!";
        echo "<script>window.location.href =
'/week5/mira/index.php';</script>";
    } else {
        echo "Error; " . $sql . "<br>" . mysqli_error($mysqli);
    }

    mysqli_close($mysqli);
?>
```

createtable.php

```php
<?php

    require_once('config.php');

    $sql = "CREATE TABLE IF NOT EXISTS user (
        nim INT(8) PRIMARY KEY,
        username VARCHAR(255) NOT NULL,
        email VARCHAR(255) NOT NULL,
        password VARCHAR(255) NOT NULL

        )";

        if (mysqli_query($mysqli, $sql)) {
            echo "<br /> Tabel berhasil dibuat.";
        } else {
            echo "Error: " . mysqli_error($mysqli);
        }
?>
```

delete_user.php

```php
<?php
session_start();
require_once('config.php');
```

```php
if (!isset($_SESSION['username'])) {
    header('Location: index.php');
    exit();
}

if (isset($_GET['nim'])) {
    $userId = $_GET['nim'];

    // Query untuk menghapus data pengguna berdasarkan ID
    $sql = "DELETE FROM user WHERE id = ?";
    $stmt = $mysqli->prepare($sql);

    if ($stmt === false) {
        die("Error dalam persiapan statement: " . $mysqli->error);
    }

    // Bind parameter
    $stmt->bind_param("i", $userId);

    // Eksekusi statement SQL
    if ($stmt->execute()) {
        header('Location: dashboard.php');
        exit();
    } else {
        echo "Gagal menghapus data pengguna: " . $stmt->error;
    }

    $stmt->close();
} else {
    echo "ID user tidak diberikan.";
}
?>
```

edit_user.php

```php
<?php
session_start();
require_once('config.php');

if (!isset($_SESSION['username'])) {
    header('Location: index.php');
    exit();
}

if (isset($_GET['id'])) {
    $userId = $_GET['id'];

    // Query untuk mengambil data pengguna berdasarkan ID
    $sql = "SELECT * FROM user WHERE nim = ?";
    $stmt = $mysqli->prepare($sql);

    if ($stmt === false) {
        die("Error dalam persiapan statement: " . $mysqli->error);
    }

    // Bind parameter
    $stmt->bind_param("i", $userId);
```

```php
    // Eksekusi statement SQL
    if ($stmt->execute()) {
        $result = $stmt->get_result();
        if ($result->num_rows === 1) {
            $userData = $result->fetch_assoc();

            // Form untuk mengedit data pengguna
            ?>
            <!DOCTYPE html>
            <html lang="en">
            <head>
                <meta charset="UTF-8">
                <meta name="viewport" content="width=device-width,
initial-scale=1.0">
                <title>Edit User</title>
                <!-- Include Bootstrap CSS -->
                <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/css/bootstra
p.min.css" rel="stylesheet">
            </head>
            <body>
                <div class="container mt-5">
                    <h2>Edit User</h2>
                    <form method="post" action="update_user.php">
                        <input type="hidden" name="id" value="<?php echo
$userData['nim']; ?>">
                        <div class="mb-3">
                            <label for="username"
class="form-label">Username:</label>
                            <input type="text" name="username"
class="form-control" value="<?php echo $userData['username']; ?>" required>
                        </div>
                        <div class="mb-3">
                            <label for="email"
class="form-label">Email:</label>
                            <input type="email" name="email"
class="form-control" value="<?php echo $userData['email']; ?>" required>
                        </div>
                        <button type="submit" class="btn
btn-primary">Simpan Perubahan</button>
                    </form>
                    <br>
                    <a href="dashboard.php" class="btn
btn-secondary">Kembali ke Dashboard</a>
                </div>
                <!-- Include Bootstrap JS (optional) -->
                <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/js/bootstrap.
min.js"></script>
            </body>
            </html>
            <?php
        } else {
            echo "User tidak ditemukan.";
        }
    } else {
        echo "Gagal mengambil data user: " . $stmt->error;
    }

    $stmt->close();
```

```
} else {
    echo "ID user tidak diberikan.";
}
?>
```

---

index.php

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Login Register</title>
</head>

<body>
    <form action="login.php" method="POST">
        <label for="username">Username:</label>
        <input type="text" id="username" name="username" required><br><br>
        <label for="password">Password:</label>
        <input type="password" id="password" name="password"
required><br><br>
        <input type="submit" value="Login">
        <a href="register.php">
            <input type="button" value="Register">
        </a>
    </form>
</body>

</html>
```

---

login.php

```php
<?php
session_start();
require_once('config.php');

if ($_SERVER['REQUEST_METHOD'] === 'POST') {
    $username = $_POST['username'];
    $password = $_POST['password'];

    $stmt = $mysqli->prepare("SELECT nim, username, password FROM user
WHERE username = ?");
    $stmt->bind_param("s", $username);
    $stmt->execute();
    $result = $stmt->get_result();

    if ($result->num_rows == 1) {
        $row = $result->fetch_assoc();
        $hashedPassword = $row['password'];

        if (password_verify($password, $hashedPassword)) {
            $_SESSION['username'] = $username;

            header('Location: dashboard.php');
```

```
            exit();
        } else {
            echo 'Invalid username or password';
        }
    } else {
        echo 'Invalid username or password';
    }

    $stmt->close();
}
?>
```

---

logout.php

```php
<?php
session_start();

// Unset all session variables
session_unset();

// Destroy the session
session_destroy();

// Redirect to the login page
header('Location: mira/index.php');
exit();
?>
```

---

update_user.php

```php
<?php
session_start();
require_once('config.php');

if (!isset($_SESSION['username'])) {
    header('Location: index.php');
    exit();
}

if ($_SERVER['REQUEST_METHOD'] == 'POST') {
    // Mendapatkan data dari formulir
    $userId = $_POST['nim'];
    $newUsername = $_POST['username'];
    $newEmail = $_POST['email'];

    // Query untuk mengupdate data pengguna
    $sql = "UPDATE user SET username = ?, email = ? WHERE id = ?";
    $stmt = $mysqli->prepare($sql);

    if ($stmt === false) {
        die("Error dalam persiapan statement: " . $mysqli->error);
    }

    // Bind parameter
    $stmt->bind_param("ssi", $newUsername, $newEmail, $userId);
```

```
    // Eksekusi statement SQL
    if ($stmt->execute()) {
        header('Location: dashboard.php');
        exit();
    } else {
        echo "Gagal mengupdate data pengguna: " . $stmt->error;
    }

    $stmt->close();
} else {
    echo "Permintaan tidak valid.";
}
?>
```
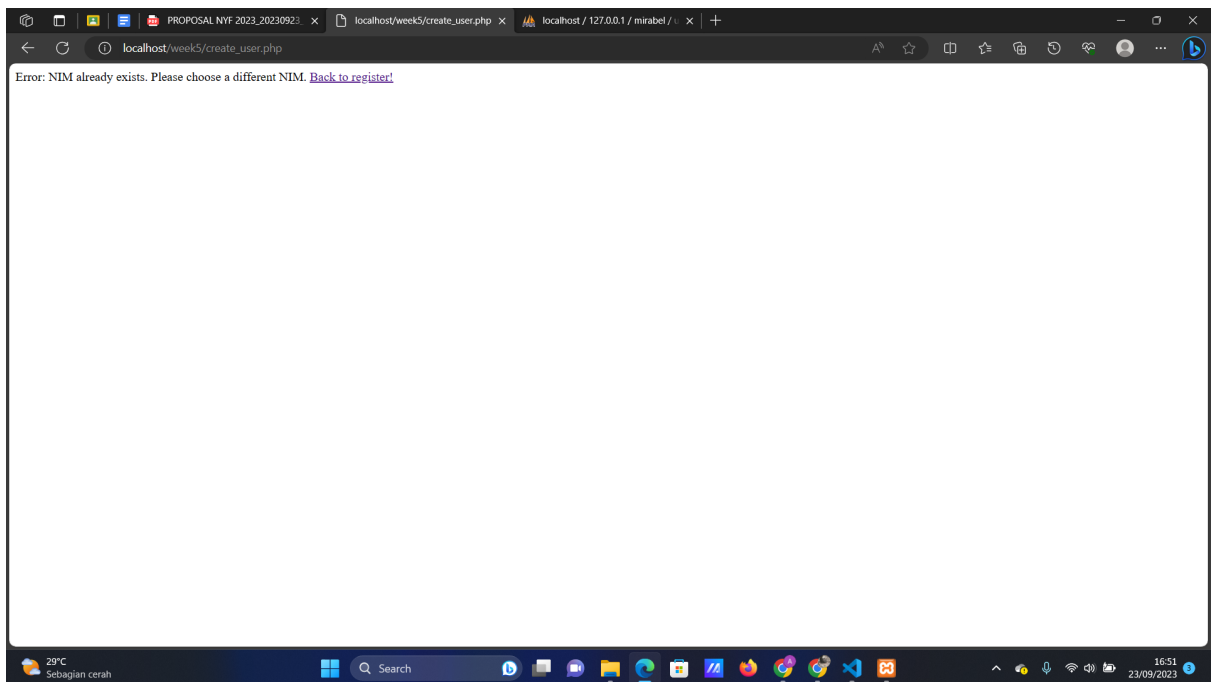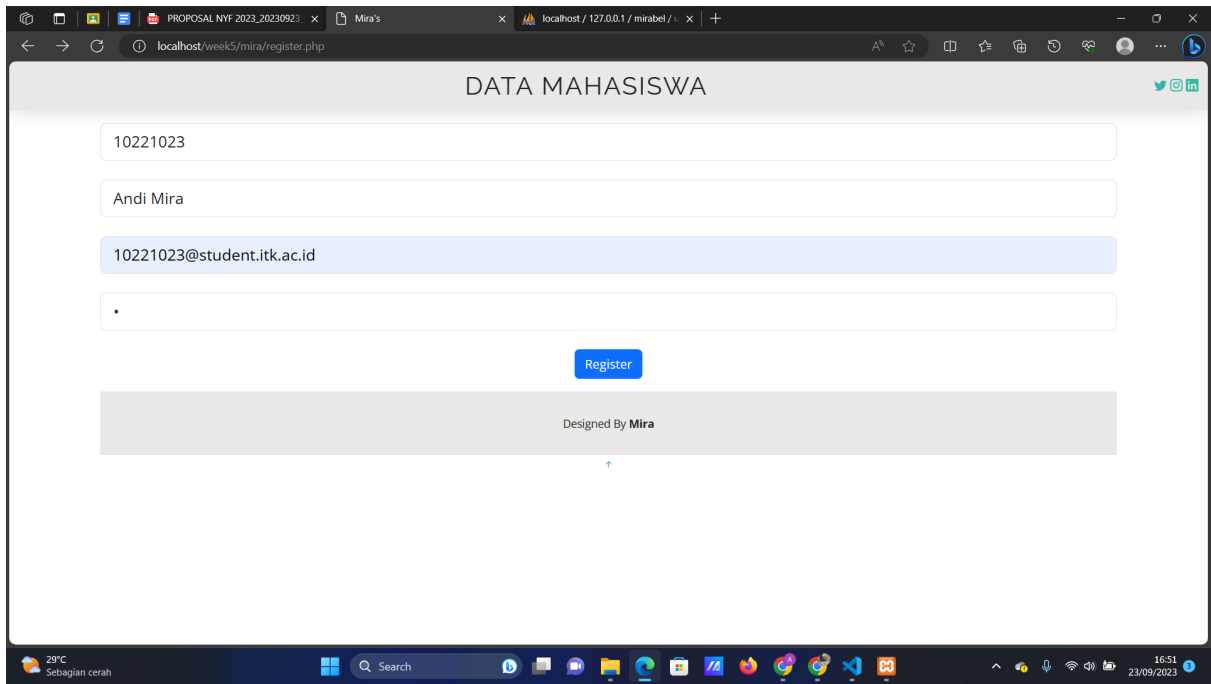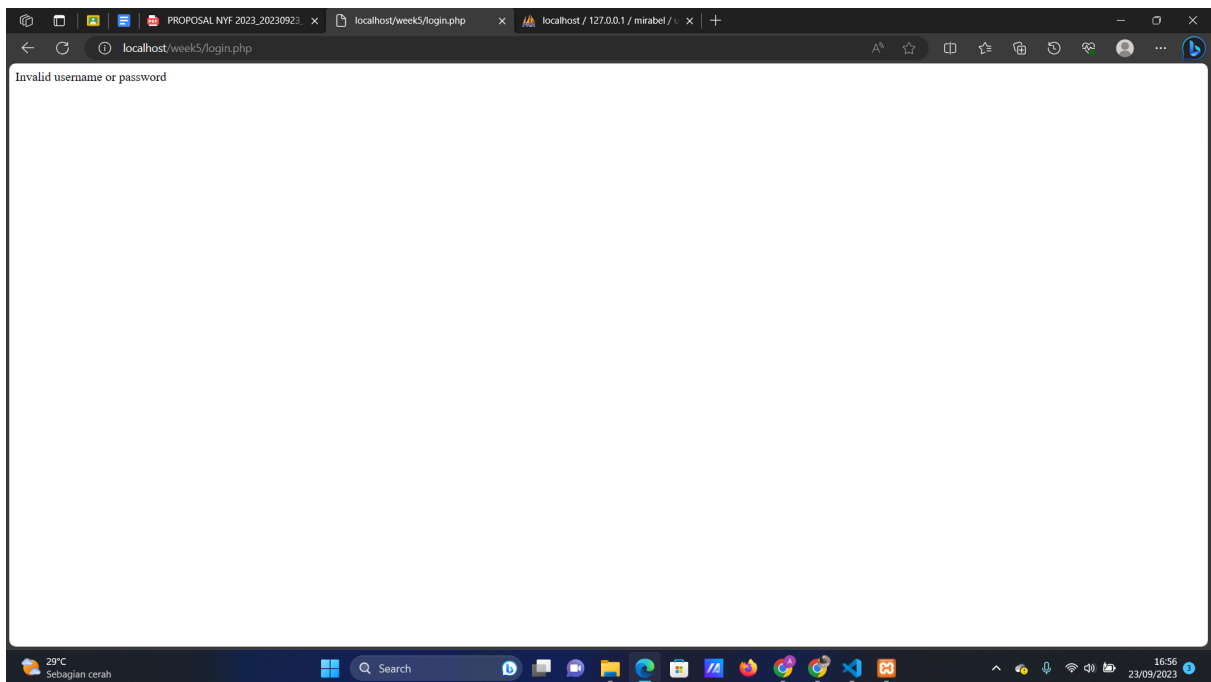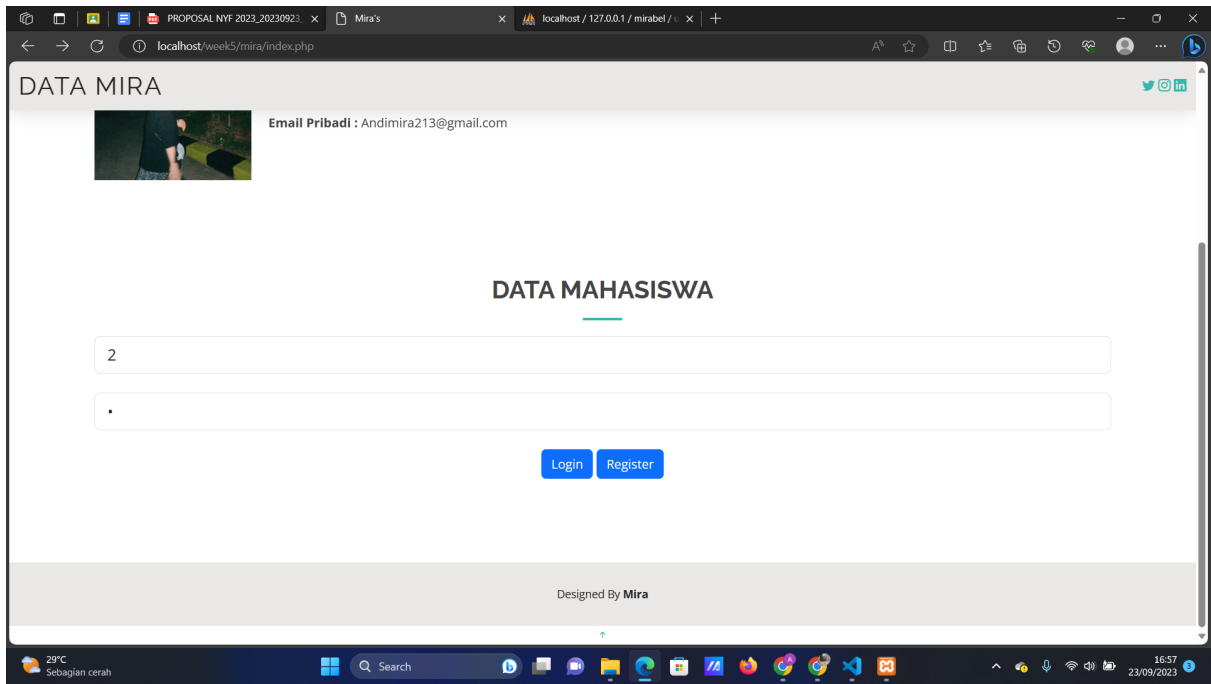
TUGAS 7 CRUD III

o *Hasil*

DATA MAHASISWA

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Register

Designed By **Mira**

↑

Error: NIM already exists. Please choose a different NIM. Back to register!

o *Source Code*

create_user.php

```php
<?php
    require_once('config.php');

    $nim = $_POST["nim"];
    $username = $_POST["username"];
```

```php
    $email = $_POST["email"];
    $password = $_POST["password"];
    $check_nim_query = "SELECT * FROM user WHERE nim = '$nim'";
    $check_nim_result = mysqli_query($mysqli, $check_nim_query);
    $check_username_query = "SELECT * FROM user WHERE username =
'$username'";
    $check_username_result = mysqli_query($mysqli, $check_username_query);
    $check_email_query = "SELECT * FROM user WHERE email = '$email'";
    $check_email_result = mysqli_query($mysqli, $check_email_query);
    if (mysqli_num_rows($check_nim_result) > 0) {
        echo "Error: NIM already exists. Please choose a different NIM. <a
href='/week5/mira/register.php'>Back to register!</a>";
    } elseif (mysqli_num_rows($check_username_result) > 0) {
    echo "Error: Username already exists. Please choose a different
username. <a href='/week5/mira/register.php'>Back to register!</a>";
    } elseif (mysqli_num_rows($check_email_result) > 0) {
    echo "Error: Email already exists. Please choose a different email. <a
href='/week5/mira/register.php'>Back to register!</a>";
    } else {
    $hashed_password = password_hash($password, PASSWORD_DEFAULT);

    $sql = "INSERT INTO user (nim, username, email, password) VALUES
('$nim', '$username', '$email', '$hashed_password')";

    if (mysqli_query ($mysqli, $sql)) {
        echo "Registration successful!: <a
href='/week5/mira/index.php'>Back to login!</a>";
        echo "<script>window.location.href =
'/week5/mira/index.php';</script>";
    } else {
        echo "Error; " . $sql . "<br>" . mysqli_error($mysqli);
    }
    }
```

dashboard.php

```php
<?php
session_start();
require_once('config.php'); // Include your database connection script
here.

if (isset($_SESSION['username'])) {
    // Retrieve all user data from the database
    $sql = "SELECT * FROM user";
    $result = mysqli_query($mysqli, $sql);

    if ($result && mysqli_num_rows($result) > 0) {
        // Store all user data in an array
        $userArray = [];
        while ($row = mysqli_fetch_assoc($result)) {
            $userArray[] = $row;
        }
    } else {
        $userArray = []; // Set an empty array if no user data found
        echo 'No user data found.';
    }
} else {
    // Redirect to the login page if the user is not logged in
```

```php
    header('Location: index.php');
    exit();
}
?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Dashboard</title>
    <!-- Include Bootstrap CSS -->
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/css/bootstrap.min.css" rel="stylesheet">
    <style>
        /* Your custom styles here */
    </style>
</head>
<body>
    <div class="container mt-5">
        <h2>Welcome, <?php echo $_SESSION['username']; ?></h2>

        <table class="table table-bordered">
            <thead>
                <tr>
                    <th>Student ID</th>
                    <th>Username</th>
                    <th>Email</th>
                    <th>Action</th>
                </tr>
            </thead>
            <tbody>
                <?php // Check if $userArray is an array before using
foreach
                if (is_array($userArray)) {
                foreach ($userArray as $user):
                ?>
                    <tr>
                        <td><?php echo $user['nim']; ?></td>
                        <td><?php echo $user['username']; ?></td>
                        <td><?php echo $user['email']; ?></td>
                        <td>
                            <a class="btn btn-primary"
href="edit_user.php?id=<?php echo $user['nim']; ?>">Edit</a>
                            <a class="btn btn-danger"
href="delete_user.php?id=<?php echo $user['nim']; ?>">Hapus</a>
                        </td>
                    </tr>
                <?php endforeach; }?>
            </tbody>
        </table>
        <br>
        <a href="logout.php" class="btn btn-secondary">Log Out</a>
    </div>

    <!-- Include Bootstrap JS (optional) -->
    <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/js/bootstrap.min.js"></script>
```

```
</body>
</html>

<?php
```

---

update_user.php

```php
<?php
session_start();
require_once('config.php');

if (!isset($_SESSION['username'])) {
    header('Location: index.php');
    exit();
}

if ($_SERVER['REQUEST_METHOD'] == 'POST') {
    // Mendapatkan data dari formulir
    $userId = $_POST['nim'];
    $newUsername = $_POST['username'];
    $newEmail = $_POST['email'];


    // Query untuk memeriksa ketersediaan username dan email
    $checkUsernameQuery = "SELECT nim FROM user WHERE username = ? AND nim
<> ?";
    $checkUsernameStmt = $mysqli->prepare($checkUsernameQuery);

    if ($checkUsernameStmt === false) {
        die("Error dalam persiapan statement: " . $mysqli->error);
    }

    // Bind parameter untuk cek username
    $checkUsernameStmt->bind_param("si", $newUsername, $userId);

    // Eksekusi statement SQL untuk memeriksa ketersediaan username
    $checkUsernameStmt->execute();
    $checkUsernameStmt->store_result();

    // Cek apakah username sudah ada di database
    if ($checkUsernameStmt->num_rows > 0) {
    echo "Username '$newUsername' sudah ada dalam database. Silakan pilih
yang lain.";
    exit();
    }

    // Persiapkan ulang statement untuk memeriksa email
    $checkUsernameStmt->close();
    $checkEmailQuery = "SELECT nim FROM user WHERE email = ? AND nim <> ?";
    $checkEmailStmt = $mysqli->prepare($checkEmailQuery);

    if ($checkEmailStmt === false) {
        die("Error dalam persiapan statement: " . $mysqli->error);
        }

    // Bind parameter untuk cek email
     $checkEmailStmt->bind_param("si", $newEmail, $userId);
```

```php
    // Eksekusi statement SQL untuk memeriksa ketersediaan email
    $checkEmailStmt->execute();
    $checkEmailStmt->store_result();

    // Cek apakah email sudah ada di database
    if ($checkEmailStmt->num_rows > 0) {
    echo "Email '$newEmail' sudah ada dalam database. Silakan pilih yang
lain.";
    exit();
    }

    // Jika tidak ada kesalahan, lanjutkan dengan update data
    $checkEmailStmt->close();

    // Query untuk mengupdate data pengguna
    $updateQuery = "UPDATE user SET username = ?, email = ? WHERE nim = ?";
    $updateStmt = $mysqli->prepare($updateQuery);
    if ($updateStmt === false) {
    die("Error dalam persiapan statement: " . $mysqli->error);
    }

    // Bind parameter untuk update data
    $updateStmt->bind_param("ssi", $newUsername, $newEmail, $userId);

    // Eksekusi statement SQL untuk mengupdate data

    if ($updateStmt->execute()) {
        header('Location: dashboard.php');
        exit();
    } else {
        echo "Gagal mengupdate data pengguna: " . $updateStmt->error;
    }
    $updateStmt->close();
    } else {
        echo "Permintaan tidak valid.";
    }
    ?>
```