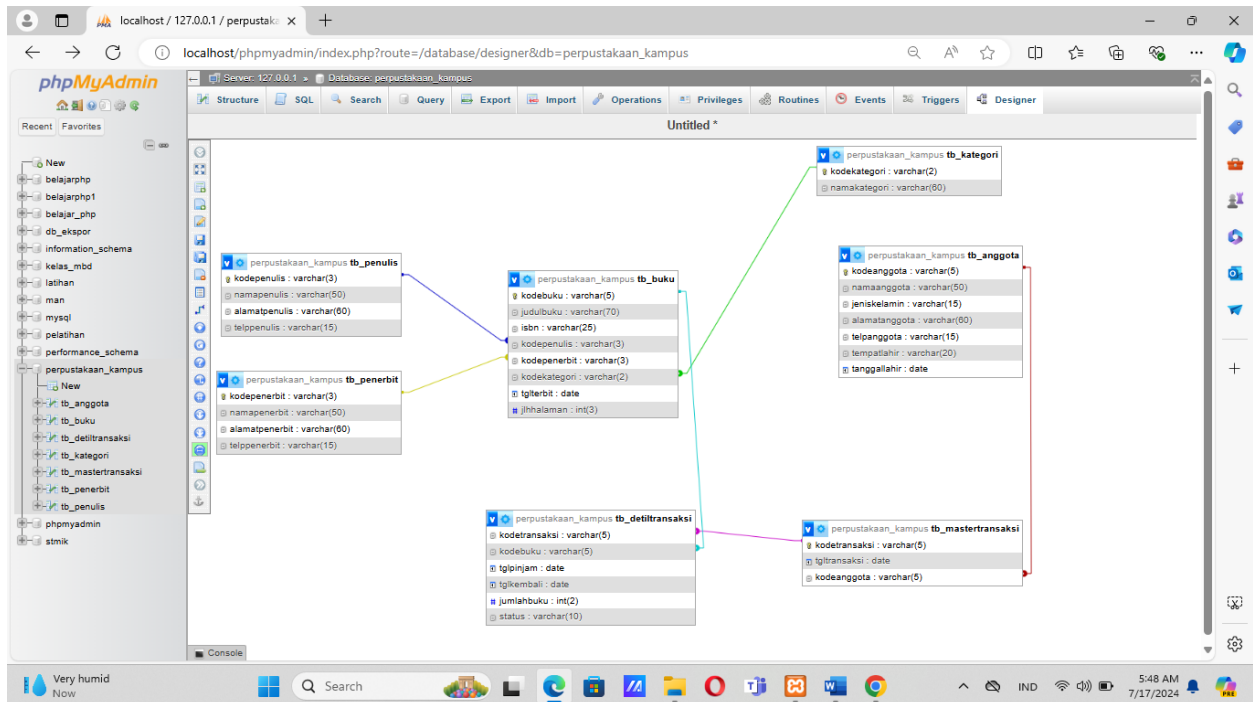Nama: Lisa Ria Fitriani

Nim: SI19220029

JAWABAN UAS

Relasi

Login

```php
<?php
// session_start();

// Include koneksi ke database
include('../koneksi.php');

// Fungsi untuk memvalidasi form login
function validateLogin($email, $password) {
    // Lakukan validasi data di sini sesuai kebutuhan aplikasi Anda
    // Misalnya, validasi panjang, format email, dll.
    // Return true jika valid, atau false jika tidak valid
    return true; // Contoh sederhana, tidak ada validasi khusus
}
```

```php
// Proses login jika form disubmit
if ($_SERVER["REQUEST_METHOD"] == "POST") {
    $email = $_POST['email'];
    $password = md5($_POST['password']); // Menggunakan MD5 untuk hashing
password

    // Query untuk mencari pengguna berdasarkan email dan password
    $sql = "SELECT id_user, nama, email, nim, prodi, role FROM user WHERE email =
'$email' AND password = '$password'";
    $result = $koneksi->query($sql);

    if ($result === false) {
        echo "Error: " . $koneksi->error;
    } else {
        if ($result->num_rows > 0) {
            $row = $result->fetch_assoc();
            $_SESSION['id_user'] = $row['id_user'];
            $_SESSION['nama'] = $row['nama'];
            $_SESSION['email'] = $row['email'];
            $_SESSION['role'] = $row['role'];

            // Redirect ke halaman sesuai dengan role pengguna
            if ($_SESSION['role'] == 'admin') {
                header("Location: ../index.php");
            } else {
                header("Location: ../PENGGUNA/index.php");
            }
            exit();
        } else {
            echo "Email atau password salah!";
        }
    }
}

// $koneksi->close();
?>

<!DOCTYPE html>
<html>
<head>
    <title>Login</title>
    <style>
        body {
            font-family: Arial, sans-serif;
```

```css
    background-color: #f4f4f4; /* Warna latar belakang */
    display: flex;
    justify-content: center;
    align-items: center;
    height: 100vh;
    margin: 0;
}

.container {
    width: 300px;
    background-color: #fff;
    padding: 60px;
    border-radius: 8px;
    box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
}

.container h1 {
    text-align: center;
    color: #333;
    margin-bottom: 20px;
}

.container form {
    display: flex;
    flex-direction: column;
}

.container form input[type="email"],
.container form input[type="password"] {
    width: 95%;
    padding: 10px;
    margin-bottom: 15px;
    border: 1px solid #ccc;
    border-radius: 5px;
    font-size: 16px;
}

.container form input[type="submit"] {
    background-color: #007bff;
    color: #fff;
    border: none;
    padding: 12px 20px;
    border-radius: 5px;
    cursor: pointer;
    font-size: 16px;
```

```css
        }

        .container form input[type="submit"]:hover {
            background-color: #0056b3;
        }

        .container p {
            text-align: center;
            margin-top: 15px;
        }

        .container p a {
            text-decoration: none;
            color: #007bff;
        }

        .container p a:hover {
            text-decoration: underline;
        }

        .container .register-btn {
            background-color: #28a745;
            color: #fff;
            border: none;
            padding: 12px 20px;
            border-radius: 5px;
            cursor: pointer;
            font-size: 16px;
            text-align: center;
            display: block;
            width: 88%;
            margin-top: 10px;
        }

        .container .register-btn:hover {
            background-color: #218838;
        }
    </style>
</head>
<body>
    <div class="container">
        <h1>Login</h1>
        <form method="post" action="<?php echo
htmlspecialchars($_SERVER["PHP_SELF"]); ?>">
            Email: <input type="email" name="email" required><br>
```
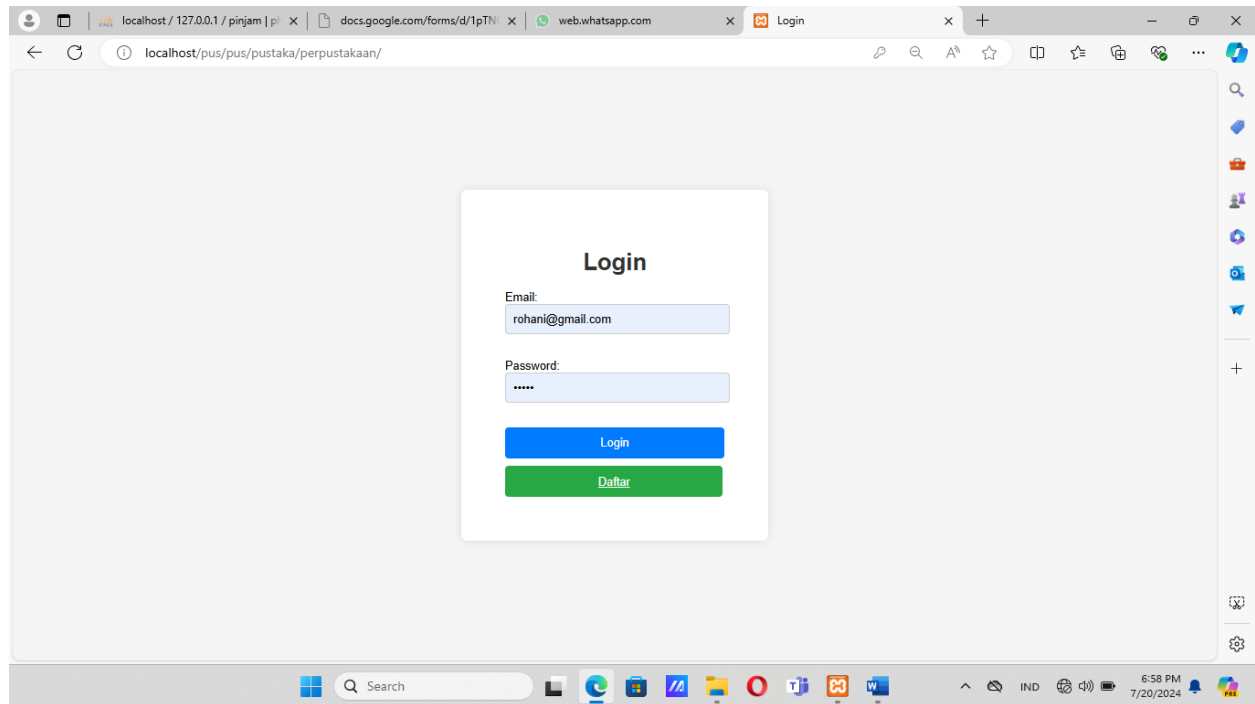
```html
            Password: <input type="password" name="password" required><br>
            <input type="submit" value="Login">
        </form>
        <a href="../register.php" class="register-btn">Daftar</a>
    </div>
</body>
</html>
```


Registrasi

```php
<?php
include('../koneksi.php');
// session_start(); // Mulai sesi

if ($_SERVER["REQUEST_METHOD"] == "POST") {
    $nama = $_POST['nama'];
    $email = $_POST['email'];
    $nim = $_POST['nim'];
    $prodi = $_POST['prodi'];
    $pasword = md5($_POST['pasword']); // Menggunakan MD5 untuk hashing pasword
    $role = 'user'; // Default role
```

```php
    $sql = "INSERT INTO user (nama, email, nim, prodi, pasword, role) VALUES
('$nama', '$email', '$nim', '$prodi', '$pasword', '$role')";

    if ($koneksi->query($sql) === TRUE) {
        // Setelah registrasi berhasil, langsung login
        $last_id = $koneksi->insert_id;
        $_SESSION['user_id'] = $last_id;
        $_SESSION['email'] = $email;
        $_SESSION['role'] = $role;

        header("Location: ../login/login.php"); // Ganti dengan halaman setelah
login
        exit();
    } else {
        echo "Error: " . $sql . "<br>" . $koneksi->error;
    }
}

$koneksi->close();
?>
<!DOCTYPE html>
<html>
<head>
    <title>Registrasi</title>
    <link rel="stylesheet" type="text/css" href="style.css">
</head>
<body>
    <div class="container">
        <h1>Registrasi</h1>
        <form method="post" action="<?php echo
htmlspecialchars($_SERVER["PHP_SELF"]); ?>">
            Nama: <input type="text" name="nama" required><br>
            Email: <input type="email" name="email" required><br>
            NIM: <input type="text" name="nim" required><br>
            Prodi: <input type="text" name="prodi" required><br>
            Password: <input type="password" name="pasword" required><br>
            <!-- <select name="role" required>
                <option value="admin">Admin</option>
                <option value="user">User</option>
            </select><br>  -->

            <input type="submit" name="Register" value="Register">
        </form>
        <p>Sudah punya akun? <a href="../login/login.php">Login disini</a></p>
    </div>
```

```
</body>
</html>
```


Data anggota

```php
<?php
include '../koneksi.php';

$sql = "SELECT * FROM anggota";
$result = $koneksi->query($sql);
?>

<!DOCTYPE html>
<html>
<head>
    <title>Read Anggota</title>
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
</head>
<body>
    <div class="container">
        <h2 class="mt-4">Read Anggota</h2>
```

```php
        <a href="tambah_data.php" class="btn btn-primary mb-3">Tambah Anggota
Baru</a>
        <a href="../index.php" class="btn btn-primary mb-3">KEMBALI</a>
        <table class="table table-bordered">
            <thead>
                <tr>
                    <th>Kode Anggota</th>
                    <th>Nama Anggota</th>
                    <th>Jenis Kelamin</th>
                    <th>Alamat Anggota</th>
                    <th>Telepon Anggota</th>
                    <th>Tempat Lahir</th>
                    <th>Tanggal Lahir</th>
                    <th>Action</th>
                </tr>
            </thead>
            <tbody>
                <?php
                if ($result->num_rows > 0) {
                    while($row = $result->fetch_assoc()) {
                        echo "<tr>";
                        echo "<td>" . $row["kodeanggota"]. "</td>";
                        echo "<td>" . $row["namaanggota"]. "</td>";
                        echo "<td>" . $row["jeniskelamin"]. "</td>";
                        echo "<td>" . $row["alamatanggota"]. "</td>";
                        echo "<td>" . $row["tlpanggota"]. "</td>";
                        echo "<td>" . $row["tempatlahir"]. "</td>";
                        echo "<td>" . $row["tgllahir"]. "</td>";
                        echo "<td>
                            <a
href='edit_data.php?kodeanggota=".$row["kodeanggota"]."' class='btn btn-warning
btn-sm'>Edit</a>
                            <a
href='hapus_data.php?kodeanggota=".$row["kodeanggota"]."' class='btn btn-danger
btn-sm'>Delete</a>
                        </td>";
                        echo "</tr>";
                    }
                } else {
                    echo "<tr><td colspan='8' class='text-center'>No records
found</td></tr>";
                }
                $koneksi->close();
                ?>
            </tbody>
```

```
            </table>
        </div>
</body>
</html>
```


Data penulis

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Data Penulis</title>
    <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
</head>
<body>
    <div class="container mt-4">
        <h2>Data Penulis</h2>
        <a href="form_tambah.php" class="btn btn-primary mb-3">Tambah Penulis</a>
        <table class="table table-bordered">
            <thead>
                <tr>
```
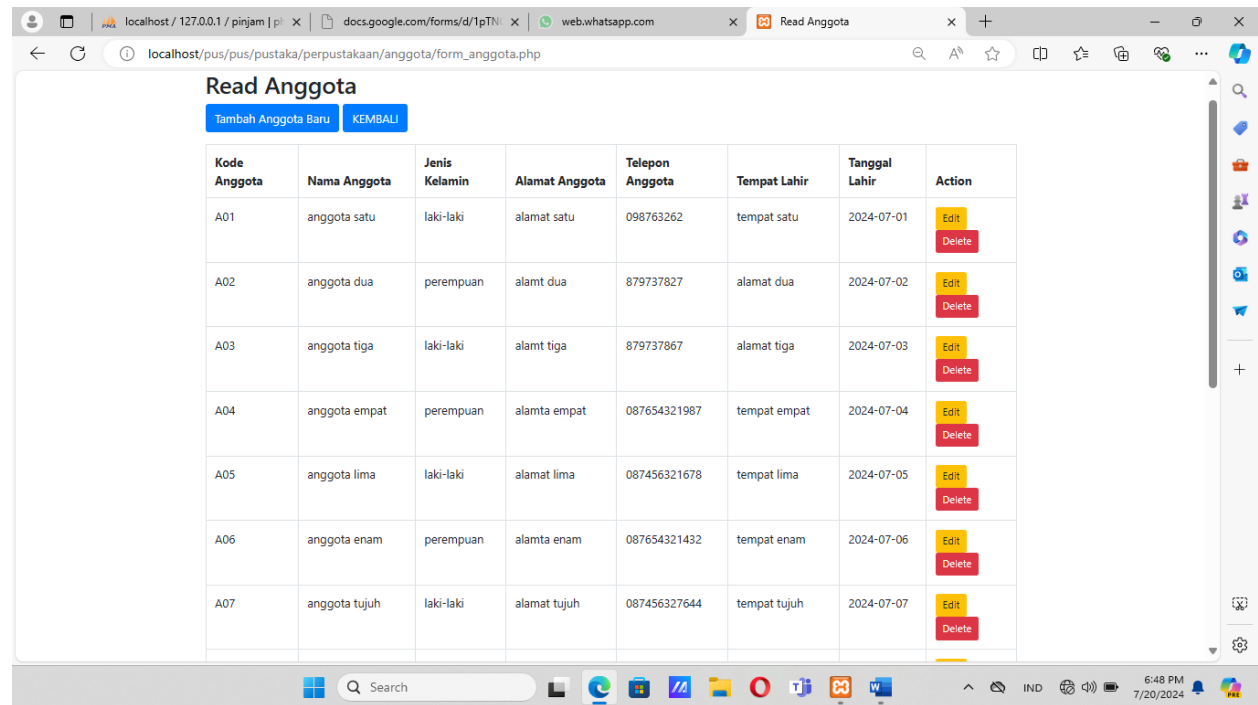
```php
                <th>Kode Penulis</th>
                <th>Nama Penulis</th>
                <th>Alamat Penulis</th>
                <th>Telp. Penulis</th>
                <th>Aksi</th>
            </tr>
        </thead>
        <tbody>
            <?php
            include '../koneksi.php';

            $sql = "SELECT * FROM penulis";
            $result = $koneksi->query($sql);

            if ($result->num_rows > 0) {
                while($row = $result->fetch_assoc()) {
                    echo "<tr>";
                    echo "<td>" . $row['kodepenulisan'] . "</td>";
                    echo "<td>" . $row['namapenulis'] . "</td>";
                    echo "<td>" . $row['alamatpenulis'] . "</td>";
                    echo "<td>" . $row['telppenulis'] . "</td>";
                    echo "<td>
                            <a href='form_edit.php?kodepenulisan=" .
$row['kodepenulisan'] . "' class='btn btn-warning btn-sm'>Edit</a>
                            <a href='proses_hapus.php?kodepenulisan=" .
$row['kodepenulisan'] . "' class='btn btn-danger btn-sm' onclick='return
confirm(\"Apakah Anda yakin ingin menghapus data ini?\")'>Hapus</a>
                          </td>";
                    echo "</tr>";
                }
            } else {
                echo "<tr><td colspan='5'>Tidak ada data penulis.</td></tr>";
            }
            $koneksi->close();
            ?>
        </tbody>
    </table>
  </div>
</body>
</html>
```

Detail transaksi

```php
<?php
include '../koneksi.php';

$sql = "SELECT * FROM detailtransaksi";
$result = $koneksi->query($sql);
?>

<!DOCTYPE html>
<html>
<head>
    <title>Read Transaksi</title>
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css">
</head>
<body>
    <div class="container">
        <h2 class="mt-5">Daftar Transaksi</h2>
        <a href="create.php" class="btn btn-success mb-3">Tambah Transaksi
Baru</a>
        <table class="table table-bordered">
            <thead>
                <tr>
                    <th>Kode Transaksi</th>
```

```php
                    <th>Kode Buku</th>
                    <th>Tanggal Pinjam</th>
                    <th>Jumlah Buku</th>
                    <th>Status</th>
                    <th>Tanggal Kembali</th>
                    <th>Aksi</th>
                </tr>
            </thead>
            <tbody>
                <?php
                if ($result->num_rows > 0) {
                    while($row = $result->fetch_assoc()) {
                        echo "<tr>";
                        echo "<td>" . $row["kodetransaksi"]. "</td>";
                        echo "<td>" . $row["kodebuku"]. "</td>";
                        echo "<td>" . $row["tglpinjam"]. "</td>";
                        echo "<td>" . $row["jumlahbuku"]. "</td>";
                        echo "<td>" . $row["status"]. "</td>";
                        echo "<td>" . $row["tglkembali"]. "</td>";
                        echo "<td><a
href='update.php?kodetransaksi=".$row["kodetransaksi"]."' class='btn btn-
warning'>Edit</a>
                        <a
href='delete.php?kodetransaksi=".$row["kodetransaksi"]."' class='btn btn-
danger'>Delete</a></td>";
                        echo "</tr>";
                    }
                } else {
                    echo "<tr><td colspan='7'>No records found</td></tr>";
                }
                $koneksi->close();
                ?>
            </tbody>
        </table>
    </div>
</body>
</html>
```
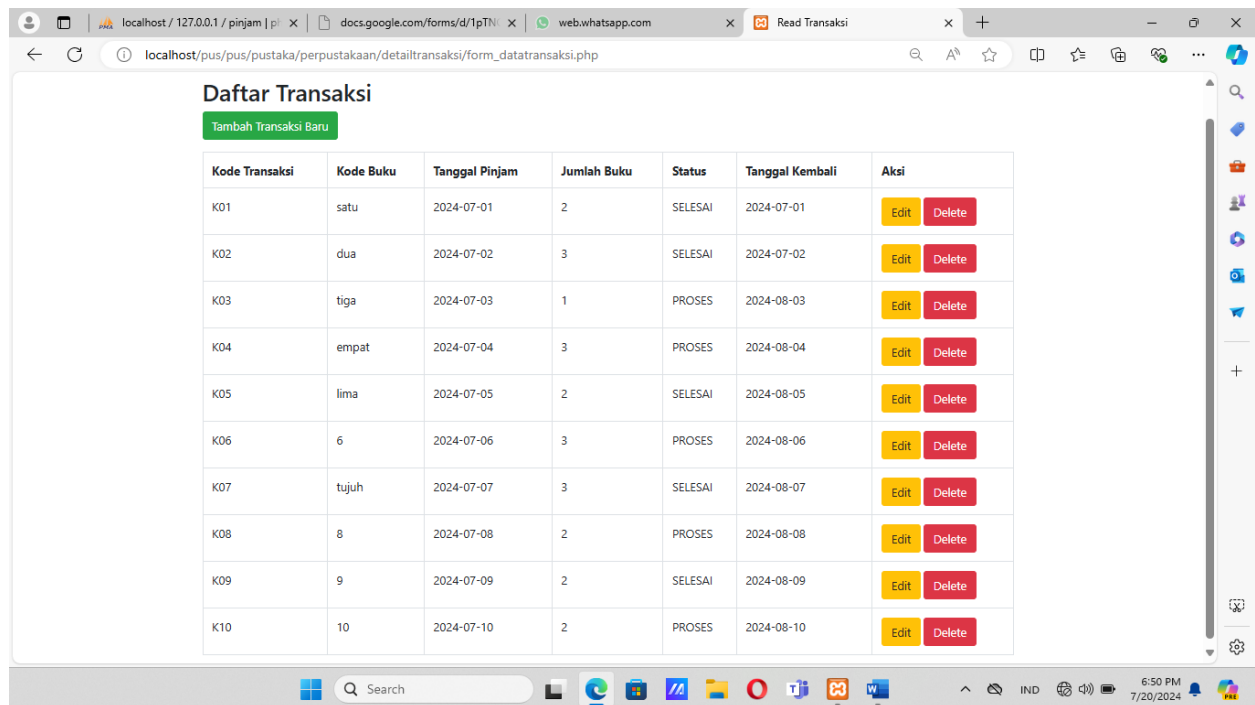
Data penerbit

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Data Penerbit</title>
    <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
</head>
<body>
    <div class="container mt-4">
        <h2>Data Penerbit</h2>
        <a href="form_tambah.php" class="btn btn-primary mb-3">Tambah
Penerbit</a>
        <table class="table table-bordered">
            <thead>
                <tr>
                    <th>Kode Penerbit</th>
                    <th>Nama Penerbit</th>
                    <th>Alamat Penerbit</th>
                    <th>Telp. Penerbit</th>
                    <th>Aksi</th>
                </tr>
```

```php
            </thead>
            <tbody>
                <?php
                include '../koneksi.php';

                $sql = "SELECT * FROM penerbit";
                $result = $koneksi->query($sql);

                if ($result->num_rows > 0) {
                    while($row = $result->fetch_assoc()) {
                        echo "<tr>";
                        echo "<td>" . $row['kodepenerbit'] . "</td>";
                        echo "<td>" . $row['namapenerbit'] . "</td>";
                        echo "<td>" . $row['alamatpenerbit'] . "</td>";
                        echo "<td>" . $row['tlppenerbit'] . "</td>";
                        echo "<td>
                                <a href='form_edit.php?kodepenerbit=" .
$row['kodepenerbit'] . "' class='btn btn-warning btn-sm'>Edit</a>
                                <a href='proses_hapus.php?kodepenerbit=" .
$row['kodepenerbit'] . "' class='btn btn-danger btn-sm' onclick='return
confirm(\"Apakah Anda yakin ingin menghapus data ini?\")'>Hapus</a>
                              </td>";
                        echo "</tr>";
                    }
                } else {
                    echo "<tr><td colspan='5'>Tidak ada data
penerbit.</td></tr>";
                }
                $koneksi->close();
                ?>
            </tbody>
        </table>
    </div>
</body>
</html>
```

Master transaksi

```php
<?php
include '../koneksi.php';

$sql = "SELECT * FROM mastertransaksi";
$result = $koneksi->query($sql);
?>

<!DOCTYPE html>
<html>
<head>
    <title>Daftar Transaksi</title>
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css">
</head>
<body>
    <div class="container">
        <h2 class="mt-5">Daftar Transaksi</h2>
        <a href="create.php" class="btn btn-success mb-3">Tambah Transaksi
Baru</a>
        <table class="table table-bordered">
            <thead>
                <tr>
                    <th>Kode Transaksi</th>
```

```php
                    <th>Tanggal Transaksi</th>
                    <th>Kode Anggota</th>
                    <th>Aksi</th>

                </tr>
            </thead>
            <tbody>
                <?php
                if ($result->num_rows > 0) {
                    while($row = $result->fetch_assoc()) {
                        echo "<tr>";
                        echo "<td>" . $row["kodetransaksi"]. "</td>";
                        echo "<td>" . $row["tgltransaksi"]. "</td>";
                        echo "<td>" . $row["kodeanggota"]. "</td>";
                        echo "<td><a
href='update.php?kodetransaksi=".$row["kodetransaksi"]."' class='btn btn-
warning'>Edit</a> <a href='delete.php?kodetransaksi=".$row["kodetransaksi"]."'
class='btn btn-danger'>Delete</a></td>";
                        echo "</tr>";
                    }
                } else {
                    echo "<tr><td colspan='4'>Tidak ada data
transaksi</td></tr>";
                }
                $koneksi->close();
                ?>
            </tbody>
        </table>
    </div>
</body>
</html>
```
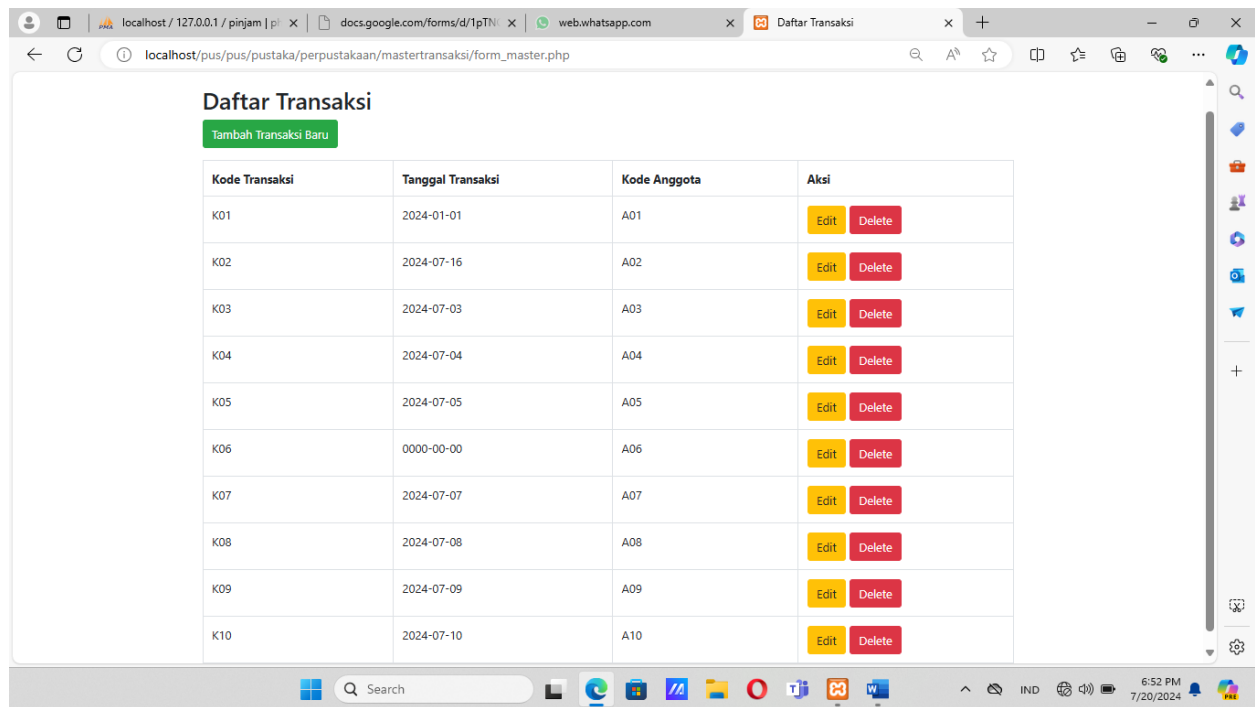
Data kategori

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Data Kategori</title>
    <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
</head>
<body>
    <div class="container mt-4">
        <h2>Data Kategori</h2>
        <a href="form_tambah.php" class="btn btn-primary mb-3">Tambah
Kategori</a>
        <table class="table table-bordered">
            <thead>
                <tr>
                    <th>Kode Kategori</th>
                    <th>Nama Kategori</th>
                    <th>Aksi</th>
                </tr>
            </thead>
            <tbody>
```

```php
            <?php
            include '../koneksi.php';

            $sql = "SELECT * FROM kategori";
            $result = $koneksi->query($sql);

            if ($result->num_rows > 0) {
                while($row = $result->fetch_assoc()) {
                    echo "<tr>";
                    echo "<td>" . $row['kodekategori'] . "</td>";
                    echo "<td>" . $row['namakategori'] . "</td>";
                    echo "<td>
                            <a href='form_edit.php?kodekategori=" .
$row['kodekategori'] . "' class='btn btn-warning btn-sm'>Edit</a>
                            <a href='proses_hapus.php?kodekategori=" .
$row['kodekategori'] . "' class='btn btn-danger btn-sm' onclick='return
confirm(\"Apakah Anda yakin ingin menghapus data ini?\")'>Hapus</a>
                          </td>";
                    echo "</tr>";
                }
            } else {
                echo "<tr><td colspan='3'>Tidak ada data
kategori.</td></tr>";
            }
            $koneksi->close();
            ?>
        </tbody>
    </table>
    </div>
</body>
</html>
```
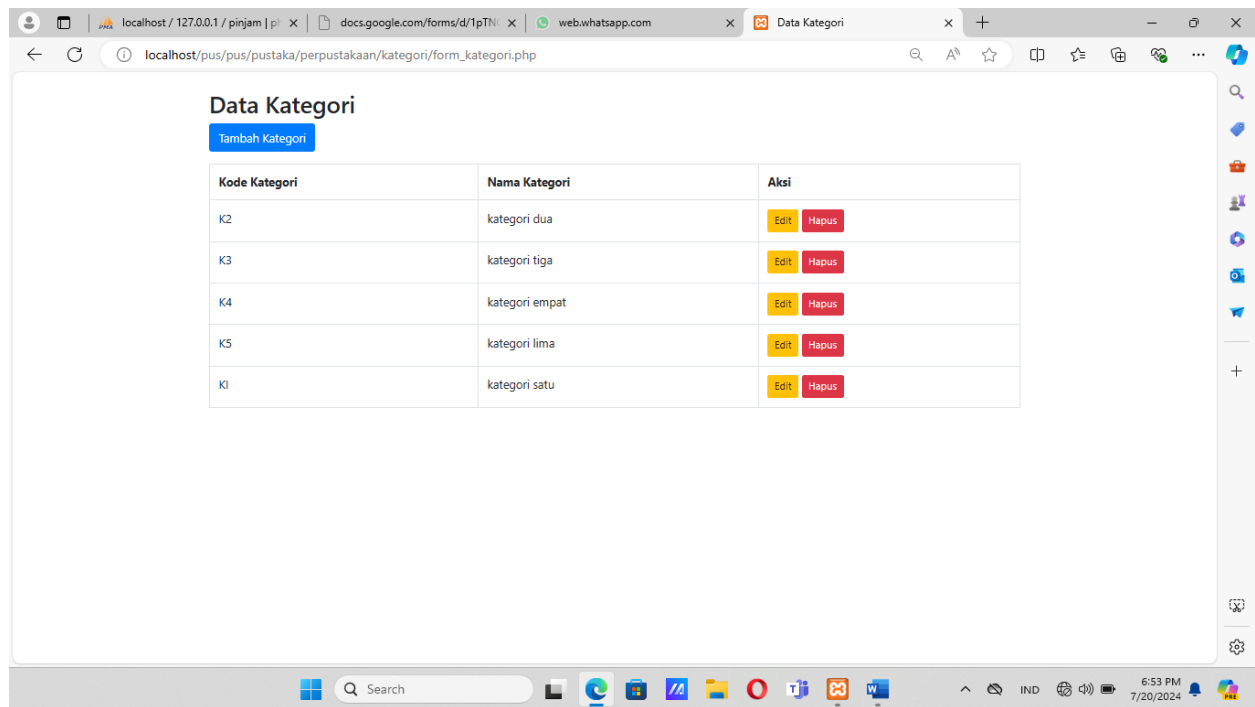
Data buku

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Data Buku</title>
    <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/5.15.3/css/all.min.css">
</head>
<body>
    <div class="container mt-4">
        <h2>Data Buku</h2>
        <a href="form_tambah.php" class="btn btn-primary mb-3"><i class="fas fa-
plus"></i> Tambah Buku</a>
        <table class="table table-bordered">
            <thead>
                <tr>
                    <th>Judul Buku</th>
                    <th>ISBN</th>
                    <th>Kode Penulis</th>
                    <th>Kode Penerbit</th>
```

```php
                    <th>Kode Kategori</th>
                    <th>Tanggal Terbit</th>
                    <th>Jumlah Halaman</th>
                    <th>Kode Buku</th>
                    <th>Aksi</th>
                </tr>
            </thead>
            <tbody>
                <?php
                include '../koneksi.php';

                $sql = "SELECT * FROM buku";
                $result = $koneksi->query($sql);

                if ($result->num_rows > 0) {
                    while($row = $result->fetch_assoc()) {
                        echo "<tr>";
                        echo "<td>" . $row['judulbuku'] . "</td>";
                        echo "<td>" . $row['isbn'] . "</td>";
                        echo "<td>" . $row['kodepenulis'] . "</td>";
                        echo "<td>" . $row['kodepenerbit'] . "</td>";
                        echo "<td>" . $row['kodekategori'] . "</td>";
                        echo "<td>" . $row['tglterbit'] . "</td>";
                        echo "<td>" . $row['jmlhhalaman'] . "</td>";
                        echo "<td>" . $row['kodebuku'] . "</td>";
                        echo "<td
                                <a href='form_edit.php?kodebuku=" .
$row['kodebuku'] . "' class='btn btn-warning btn-sm'><i class='fas fa-edit'></i>
Edit</a>

                                <a href='proses_hapus.php?kodebuku=" .
$row['kodebuku'] . "' class='btn btn-danger btn-sm' onclick='return
confirm(\"Apakah Anda yakin ingin menghapus data ini?\")'><i class='fas fa-
trash'></i> Hapus</a>
                            </td>";
                        echo "</tr>";
                    }
                } else {
                    echo "<tr><td colspan='9'>Tidak ada data buku.</td></tr>";
                }
                $koneksi->close();
                ?>
            </tbody>
        </table>
    </div>
</body>
```
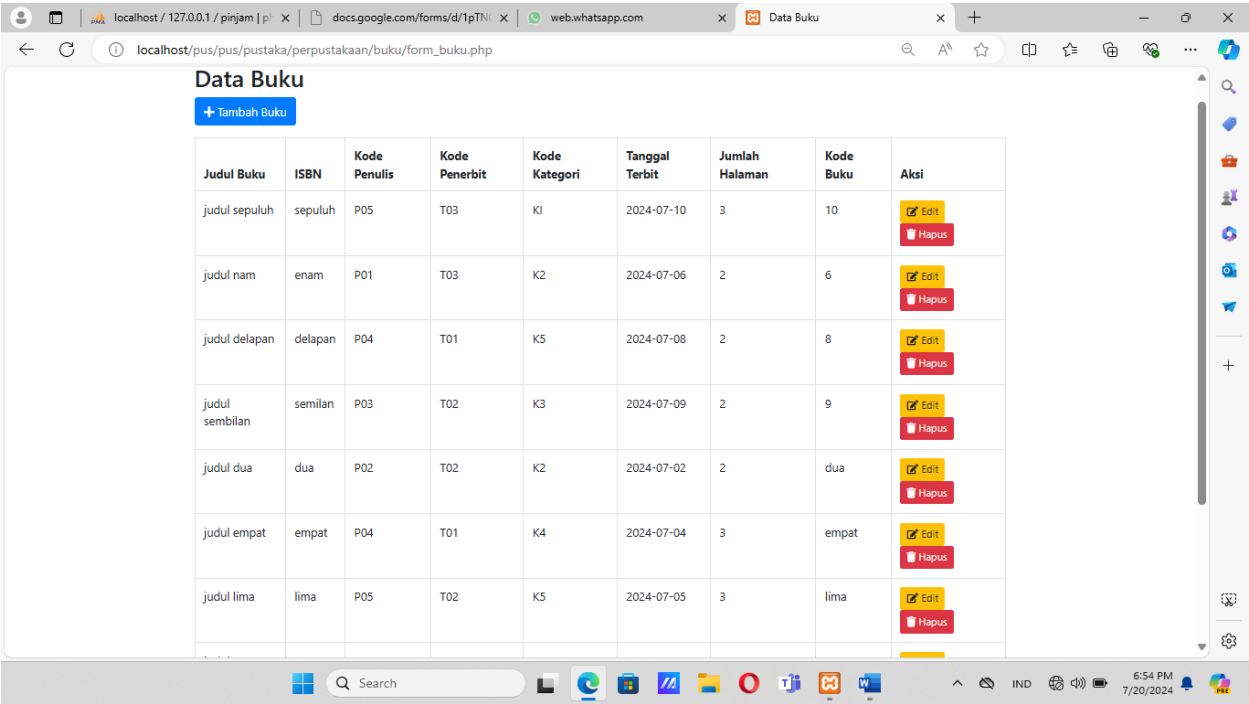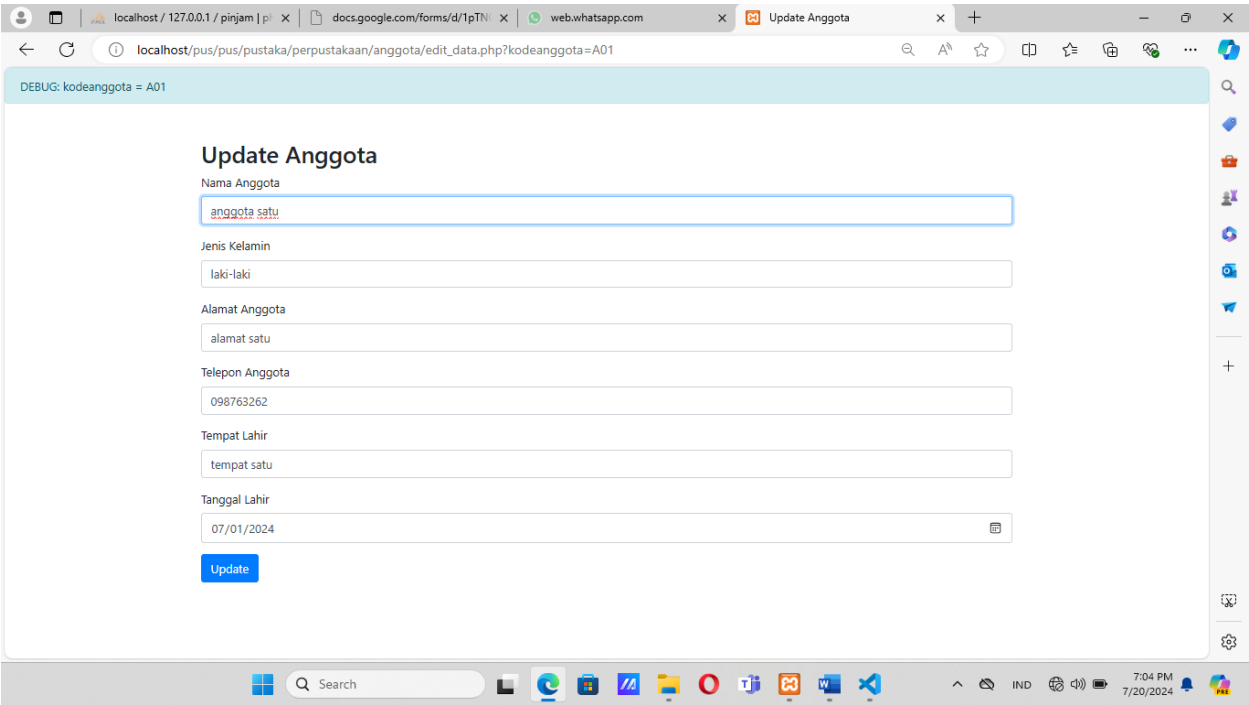
```
</html>
```


Edit data anggota

Hapus data anggota