

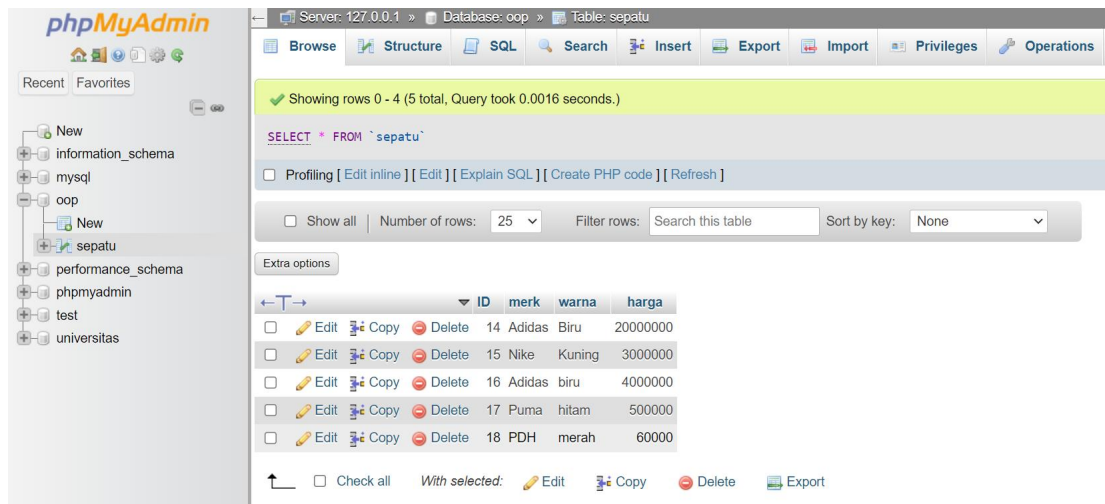
Membuat Aplikasi CRUD Dengan OOP PHP

Krelompok :

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Tahapan

- a. Membuat database & tabel



- b. Membuat koneksi

```
<?php
class oop {
    private $host = "localhost";
    private $db_name = "oop";
    private $username = "root";
    private $password = "";
    public $conn;

    public function getConnection() {
        $this->conn = null;
        try{
            $this->conn = new PDO("mysql:host=".$this->host.";dbname=" . $this->db_name, $this->username, $this->password);
            $this->conn->exec("set names utf8");
        } catch (PDOException $e) {
            die("Database connection failed: " . $e->getMessage());
        }
    }
}
```

```

    } catch (PDOException $expection) {
        echo "Connection error:" . $expection->getMessage();
    }
    return $this->conn;
}

```

```

}
?>

```

c. Menampilkan Data

```

<?php
include_once 'config.php';
include_once 'sepatu.php';

$database = new oop();
$db = $database->getConnection();
$mahasiswa = new Sepatu($db);
$stmt = $mahasiswa->read();
?>

<!DOCTYPE html>
<html>
    <head>
        <title>Data Sepatu</title>
        <link rel="stylesheet" href="tampilan.css">
    </head>
    <body>
        <table border="1">
            <tr>
                <th><a href="create.php" class="tambah">Tambah Data</a></th>
                <th colspan="4">Data Sepatu</th>
                <th></th>
            </tr>
            <tr>
                <th>ID</th>
                <th>Merk</th>
                <th>Warna</th>
                <th>Harga</th>
                <th colspan="2">Ops</th>
            </tr>
        </table>
        <?php
        while($row =$stmt->fetch(PDO::FETCH_ASSOC)) {
            extract($row);
            echo"<tr>";
            echo"<td>{$ID}</td>";
            echo"<td>{$merk}</td>";
            echo"<td>{$warna}</td>";
            echo"<td>{$harga}</td>";
            echo"<td><a href='update.php?id={$ID}' class='green'>Ubah</a></td>";

```

```

        echo"<td><button onclick=\"if (confirm('yakin hapus ini?'))
window.location.href = './delete_action.php?ID=" . $ID . "\";\"
type='button' class='red'>Delete</button></td>";
        echo"</tr>";
    }
    ?>
</table>

</body>
</html>

```

Hasil :

Tambah Data		Data Sepatu				
ID	Merk	Warna	Harga	Opsi		
14	Adidas	Biru	20000000	<button>Ubah</button>	<button>Delete</button>	
15	Nike	Kuning	3000000	<button>Ubah</button>	<button>Delete</button>	
16	Adidas	biru	4000000	<button>Ubah</button>	<button>Delete</button>	
17	Puma	hitam	500000	<button>Ubah</button>	<button>Delete</button>	
18	PDH	merah	60000	<button>Ubah</button>	<button>Delete</button>	

d. Menambah Data

Create :

```

<!DOCTYPE html>
<html>
    <head>
        <title>Tambah Sepatu</title>
        <link rel="stylesheet" href="form.css">
    </head>
    <body>
        <h1>Tambah Sepatu </h1>
        <form action="create_action.php" method="post">
            Merk:<input type="text" name="merk"><br>
            Warna:<input type="text" name="warna"><br>
            Harga:<input type="number" name="harga"><br>
            <input type="submit" value="Simpan">
        </form>
    </body>
</html>

```

Create Action:

```

<?php
include_once 'config.php';

```

```

include_once 'sepatu.php';

$databse = new oop();
$db = $databse->getConnection();

$sepatu = new Sepatu($db);

$sepatu->merk = $_POST['merk'];
$sepatu->warna = $_POST['warna'];
$sepatu->harga = $_POST['harga'];

if($sepatu->create()) {
    echo "Sepatu berhasil ditambahkan.";
} else {
    echo "Gagal menambahkan sepatu.";
}
?>
<br>
<a href="index.php">Kembali</a>

```

Hasil :

Tambah Sepatu

Merk:

Warna:

Harga:

e. Edit Data

```

<?php
include_once 'config.php';
include_once 'sepatu.php';

$databse = new oop();
$db = $databse->getConnection();
$sepatu = new Sepatu($db);

// Periksa apakah ada ID yang dikirim
if (isset($_GET['id'])) {
    $sepatu->ID = $_GET['id'];
    $sepatu->readOne();// Ambil data berdasarkan ID untuk diisi di form
}

```

```

if ($_POST) {
    // Set data sepatu dari form
    $sepatu->merk = $_POST['merk'];
    $sepatu->warna = $_POST['warna'];
    $sepatu->harga = $_POST['harga'];

    // Jalankan update
    if ($sepatu->update()) {
        echo "<div>Data berhasil diubah!</div>";
    } else {
        echo "<div>Gagal mengubah data.</div>";
    }
}
?>

```

```

<!DOCTYPE html>
<html>
<head>
    <title>Update Data Sepatu</title>
    <link rel="stylesheet" href="form.css">
</head>
<body>
    <h1>Update Data Sepatu</h1>
    <form action="<?php echo htmlspecialchars($_SERVER["PHP_SELF"]) .
"?id=" . $sepatu->ID); ?>" method="post">
        <label for="merk">Merk:</label>
        <input type="text" name="merk" value="<?php echo $sepatu-
>merk; ?>" required><br>

```

```

        <label for="warna">Warna:</label>
        <input type="text" name="warna" value="<?php echo $sepatu-
>warna; ?>" required><br>

```

```

        <label for="harga">Harga:</label>
        <input type="number" name="harga" value="<?php echo $sepatu-
>harga; ?>" required><br>

```

```

        <input type="submit" value="Update">
    </form>
    <br>
</body>
</html>

```

Hasil :

Data berhasil diubah!

Update Data Sepatu

Merk:

Warna:

Harga:

f. Delete Data

Delete :

```
<?php
include_once 'config.php';
include_once 'sepatu.php';

$database = new oop();
$db = $database->getConnection();
$sepatu = new Sepatu($db);

// Periksa apakah ada ID yang dikirim untuk dihapus
if (isset($_GET['id'])) {
    $sepatu->ID = $_GET['id'];

    if ($sepatu->delete()) {
        echo "<div>Data berhasil dihapus!</div>";
    } else {
        echo "<div>Gagal menghapus data.</div>";
    }
}
?>
<a href="index.php">Kembali</a>
```

Delete action :

```
<?php
include_once 'config.php';
include_once 'sepatu.php';

$database = new oop();
$db = $database->getConnection();

$sepatu = new Sepatu($db);
$sepatu->ID = $_GET['ID'];

$hasil = $sepatu->delete();
```

```

if($hasil) {
    header('location: ./');
} else {
    echo "<h1>";
    echo "data tidak bisa di hapus.";
    echo "</h1>";
    echo " - <a href=\"./\">Back Home</a>";
}

```

```
?>
```

Hasil:

Tambah Data		Data Sepatu			
ID	Merk	Warna	Harga	Opsi	
16	Adidas	biru	4000000	Ubah	Delete
17	Puma	hitam	500000	Ubah	Delete
18	PDH	merah	60000	Ubah	Delete