

db.php

```
<?php
    $mysqli = new mysqli("localhost:3307", "root", "", "crud");
    if($mysqli == false){
        echo "Error: " . $mysqli->error;
    }
?>
```

index.php

```
<?php
    require_once "db.php";
    $sql = "SELECT * FROM students";
    $result = $mysqli->query($sql);
?>
<!DOCTYPE html>
<html>
<head>
    <title></title>
</head>

<body>
    <h2>Students list</h2>
    <a href = "insert.php">Add new student</a>
    <table>
        <tr>
            <th>ID</th>
            <th>Name</th>
            <th>Email</th>
            <th>Address</th>
            <th colspan="2">Action</th>
        </tr>
        <?php
            if($result->num_rows > 0){
                while($row = $result->fetch_array()){
                    ?>
                    <tr>
                        <td><?php echo $row['id'] ?></td>
                        <td><?php echo $row['name'] ?></td>
                        <td><?php echo $row['email'] ?></td>

                        <td><?php echo $row['address'] ?></td>
                        <td>
                            <a href = "edit.php?id=<?php echo $row['id'] ?>">Edit</a>
                            <a href = "delete.php?id=<?php echo $row['id'] ?>">Delete</a>
                        </td>
                    </tr>
                <?php
                }
            } else {
                echo "Record not found";
                exit;
            }
        ?>
    </table>
</body>
</html>
```

insert.php

```

<?php
    require_once "db.php";
    if(isset($_POST) && !empty($_POST)){
        $name = trim($_POST['name']);
        $email = trim($_POST['email']);
        $address = trim($_POST['address']);
        $sql = "INSERT INTO students(name, email, address) VALUES('$name', '$email',
'$address')";
        if($mysqli->query($sql)){
            echo "Student added";
        } else {
            echo "Student wasn't added";
        }
    } else {
        echo "An error occurred";
    }
}
?>

```

```

<!DOCTYPE html>
<html>
<head>
    <title></title>
</head>
<body>
    <h2>Add Student</h2>
    <form action="" method = "POST">
        <label for="">Name</label>
        <input type="text" name= "name"><br>
        <label for="">Email</label>
        <input type="email" name = "email"><br>
        <label for="">Address</label>
        <input type="text" name = "address"><br>
        <input type = "submit" value = "Submit">
    </form>
</body>
</html>

```

edit.php

```

<?php
    require_once "db.php";
    if(isset($_POST) && !empty($_POST)){
        $id = $_POST['id'];
        $name = trim($_POST['name']);
        $email = trim($_POST['email']);
        $address = trim($_POST['address']);
        $sql = "UPDATE students SET name = '$name', email = '$email', address = '$address' WHERE
id=$id";
        if($mysqli->query($sql)){
            echo "Student update";
        } else {
            echo "Student wasn't updated";
        }
    }

    if(isset($_GET) && !empty($_GET)){
        $id = $_GET['id'];
        $sql = "SELECT * FROM students WHERE id=$id";
        if($result = $mysqli->query($sql)){
            if($result->num_rows == 1){
                $row = $result->fetch_array();
            }
        }
    }
}

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        } else {
            echo "Data not found";
            exit;
        }
    } else {
        echo "An error occurred";
    }
}
?>

<!DOCTYPE html>
<html lang="en">
<head>
    <title></title>
</head>
<body>
    <h2>Add Student</h2>
    <form action="<?php echo basename($_SERVER['REQUEST_URI']) ?>" method = "POST">
        <label for="">Name</label>
        <input type="text" name= "name" value = "<?php echo $row['name'] ?>"><br>
        <label for="">Email</label>
        <input type="email" name = "email" value = "<?php echo $row['email'] ?>"><br>
        <label for="">Address</label>
        <input type="text" name = "address" value = "<?php echo $row['address'] ?>"><br>
        <input type = "hidden" value = "<?php echo $row['id'] ?>" name = "id">
        <input type = "submit" value = "Submit">
    </form>
</body>
</html>

```

delete.php

```

<?php
    require_once "db.php";
    if(isset($_GET['id']) && !empty($_GET['id'])){
        $id = $_GET['id'];
        $sql = "DELETE FROM students WHERE id=$id";
        if($mysqli->query($sql)){
            echo "User delete successfully";
            header("location:index.php");
        } else {
            echo "An error occurred";
            exit;
        }
    }
?>

```