

Code

1. index.php

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Dashboard</title>
  <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
  <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/font-awesome/4.7.0/css/font-
awesome.min.css">
  <script src="https://code.jquery.com/jquery-3.5.1.min.js"></script>
  <script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.1/dist/umd/popper.min.js"></script>
  <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>
  <style>
    .wrapper{
      width: 600px;
      margin: 0 auto;
    }
    table tr td:last-child{
      width: 120px;
    }
  </style>
  <script>
    $(document).ready(function(){
      $('[data-toggle="tooltip"]').tooltip();
    });
  </script>
</head>
<body>
  <div class="wrapper">
    <div class="container-fluid">
      <div class="row">
        <div class="col-md-12">
          <div class="mt-5 mb-3 clearfix">
            <h2 class="pull-left">Employees Details</h2>
            <a href="create.php" class="btn btn-success pull-right"><i class="fa fa-plus"></i>
Add New Employee</a>
          </div>
          <?php
            // Include config file
            require_once "config.php";
            $sql = "SELECT * FROM employees";
            if($result = mysqli_query($link, $sql)){
              if(mysqli_num_rows($result) > 0){
                echo '<table class="table table-bordered table-striped">';
```

```

        echo "<thead>";
        echo "<tr>";
        echo "<th>#</th>";
        echo "<th>Name</th>";
        echo "<th>Address</th>";
        echo "<th>Salary</th>";
        echo "<th>Action</th>";
        echo "</tr>";
        echo "</thead>";
        echo "<tbody>";
        while($row = mysqli_fetch_array($result)){
            echo "<tr>";
            echo "<td>" . $row['id'] . "</td>";
            echo "<td>" . $row['name'] . "</td>";
            echo "<td>" . $row['address'] . "</td>";
            echo "<td>" . $row['salary'] . "</td>";
            echo "<td>";
                echo '<a href="read.php?id=' . $row['id'] . '" class="mr-3" title="View
Record" data-toggle="tooltip"><span class="fa fa-eye"></span></a>';
                echo '<a href="update.php?id=' . $row['id'] . '" class="mr-3" title="Update
Record" data-toggle="tooltip"><span class="fa fa-pencil"></span></a>';
                echo '<a href="delete.php?id=' . $row['id'] . '" title="Delete Record" data-
toggle="tooltip"><span class="fa fa-trash"></span></a>';
            echo "</td>";
            echo "</tr>";
        }
        echo "</tbody>";
        echo "</table>";
        mysqli_free_result($result);
    } else{
        echo '<div class="alert alert-danger"><em>No records were found.</em></div>';
    }
    } else{
        echo "Oops! Something went wrong. Please try again later.";
    }
    mysqli_close($link);
    ?>
</div>
</div>
</div>
</body>
</html>

```

2. config.php

```
<?php
```

```

define('DB_SERVER', 'localhost');
define('DB_USERNAME', 'root');
define('DB_PASSWORD', '');
define('DB_NAME', 'wt');
$link = mysqli_connect(DB_SERVER, DB_USERNAME, DB_PASSWORD, DB_NAME);
if($link === false){
    die("ERROR: Could not connect. " . mysqli_connect_error());
}
?>

```

3. create.php

```

<?php
// Include config file
require_once "config.php";
$name = $address = $salary = "";
$name_err = $address_err = $salary_err = "";
if($_SERVER["REQUEST_METHOD"] == "POST"){
    // Validate name
    $input_name = trim($_POST["name"]);
    if(empty($input_name)){
        $name_err = "Please enter a name.";
    } elseif(!filter_var($input_name, FILTER_VALIDATE_REGEXP,
array("options"=>array("regexp"=>"/^[a-zA-Z\s]+$/")))){
        $name_err = "Please enter a valid name.";
    } else{
        $name = $input_name;
    }
    $input_address = trim($_POST["address"]);
    if(empty($input_address)){
        $address_err = "Please enter an address.";
    } else{
        $address = $input_address;
    }
    $input_salary = trim($_POST["salary"]);
    if(empty($input_salary)){
        $salary_err = "Please enter the salary amount.";
    } elseif(!ctype_digit($input_salary)){
        $salary_err = "Please enter a positive integer value.";
    } else{
        $salary = $input_salary;
    }
    if(empty($name_err) && empty($address_err) && empty($salary_err)){
        $sql = "INSERT INTO employees (name, address, salary) VALUES (?, ?, ?)";
        if($stmt = mysqli_prepare($link, $sql)){
            mysqli_stmt_bind_param($stmt, "sss", $param_name, $param_address, $param_salary);
            $param_name = $name;
            $param_address = $address;

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    $param_salary = $salary;
    if(mysqli_stmt_execute($stmt)){
        header("location: index.php");
        exit();
    } else{
        echo "Oops! Something went wrong. Please try again later.";
    }
}
mysqli_stmt_close($stmt);
}
mysqli_close($link);
?>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>Create Record</title>
    <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
    <style>
        .wrapper{
            width: 600px;
            margin: 0 auto;
        }
    </style>
</head>
<body>
    <div class="wrapper">
        <div class="container-fluid">
            <div class="row">
                <div class="col-md-12">
                    <h2 class="mt-5">Create Record</h2>
                    <p>Please fill this form and submit to add employee record to the database.</p>
                    <form action="<?php echo htmlspecialchars($_SERVER["PHP_SELF"]); ?>"
method="post">
                        <div class="form-group">
                            <label>Name</label>
                            <input type="text" name="name" class="form-control <?php echo
(!empty($name_err)) ? 'is-invalid' : ''; ?>" value="<?php echo $name; ?>">
                            <span class="invalid-feedback"><?php echo $name_err; ?></span>
                        </div>
                        <div class="form-group">
                            <label>Address</label>
                            <textarea name="address" class="form-control <?php echo (!empty($address_err))
? 'is-invalid' : ''; ?>"><?php echo $address; ?></textarea>
                            <span class="invalid-feedback"><?php echo $address_err; ?></span>

```

```

        </div>
        <div class="form-group">
            <label>Salary</label>
            <input type="text" name="salary" class="form-control <?php echo
(!empty($salary_err)) ? 'is-invalid' : ''; ?>" value="<?php echo $salary; ?>">
            <span class="invalid-feedback"><?php echo $salary_err; ?></span>
        </div>
        <input type="submit" class="btn btn-primary" value="Submit">
        <a href="index.php" class="btn btn-secondary ml-2">Cancel</a>
    </form>
</div>
</div>
</div>
</div>
</body>
</html>

```

4. delete.php

```

<?php
if(isset($_POST["id"]) && !empty($_POST["id"])){
    require_once "config.php";
    $sql = "DELETE FROM employees WHERE id = ?";
    if($stmt = mysqli_prepare($link, $sql)){
        mysqli_stmt_bind_param($stmt, "i", $param_id);
        $param_id = trim($_POST["id"]);
        if(mysqli_stmt_execute($stmt)){
            header("location: index.php");
            exit();
        } else{
            echo "Oops! Something went wrong. Please try again later.";
        }
    }
    mysqli_stmt_close($stmt);
    mysqli_close($link);
} else{
    if(empty(trim($_GET["id"]))) {
        header("location: error.php");
        exit();
    }
}
?>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>Delete Record</title>

```

```

<link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
<style>
    .wrapper{
        width: 600px;
        margin: 0 auto;
    }
</style>
</head>
<body>
    <div class="wrapper">
        <div class="container-fluid">
            <div class="row">
                <div class="col-md-12">
                    <h2 class="mt-5 mb-3">Delete Record</h2>
                    <form action="<?php echo htmlspecialchars($_SERVER["PHP_SELF"]); ?>"
method="post">
                        <div class="alert alert-danger">
                            <input type="hidden" name="id" value="<?php echo trim($_GET["id"]); ?>" />
                            <p>Are you sure you want to delete this employee record?</p>
                            <p>
                                <input type="submit" value="Yes" class="btn btn-danger">
                                <a href="index.php" class="btn btn-secondary">No</a>
                            </p>
                        </div>
                    </form>
                </div>
            </div>
        </div>
    </div>
</body>
</html>

```

5. update.php

```

<?php
require_once "config.php";
$name = $address = $salary = "";
$name_err = $address_err = $salary_err = "";
if(isset($_POST["id"]) && !empty($_POST["id"])){
    $id = $_POST["id"];
    $input_name = trim($_POST["name"]);
    if(empty($input_name)){
        $name_err = "Please enter a name.";
    } elseif(!filter_var($input_name, FILTER_VALIDATE_REGEXP,
array("options"=>array("regexp"=>"/^[a-zA-Z\s]+$/"))) ){
        $name_err = "Please enter a valid name.";
    } else{

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```

    $name = $input_name;
}
$input_address = trim($_POST["address"]);
if(empty($input_address)){
    $address_err = "Please enter an address.";
} else{
    $address = $input_address;
}
$input_salary = trim($_POST["salary"]);
if(empty($input_salary)){
    $salary_err = "Please enter the salary amount.";
} elseif(!ctype_digit($input_salary)){
    $salary_err = "Please enter a positive integer value.";
} else{
    $salary = $input_salary;
}
if(empty($name_err) && empty($address_err) && empty($salary_err)){
    $sql = "UPDATE employees SET name=?, address=?, salary=? WHERE id=?";
    if($stmt = mysqli_prepare($link, $sql)){
        mysqli_stmt_bind_param($stmt, "sssi", $param_name, $param_address, $param_salary,
$param_id);
        $param_name = $name;
        $param_address = $address;
        $param_salary = $salary;
        $param_id = $id;
        if(mysqli_stmt_execute($stmt)){
            header("location: index.php");
            exit();
        } else{
            echo "Oops! Something went wrong. Please try again later.";
        }
    }
    mysqli_stmt_close($stmt);
}
mysqli_close($link);
} else{
    if(isset($_GET["id"]) && !empty(trim($_GET["id"]))) {
        $id = trim($_GET["id"]);
        $sql = "SELECT * FROM employees WHERE id = ?";
        if($stmt = mysqli_prepare($link, $sql)){
            mysqli_stmt_bind_param($stmt, "i", $param_id);
            $param_id = $id;
            if(mysqli_stmt_execute($stmt)){
                $result = mysqli_stmt_get_result($stmt);
                if(mysqli_num_rows($result) == 1){
                    $row = mysqli_fetch_array($result, MYSQLI_ASSOC);
                    $name = $row["name"];

```

```

        $address = $row["address"];
        $salary = $row["salary"];
    } else{
        // URL doesn't contain valid id. Redirect to error page
        header("location: error.php");
        exit();
    }
} else{
    echo "Oops! Something went wrong. Please try again later.";
}
}
mysqli_stmt_close($stmt);
mysqli_close($link);
} else{
    // URL doesn't contain id parameter. Redirect to error page
    header("location: error.php");
    exit();
}
}
?>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>Update Record</title>
    <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
    <style>
        .wrapper{
            width: 600px;
            margin: 0 auto;
        }
    </style>
</head>
<body>
    <div class="wrapper">
        <div class="container-fluid">
            <div class="row">
                <div class="col-md-12">
                    <h2 class="mt-5">Update Record</h2>
                    <p>Please edit the input values and submit to update the employee record.</p>
                    <form action="<?php echo
htmlspecialchars(basename($_SERVER['REQUEST_URI'])); ?>" method="post">
                        <div class="form-group">
                            <label>Name</label>
                            <input type="text" name="name" class="form-control <?php echo
(!empty($name_err)) ? 'is-invalid' : ''; ?>" value="<?php echo $name; ?>">

```



```

        <span class="invalid-feedback"><?php echo $name_err;?></span>
    </div>
    <div class="form-group">
        <label>Address</label>
        <textarea name="address" class="form-control <?php echo (!empty($address_err))
? 'is-invalid' : ''; ?>"><?php echo $address; ?></textarea>
        <span class="invalid-feedback"><?php echo $address_err;?></span>
    </div>
    <div class="form-group">
        <label>Salary</label>
        <input type="text" name="salary" class="form-control <?php echo
(!empty($salary_err)) ? 'is-invalid' : ''; ?>" value="<?php echo $salary; ?>">
        <span class="invalid-feedback"><?php echo $salary_err;?></span>
    </div>
    <input type="hidden" name="id" value="<?php echo $id; ?>" />
    <input type="submit" class="btn btn-primary" value="Submit">
    <a href="index.php" class="btn btn-secondary ml-2">Cancel</a>
</form>
</div>
</div>
</div>
</div>
</body>
</html>

```

6. read.php

```

<?php
if(isset($_GET["id"]) && !empty(trim($_GET["id"]))) {
    require_once "config.php";
    $sql = "SELECT * FROM employees WHERE id = ?";

    if($stmt = mysqli_prepare($link, $sql)) {
        mysqli_stmt_bind_param($stmt, "i", $param_id);
        $param_id = trim($_GET["id"]);
        if(mysqli_stmt_execute($stmt)) {
            $result = mysqli_stmt_get_result($stmt);
            if(mysqli_num_rows($result) == 1) {
                $row = mysqli_fetch_array($result, MYSQLI_ASSOC);
                $name = $row["name"];
                $address = $row["address"];
                $salary = $row["salary"];
            } else {
                header("location: error.php");
                exit();
            }
        } else {
            echo "Oops! Something went wrong. Please try again later.";
        }
    }
}

```

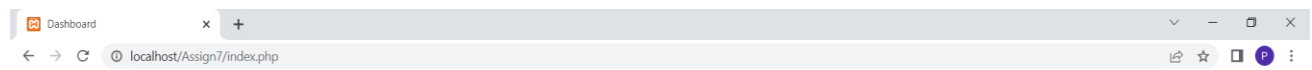
```

    }
}
mysqli_stmt_close($stmt);
mysqli_close($link);
} else{
    // URL doesn't contain id parameter. Redirect to error page
    header("location: error.php");
    exit();
}
?>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>View Record</title>
    <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
    <style>
        .wrapper{
            width: 600px;
            margin: 0 auto;
        }
    </style>
</head>
<body>
    <div class="wrapper">
        <div class="container-fluid">
            <div class="row">
                <div class="col-md-12">
                    <h1 class="mt-5 mb-3">View Record</h1>
                    <div class="form-group">
                        <label>Name</label>
                        <p><b><?php echo $row["name"]; ?></b></p>
                    </div>
                    <div class="form-group">
                        <label>Address</label>
                        <p><b><?php echo $row["address"]; ?></b></p>
                    </div>
                    <div class="form-group">
                        <label>Salary</label>
                        <p><b><?php echo $row["salary"]; ?></b></p>
                    </div>
                    <p><a href="index.php" class="btn btn-primary">Back</a></p>
                </div>
            </div>
        </div>
    </div>
</div>

```

</body>
</html>

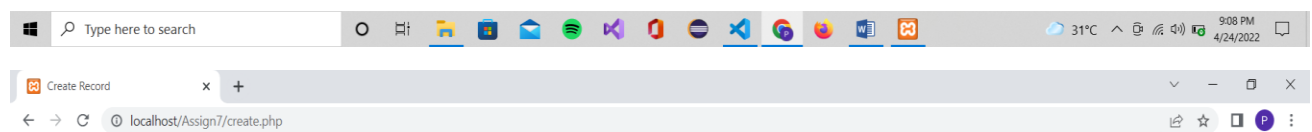
Outputs



Employees Details

+ Add New Employee

#	Name	Address	Salary	Action
4	Mohini Shinde	Satara	400000	View Edit Delete
5	Pratiksha Ganjave	Nasik	300000	View Edit Delete



Create Record

Please fill this form and submit to add employee record to the database.

Name

Rutuja Patil

Address

Sangli

Salary

100000



Employees Details

[+ Add New Employee](#)

#	Name	Address	Salary	Action
4	Mohini Shinde	Satara	400000	View Edit Delete
5	Pratiksha Ganjave	Nasik	300000	View Edit Delete
6	Rutuja Patil	Sangli	100000	View Edit Delete

View Record

Name

Mohini Shinde

Address

Satara

Salary

400000

[Back](#)



Update Record

Please edit the input values and submit to update the employee record.

Name

Mohini Shinde

Address

Satara

Salary

4000005

Submit

Cancel



Delete Record

Are you sure you want to delete this employee record?

Yes

No

