Experiment 3.3

Student Name: Ayush Kumar Singh   **UID:21MCA3085**

Branch: MCA   **Section/Group:21MCA/6B**

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Subject Name: Advanced Web Technologies Lab   Subject Code:21CAH755

1) Task to be done:
   code for database handing:Insert,Select, Update,Delete.

2) Steps for experiment/practical & Output:

- **Create Routes in Web.php**

```php
<?php

use Illuminate\Support\Facades\Route;

use App\Http\Controllers\employeecontroller;


//employee Routes

Route::view("/registeremployees", "createEmployee");

Route::get('/employeeview' , [employeecontroller::class, 'list']);

Route::get('deleteEmployee/{id}', [employeecontroller::class, 'delete']);

Route::get('updateEmployee/{id}', [employeecontroller::class, 'editListdata']);

Route::post('saveemployee/{id}', [employeecontroller::class, 'saveListdata']);

Route::post("/registeremployees", [employeecontroller::class , 'registerEmployee']);
```

- **Created Controller : employeecontroller.php**

```php
<?php

namespace App\Http\Controllers;

use Illuminate\Http\Request;

use Illuminate\Support\Facades\DB;

use App\Models\employee;


class employeecontroller extends Controller
{
  //
  public function registerEmployee(Request $request){


    $name= $request->input('emp_name');

    $designation= $request->input('designation');

    $salary= $request->input('salary');

    DB::insert("insert into employee ( name, designation, salary) values (?,?,?) ", [$name, $designation, $salary]);

    return redirect('employeeview');

    // return $request->input();


  }


  function list(){
```

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```php
    // return person::all();

    $data = employee::all();

    return view('allEmployee' , ['allusers'=>$data]);

  }

  function delete(Request $request)

  {

    DB::delete('Delete from employee where id= ?', [$request->id]);

    return redirect('employeeview');

  }

  function editListdata(Request $request){

    $editableuser =   DB::select('select * from employee where id= ?', [$request->id]);

    return view('updateemployee' , ['editableuser'=>$editableuser]);

  }

  function saveListdata(Request $request, $id){

    $person = employee::find($id);

    $person->name = $request->input('emp_name');

    $person->designation = $request->input('designation');

    $person->salary = $request->input('salary');

    $person->save();

    return redirect("/employeeview");

  }


}
```

- **Create migration file**

  Use command : <u>php artisan make:migration create_employee_table</u>

  Here is the migration file to create table in database:

```php
<?php

use Illuminate\Database\Migrations\Migration;
use Illuminate\Database\Schema\Blueprint;
use Illuminate\Support\Facades\Schema;

return new class extends Migration
{
  /**
   * Run the migrations.
   */
  public function up(): void
  {
    Schema::create('employee', function (Blueprint $table) {
      $table->increments('id');
      $table->string('name',50);
      $table->string('designation' , 100);
      $table->string('salary',100);
      $table->timestamps();
    });
  }

  /**
   * Reverse the migrations.
   */
  public function down(): void
  {
    Schema::dropIfExists('employee');
  }
};
```

- **Create model file**

  Use command: php artisan make: model employee

  Here is the employee model file

```php
<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Factories\HasFactory;
use Illuminate\Database\Eloquent\Model;

class employee extends Model
{
    use HasFactory;
    protected $table = 'employee';

}
```

- **Created the Blade files**

  createEmployee.blade.php

```html
<!doctype html>
<html lang="en">
 <head>
   <meta charset="utf-8">
   <meta name="viewport" content="width=device-width, initial-scale=1">
   <title>Register New Employee ...</title>
   <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-
alpha3/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-
KK94CHFLLe+nY2dmCWGMq91rCGa5gtU4mk92HdvYe+M/SXH301p5ILy+dN9+nJ
OZ" crossorigin="anonymous">
```

```
    <style>
      body{
        padding: 10px;
        background-color: grey;
      }
      .mydiv{
        margin: 100px;
      }
      h1{
       text-align: center;
       font-family: cursive;
       color: white;
      }
      a{
       /* background-color: white; */
       text-decoration: none;
       color: inherit;
      }
    </style>

</head>
 <body>
   <div class="mydiv">
    <h1>Register Here</h1>
     <form class="form-control" action="/registeremployees" method="post">
       @csrf
       Name : <input class="form-control" type="text" name="emp_name"
id="emp_name"><br><br>
       <!-- <span style="color: red"> @error('userName') {{$message}}
@enderror</span><br> -->
       Designation : <input class="form-control" type="text" name="designation"
id="designation"><br><br>
       <!-- <span style="color: red"> @error('userPassword') {{$message}}
@enderror</span><br> -->
       Salary  : <input class="form-control" type="text" name="salary"
id="salary"><br><br>

       <input class="btn btn-primary" type="submit" value="Add Employee">
```

```
    </form><br>
    <button class="btn btn-warning"><a href="/employeeview">Click Here to
Manage List ...</a></button>
  </div>




    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-
alpha3/dist/js/bootstrap.bundle.min.js" integrity="sha384-
ENjdO4Dr2bkBIFxQpeoTz1HIcje39Wm4jDKdf19U8gI4ddQ3GYNS7NTKfAdVQSZe"
crossorigin="anonymous"></script>
  </body>
</html>
```

allEmployee.blade.php

```
<!doctype html>
<html lang="en">
 <head>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <title>Manage employees</title>
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-
alpha3/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-
KK94CHFLLe+nY2dmCWGMq91rCGa5gtU4mk92HdvYe+M/SXH301p5ILy+dN9+nJ
OZ" crossorigin="anonymous">

  <style>
    body{
      padding: 10px;
      background-color: grey;
    }
```

```css
    .mydiv{
      margin: 100px;
    }
    h1{
      text-align: center;
      font-family: cursive;
      color: white;
    }
    a{
      /* background-color: white; */
      text-decoration: none;
      color: inherit;
    }
  </style>
```

```html
</head>
 <body>

 <h1>Manage Employees</h1>

  <div class="mydiv">
   <table class="table table-dark">
  <thead>
   <tr>
    <th scope="col">Employee ID</th>
    <th scope="col"> Name</th>
    <th scope="col">Designation</th>
    <th scope="col">salary</th>
    <th scope="col">update</th>
    <th scope="col">delete</th>
   </tr>
  </thead>
  <tbody>

        @foreach($allusers as $i)
             <tr>
              <td>{{$i->id }} </td>
              <td>{{$i->name }} </td>
              <td>{{$i->designation }} </td>
```

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```
            <td>{{$i->salary }} </td>
            <td><a href={{"updateEmployee/".$i['id']}}>Edit</a></td>
            <td><a href={{"deleteEmployee/".$i['id']}}>Delete</a> </td>

            </tr>
        @endforeach

    </tbody>
</table>




    </div>




    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-
alpha3/dist/js/bootstrap.bundle.min.js" integrity="sha384-
ENjdO4Dr2bkBIFxQpeoTz1HIcje39Wm4jDKdf19U8gI4ddQ3GYNS7NTKfAdVQSZe"
crossorigin="anonymous"></script>
    </body>
</html>
```

updateemployee.blade.php

```
<!doctype html>
<html lang="en">
 <head>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <title>Register Here ...</title>
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-
alpha3/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-
KK94CHFLLe+nY2dmCWGMq91rCGa5gtU4mk92HdvYe+M/SXH301p5ILy+dN9+nJ
OZ" crossorigin="anonymous">
```

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```html
    <style>
      body{
         padding: 10px;
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      .mydiv{
        margin: 100px;
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      h1{
        text-align: center;
        font-family: cursive;
        color: white;
      }
      a{
        /* background-color: white; */
        text-decoration: none;
        color: inherit;
      }
    </style>

</head>
 <body>
  <div class="mydiv">
    <h1>Update Here</h1>


     <form class="form-control" action="/saveemployee/{{$editableuser[0]->id}}"
method="post">
       @csrf
       name : <input class="form-control" type="text" name="emp_name"
id="userName" value="{{$editableuser[0]->name}}"><br><br>
       designation : <input class="form-control" type="text" name="designation"
id="designation" value="{{$editableuser[0]->designation}}"><br><br>
       salary  : <input class="form-control" type="text" name="salary" id="salary"
value="{{$editableuser[0]->salary}}"><br><br>

       <input class="btn btn-primary" type="submit" value="Update">
```
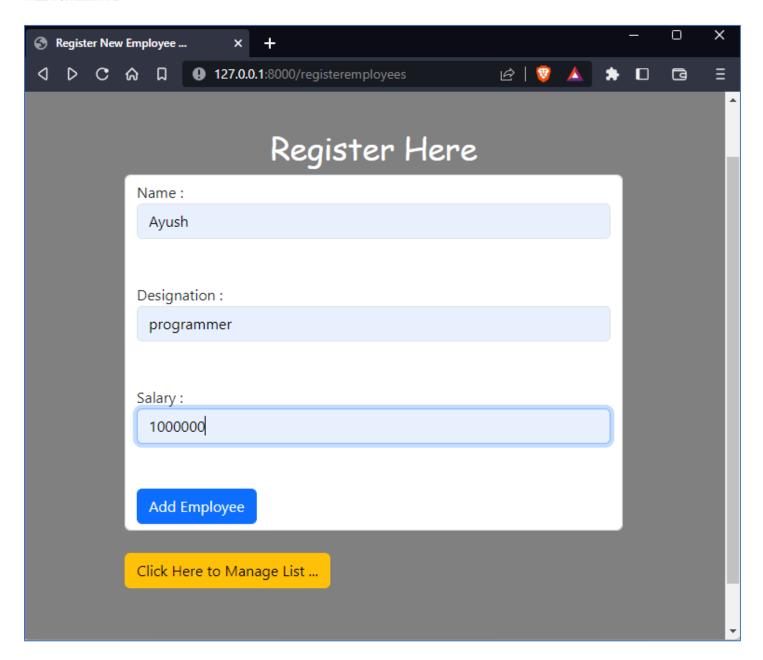
```
    </form><br>
    <button class="btn btn-warning"><a href="/employeeview">Click Here to
Manage List ...</a></button>
  </div>




    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-
alpha3/dist/js/bootstrap.bundle.min.js" integrity="sha384-
ENjdO4Dr2bkBIFxQpeoTz1HIcje39Wm4jDKdf19U8gI4ddQ3GYNS7NTKfAdVQSZe"
crossorigin="anonymous"></script>
  </body>
</html>
```
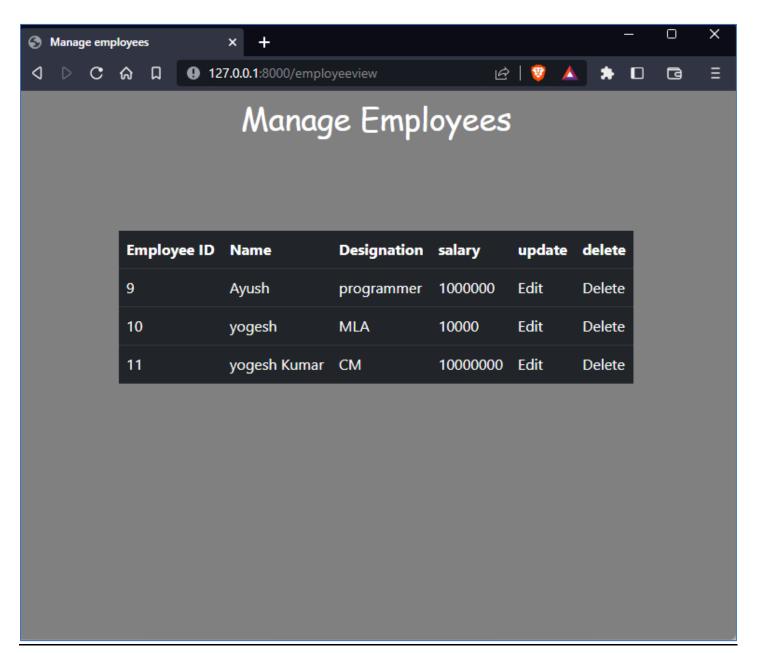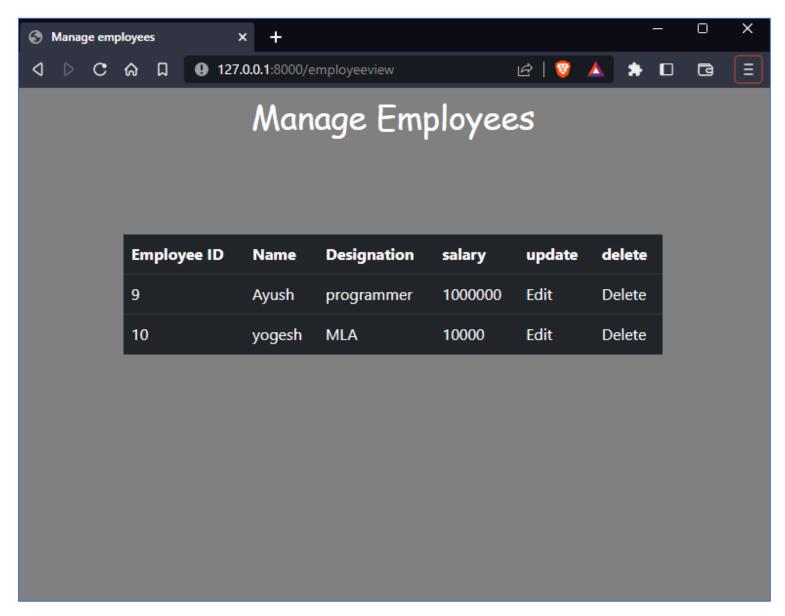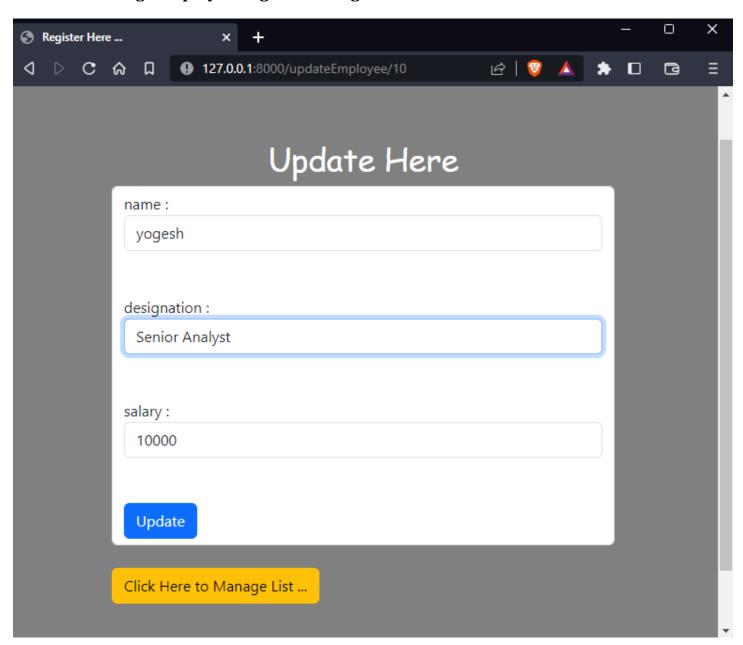
Output:

Manage Employees

Employee ID	Name	Designation	salary	update	delete
9	Ayush	programmer	1000000	Edit	Delete
10	yogesh	MLA	10000	Edit	Delete
11	yogesh Kumar	CM	10000000	Edit	Delete

Now I will delete employee Yogesh kumar

Manage Employees

Employee ID	Name	Designation	salary	update	delete
9	Ayush	programmer	1000000	Edit	Delete
10	yogesh	MLA	10000	Edit	Delete

Now I will Change employee Yogesh 's Designation

Here is the Final Result

Manage Employees

Employee ID	Name	Designation	salary	update	delete
9	Ayush	programmer	1000000	Edit	Delete
10	yogesh	Senior Analyst	10000	Edit	Delete

Evaluation Grid:

Sr. No.	Parameters	Marks Obtained	Maximum Marks
1.	Demonstration and Performance		5
2.	Worksheet		10
3.	Post Lab Quiz		5