Mini Project

Objective:

Create a dynamic web application that can create, update and retrieve employee information.

Employee information to include

1. Employee id
2. Emp first name
3. Emp last name
4. Role
5. Designation
6. Department (associate with a department table)
7. Salary
8. Address (associate with an address table)
9. Mobile number
10. status

Develop UI screens for

1. Searching and displaying emp information
2. Listing of employee names to include pagination and sorting
3. To create and update employee information

Additional requirements

1.Make a servlet that displays a bulleted list of last names of all employees.

2. Make a servlet that computes the the sum of the salaries of all employees.

3. Make an HTML form that collects a last name. Send the name to a servlet or JSP page. If there is an employee with that last name, show full details on him or her (just show the first employee if there are multiple people with the same name). If there is no employee with that last name, say so.

4. Make an HTML form that collects three values: a table name, a number of columns c, and a number of rows r. Send the data to a servlet or a JSP page. Display an HTML table containing the first c columns of the first r rows of the designated table from the database. Be sure to handle the case where c or r are too big.

DB Entities to include

1. Employee details
2. Address entity with fields for Area, city, pincode etc
3. Department entity with fields Dept ID, department name, location

Expected Deliverables:

UML Diagrams:

1. Class Diagram
2. Activity Diagram
3. Sequence Diagram
4. Use case diagram
5. ER diagram