Login & Registration System

Objective

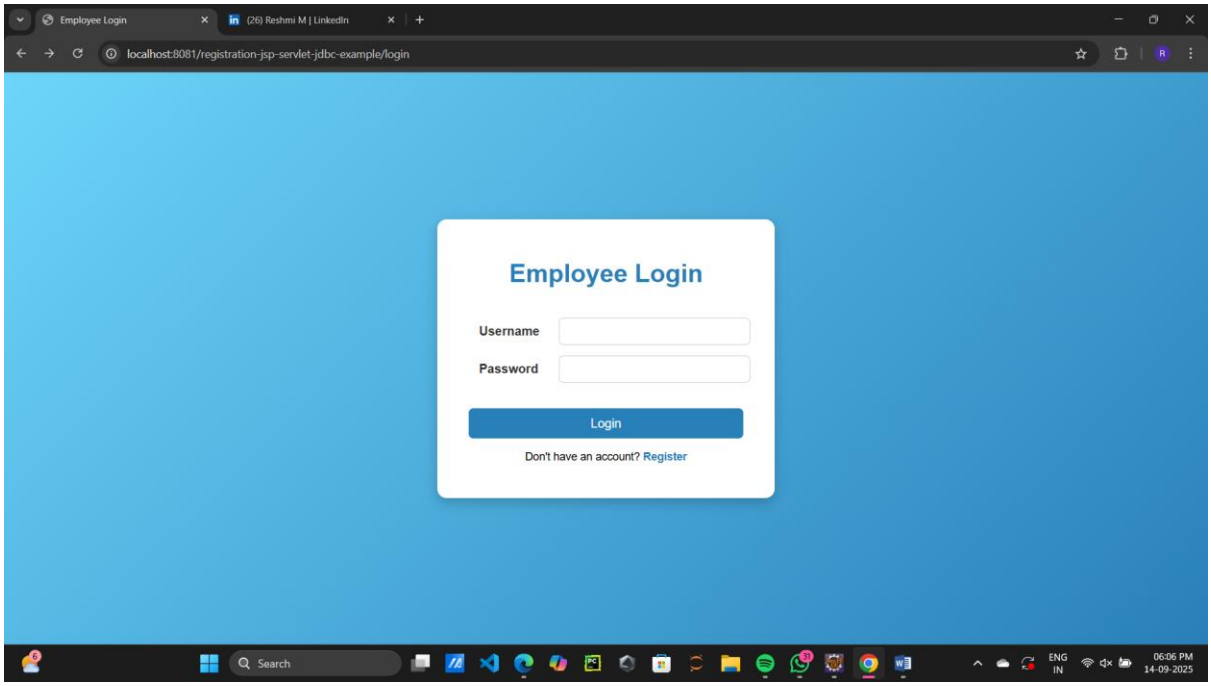
The objective of this project is to develop a simple web application that allows users to **log in** if they already have an account or **register** if they are new. Once logged in, users are redirected to a personalized **Welcome Page**. This project demonstrates the core concepts of **user authentication, session handling, and servlet–JSP interaction** in a simplified way.

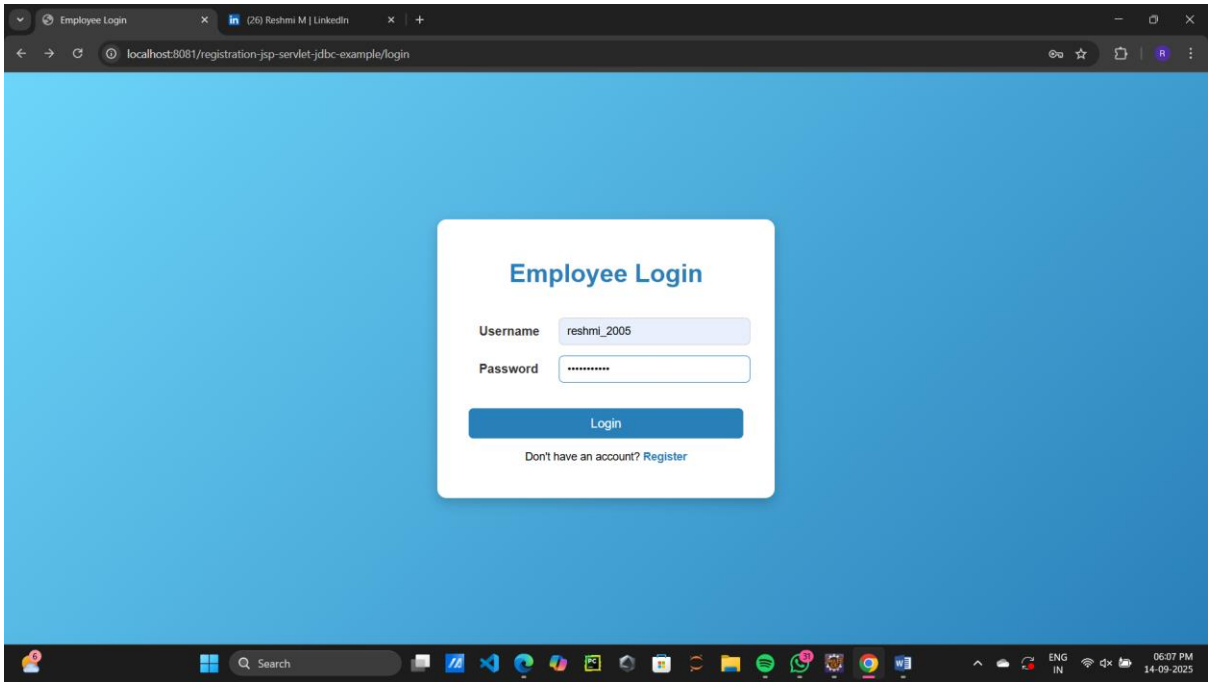
Technologies Used

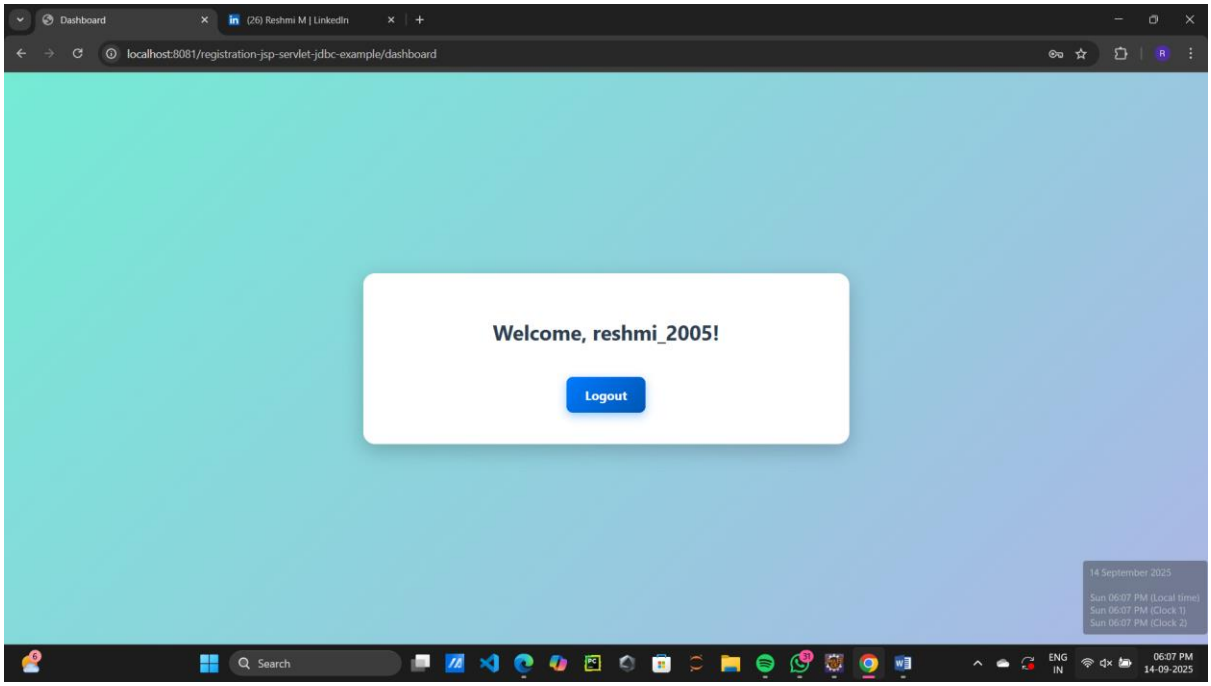
1. **Frontend:**
   - JSP (Java Server Pages) – for creating user interfaces (Login, Register, Welcome pages).
   - Basic CSS – for styling the forms and pages.
2. **Backend:**
   - Java Servlets – for handling requests (LoginServlet, RegisterServlet).
3. **Server & Tools:**
   - Apache Tomcat – to deploy and run the application.
   - IDE (Eclipse) – for development.
4. **Database :**
   - MySQL – for persistent user storage

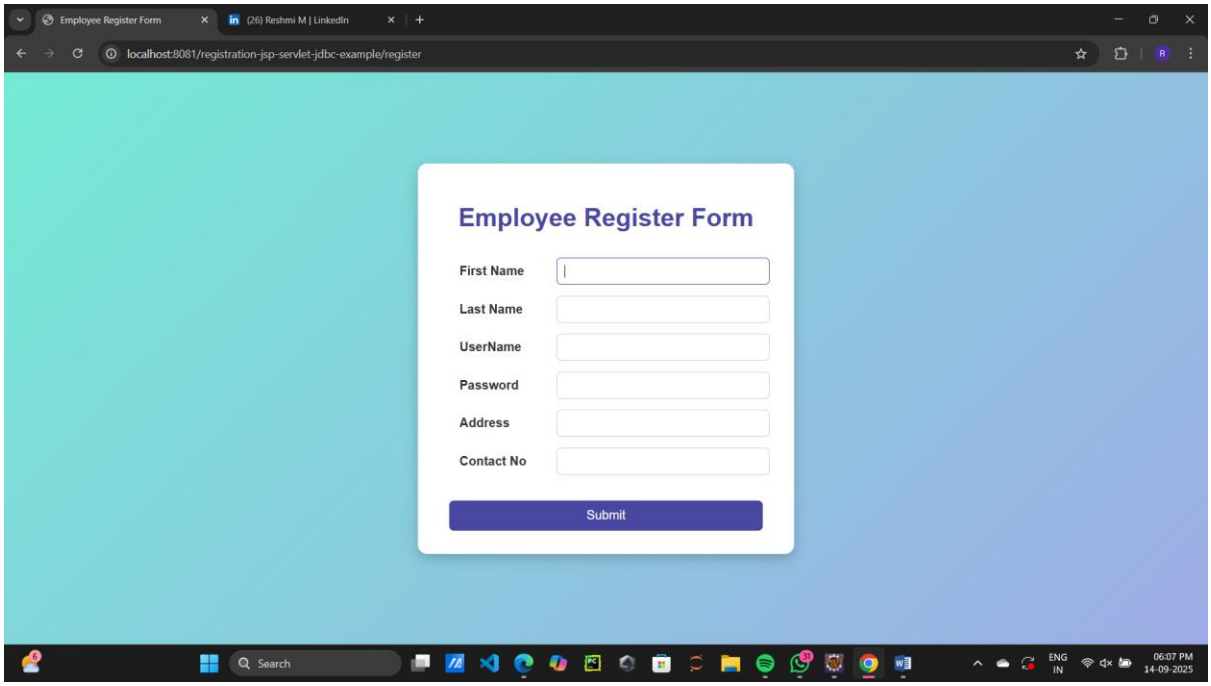
Justification

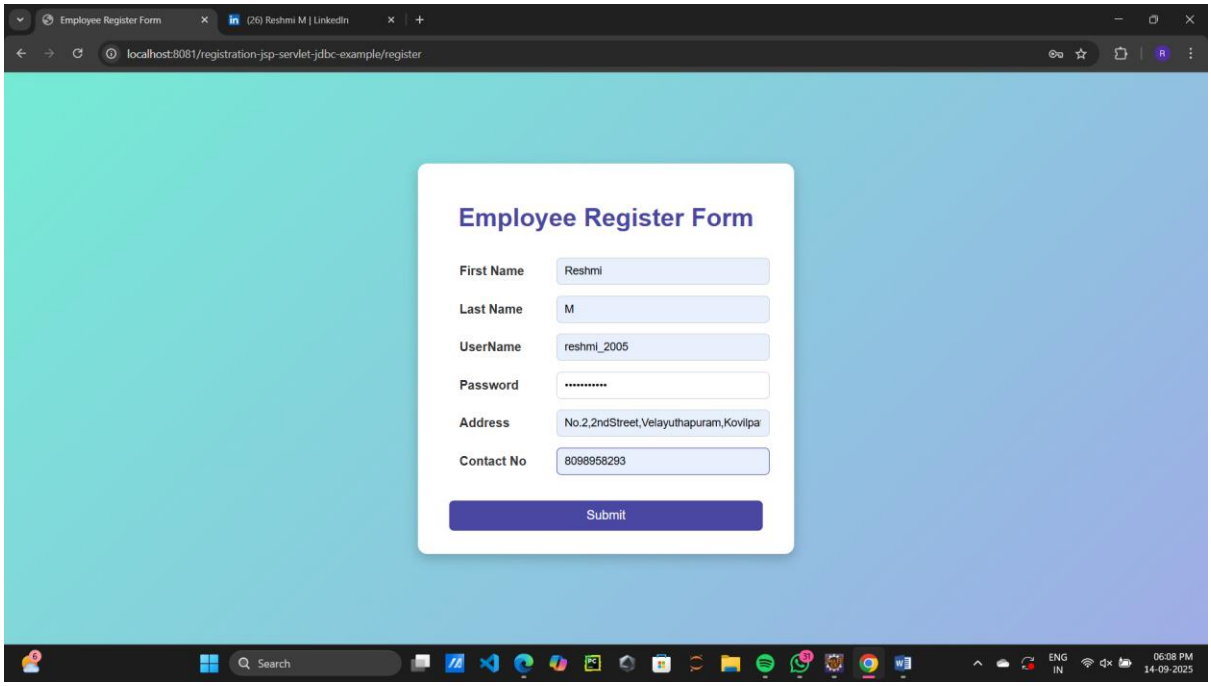
- This project was chosen because it is **simple yet fundamental** to almost all web applications.
- It provides a **practical understanding** of:
  - Handling form inputs in JSP.
  - Validating users using Servlets.
  - Redirecting users based on conditions (login success/failure).
  - Managing sessions for authentication.
- The system is **lightweight, easy to implement, and scalable**, making it a perfect **beginner-friendly project** for learning full-stack Java web development.
- It also builds a strong foundation for **extending features** like password encryption, database integration, and role-based authentication in future projects.

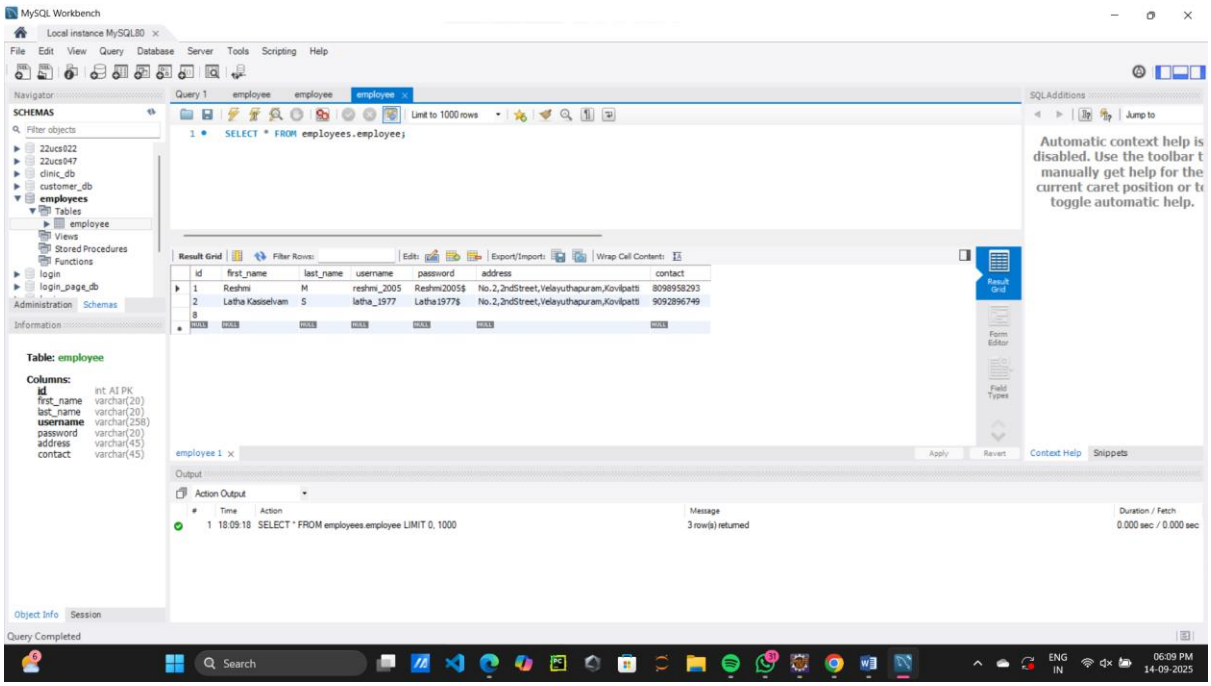

Employee Login
(26) Reshmi M | LinkedIn
localhost:8081/registration-jsp-servlet-jdbc-example/login
Employee Login
Username
Password
Login
Don't have an account? Register
Search
ENG
IN
06:06 PM
14-09-2025


Employee Login
(26) Reshmi M | LinkedIn
localhost:8081/registration-jsp-servlet-jdbc-example/login
Employee Login
Username
reshmi_2005
Password
Login
Don't have an account? Register
Search
ENG
IN
06:07 PM
14-09-2025


Dashboard
(26) Reshmi M | LinkedIn
localhost:8081/registration-jsp-servlet-jdbc-example/dashboard
Welcome, reshmi_2005!
Logout
Search
ENG
IN
06:07 PM
14-09-2025


Employee Register Form
(26) Reshmi M | LinkedIn
localhost:8081/registration-jsp-servlet-jdbc-example/register
Employee Register Form
First Name
Last Name
UserName
Password
Address
Contact No
Submit
Search
ENG
IN
06:07 PM
14-09-2025


Employee Register Form
(26) Reshmi M | LinkedIn
localhost:8081/registration-jsp-servlet-jdbc-example/register
Employee Register Form
First Name
Reshmi
Last Name
M
UserName
reshmi_2005
Password
Address
No.2,2ndStreet,Velayuthapuram,Kovilpa
Contact No
8098958293
Submit
Search
ENG
IN
06:08 PM
14-09-2025


MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
SCHEMAS
employees
Tables
employee
Views
Stored Procedures
Functions
SELECT * FROM employees.employee;
Result Grid
id first_name last_name username password address contact
1 Reshmi M reshmi_2005 Reshmi2005$ No.2,2ndStreet,Velayuthapuram,Kovilpatti 8098958293
2 Latha Kasiselvam S latha_1977 Latha1977$ No.2,2ndStreet,Velayuthapuram,Kovilpatti 9092896749
Table: employee
Columns:
id int AI PK
first_name varchar(20)
last_name varchar(20)
username varchar(258)
password varchar(20)
address varchar(45)
contact varchar(45)
Action Output
1 18:09:18 SELECT * FROM employees.employee LIMIT 0, 1000
3 row(s) returned
0.000 sec / 0.000 sec
Query Completed
Search
ENG
IN
06:09 PM
14-09-2025