

User Registration CRUD Application

This is a simple Java-based User Registration CRUD application that performs Create, Read, Update, and Delete operations using JDBC. The application allows users to register, view a list of all registered users, update user details, and delete users.

Technologies Used

- **Java (JDBC):** The application is built using Java with JDBC for database interaction and CRUD operations.
- **MySQL:** The database used to store user registration data.
- **JSP (JavaServer Pages):** Used for rendering dynamic HTML pages.
- **Servlets:** To handle HTTP requests and manage the flow of data between the front-end and back-end.

Features

- Register a new user
- View a list of all registered users
- Update user details
- Delete a user
- User details include name, email, phone number, date of birth, and address.

Project Setup

Prerequisites

- JDK 8 or higher
- MySQL database
- Maven (for dependency management)

Steps to Run the Application

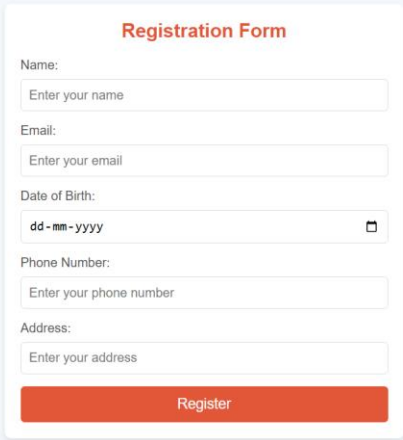
1. Clone the repository.
2. Navigate into the project directory.
3. Configure the Database:
 - Create a database in MySQL with the name “Registration”.
4. Update the database connection settings in the code.
5. Run the application:
 - Deploy the project to a servlet container like Apache Tomcat.
 - Access the application through your browser at <http://localhost:8080/registration-management>.

Project Structure

- **/src/main/java**: Contains the Java source code (Servlets, DAO, and Models).
- **/src/main/webapp/WEB-INF**: Contains JSP files for the front-end.
- **/src/main/resources**: Contains configuration files (e.g., db.properties).
- **/lib**: External libraries used in the project.

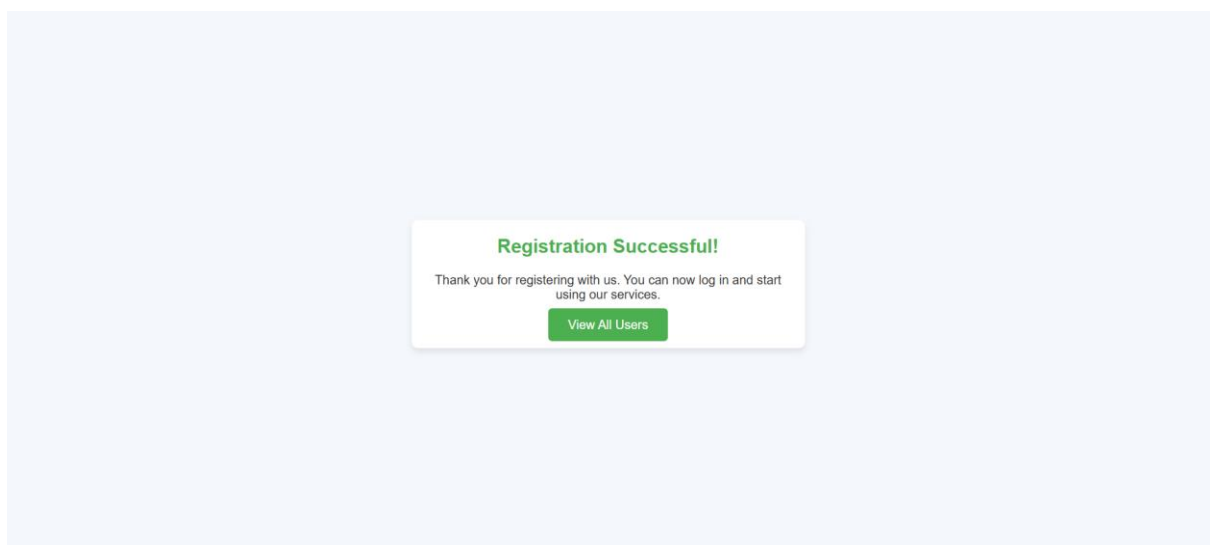
Links

- Link to the project repository: https://github.com/vishalp2341/Registration_CRUD.git



A registration form titled "Registration Form" in red. It contains several input fields: "Name:" with a placeholder "Enter your name", "Email:" with a placeholder "Enter your email", "Date of Birth:" with a placeholder "dd-mm-yyyy" and a calendar icon, "Phone Number:" with a placeholder "Enter your phone number", and "Address:" with a placeholder "Enter your address". At the bottom is a red "Register" button.

Registration page



Registration Success

All Registered Users

Name	Email	Date of Birth	Phone Number	Address	Actions
rock	rock@gmail.com	2002-12-12	1232131313	3123213213	Edit Delete
Mao Zhedong	mao@gmail.com	2002-03-12	9812761	China	Edit Delete
Vishal	sdad@gmail.com	1231-03-12	08867140270	#34 sri lakshmi nivas, munivenkatappa colony	Edit Delete

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Retrieve all user information

Update User

Name:

rock

Email:

rock@gmail.com

Date of Birth:

12 - 12 - 2002

Phone Number:

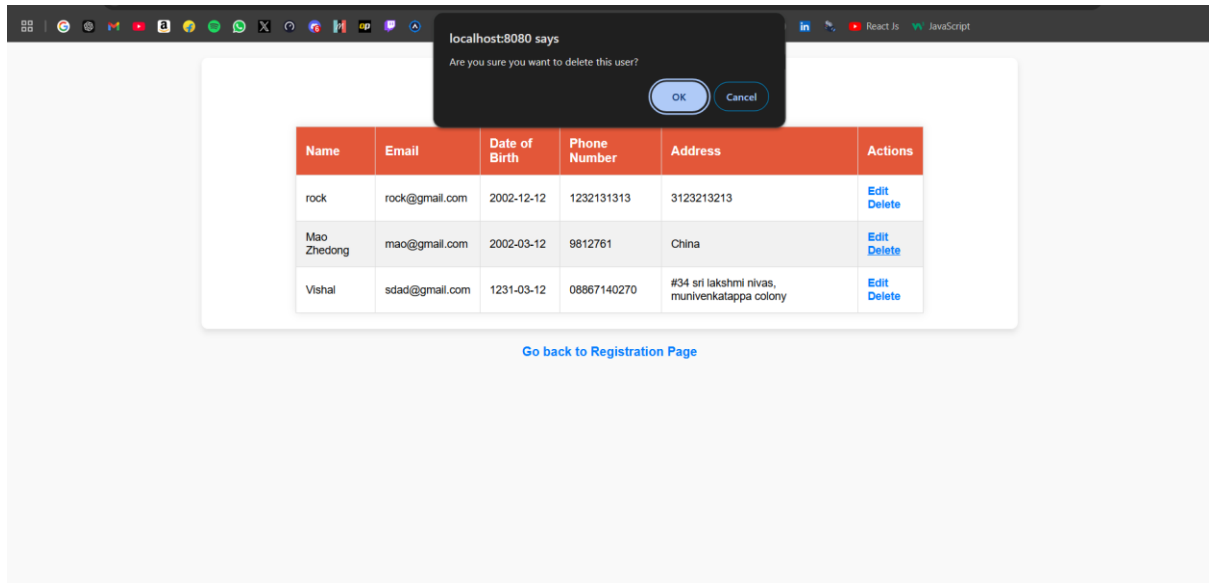
1232131313

Address:

3123213213

Update

Update user information



Delete user information