



A Project Report

On

# School Management System

By

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# Introduction:

Our project explains about the school management. This project mainly explains the various actions related to student and faculty details. This project shows some ease in adding, updating and deleting the student and staff details.

Our Project Includes:-

- Student Module
- Faculty Module

I have developed this Application in **Java, JSP, Servlets and MySQL**. It's a web based projects so I have used HTML, CSS also.

The main feature of the project is to manage the records of Students and Faculty also.

In Faculty module, I create **Curd Operation** where Staff Members can add New Record, Update, and Delete and also View their whole records of the Student and new Faculty also.

In Student module, where Student can see the Students Details and also update the Details.

# Software Requirements:

Front end: Java/J2EE technologies (Servlet, JSP), HTML, CSS, JDBC.

Back end: MySQL.

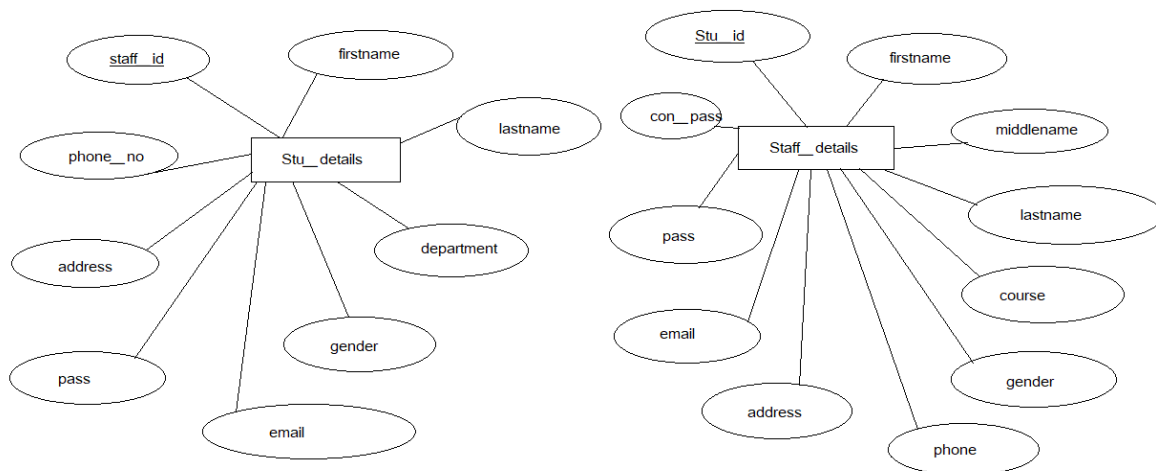
Middleware/Server: Apache Tomcat v9.0.

IDE: Eclipse IDE for Java EE Developers

Browser: Best result on Google Chrome

Operating System: Window XP (Minimum).

## ERD (Entity Relationship Diagram):



# Data Dictionary:

## Table name: Stu\_details

```
CREATE TABLE stu_details (  
    stu_id INT NOT NULL PRIMARY KEY AUTO_INCREMENT,  
    first_name varchar(25),  
    middle_name varchar(25),  
    last_name varchar(25),  
    course varchar(15),  
    gender varchar(20),  
    phone int(10),  
    address varchar(300),  
    email varchar(100),  
    pass varchar(100) );
```

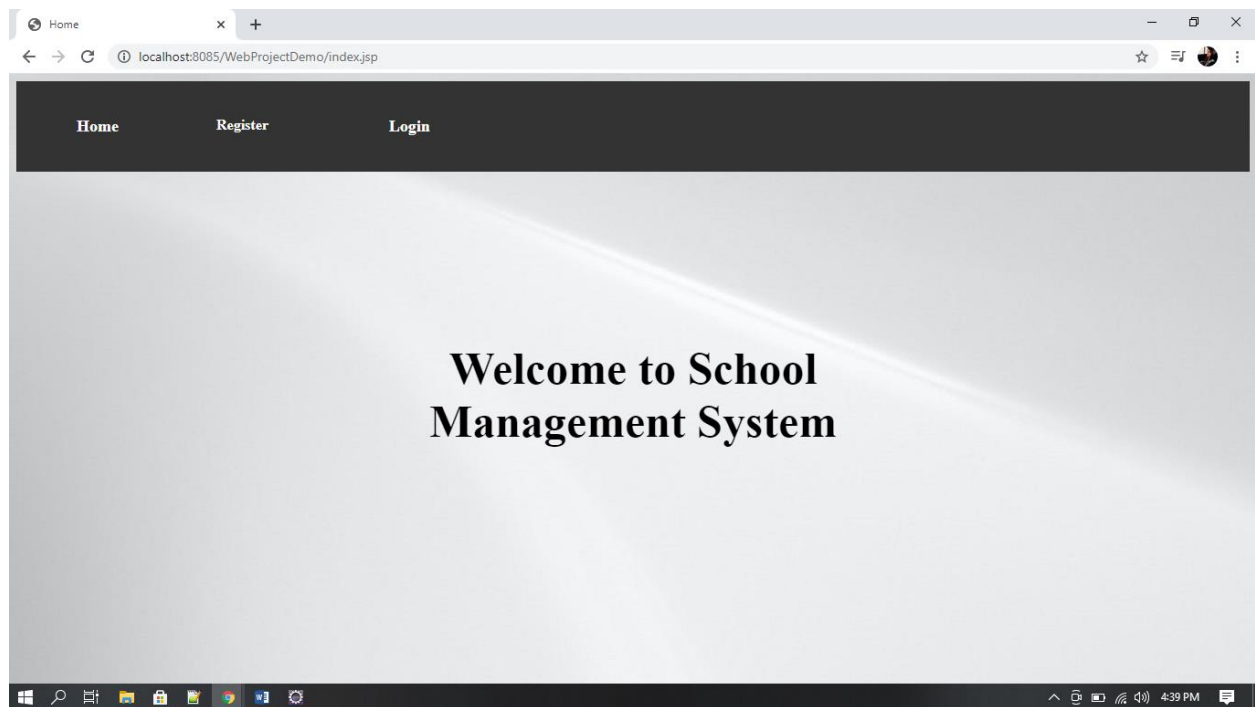
## Table: Staff\_details

```
CREATE TABLE staff_details (
```

```
stu_id INT NOT NULL PRIMARY KEY AUTO_INCREMENT,  
first_name varchar(25),  
last_name varchar(25),  
department varchar(15),  
gender varchar(20),  
email varchar(100),  
pass varchar(100),  
address varchar(300),  
phone_no varchar(10) );
```

## Screenshots :-

### Home Page:-



## Login Page :-

The screenshot shows a web browser window with the address bar displaying 'localhost:8085/WebProjectDemo/login.jsp'. The page has a dark header with navigation links: 'Home', 'Register', and 'Login'. The main content area is split into two columns. The left column is titled 'Student Login Form' and contains fields for 'E-mail:-' and 'Password:-', each with a text input box, and a 'Submit' button. The right column is titled 'Staff Login Form' and contains similar fields for 'E-mail:-' and 'Password:-', each with a text input box, and a 'Submit' button. The background of the forms is a dark, abstract pattern with a green vine-like graphic on the right side.

## Student Registration :-

The screenshot shows a web browser window with the address bar displaying 'localhost:8085/WebProjectDemo/studentRegistration.jsp'. The page has a dark header with navigation links: 'Home', 'Register', and 'Login'. The main content area has a light blue background and is titled 'Student Registration Form'. Below the title is a horizontal line. The form contains the following fields: 'Firstname :-' with a text input box, 'Middlename :-' with a text input box, 'Lastname :-' with a text input box, 'Course :-' with a dropdown menu showing 'Course', and 'Gender :-' with three radio buttons labeled 'Male', 'Female', and 'Other'. The 'Male' radio button is selected. The Windows taskbar is visible at the bottom of the browser window.

Registration

localhost:8085/WebProjectDemo/studentRegistration.jsp

Gender :- ☒ Male ☐ Female ☐ Other

Phone :-  
phone no.

Current Address :-

Email :-  
Enter Email

Password :-  
Enter Password

Re-type Password  
Retype Password

Register

## Staff Registration:-

Register

localhost:8085/WebProjectDemo/registration.jsp

Home Register Login

### Registration Form

FirstName

LastName

Department

Gender

E-mail

Password

Address

Register x +

localhost:8085/WebProjectDemo/registration.jsp

## Registration Form

FirstName

LastName

Department

Gender

E-mail

Password

Address

Phone Number

Submit

## Show Student Details Page:-

Show Records x +

localhost:8085/WebProjectDemo/show.jsp

Home	Insert	Update	Delete Records	Show All Records	Login	Signout
------	--------	--------	----------------	------------------	-------	---------

Student ID	First Name	Middle Name	Last Name	Course	Gender	Phone Number	Address	E-Mail
16	poonam	kumari	jha	MBA	Female	8574256485	jhansi	poonam@gmail.com
28	mohit		kumar	BCA	Male	7548526548	basti	mm@gmail.com



## Show Staff Details Page:-

Show Records

localhost:8085/WebProjectDemo/showStaff.jsp

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Home

Insert

Update

Delete Records

Show All Records

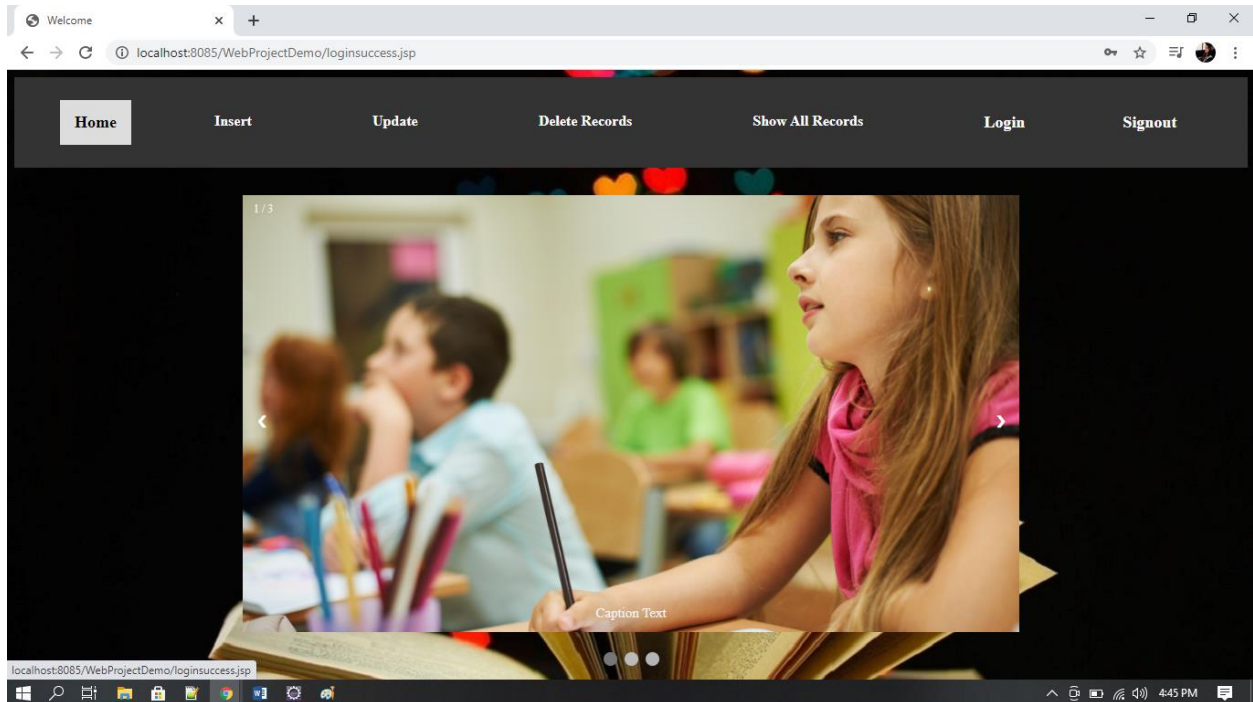
Login

Signout

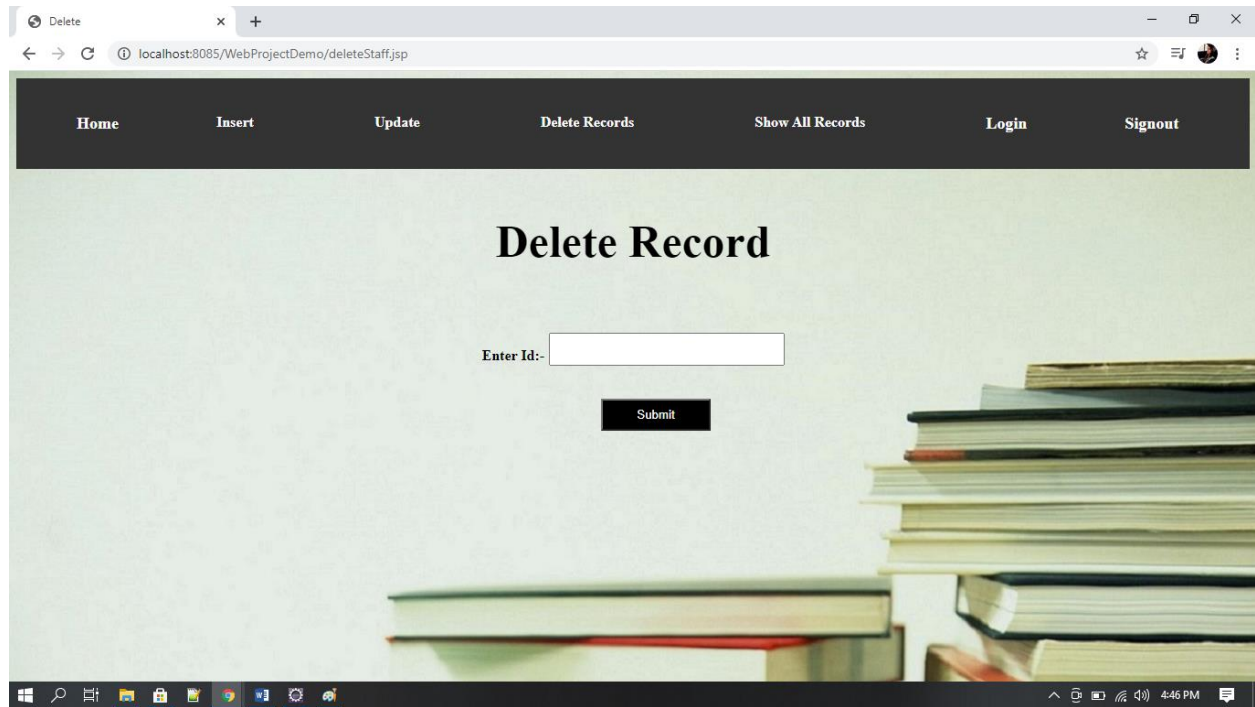
Staff ID	First Name	Last Name	Department	Gender	E-mail	Address	Phone Number
18	mohit	kumar	bca	male	mm@gmail.com	5214632595	punjab
20	kiran	jain	mba	female	kiran@gmail.com	9587425632	nai basti
21	kiran	dhameniya	mca	female	kk22@gmail.com	jhs	5263254152
24	vijay	kumar	mba	male	mk@gmail.com	punjab	7854215485
25	jaya	das	mca	female	jaya@gmail.com	7583032420	pune

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## Home After Login :-



## Delete Staff Page:-



A screenshot of a web browser displaying the 'Delete Staff Page'. The browser's address bar shows 'localhost:8085/WebProjectDemo/deleteStaff.jsp'. The page features a dark navigation bar with links: Home, Insert, Update, Delete Records, Show All Records, Login, and Signout. The main content area has a light green background with a stack of books on the right. The title 'Delete Record' is centered in a large, bold, black font. Below the title, the text 'Enter Id:-' is followed by a white text input field. A black 'Submit' button is positioned below the input field. The Windows taskbar at the bottom shows the time as 4:46 PM.

Delete

localhost:8085/WebProjectDemo/deleteStaff.jsp

Home Insert Update Delete Records Show All Records Login Signout

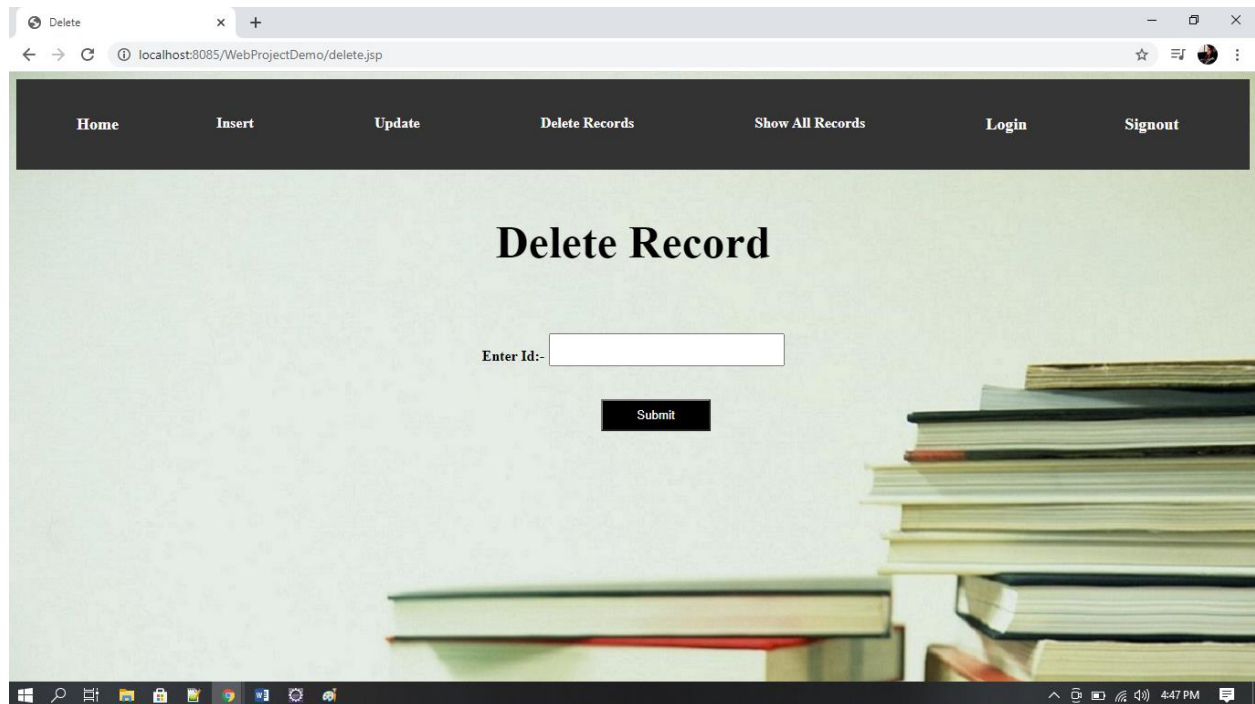
# Delete Record

Enter Id:-

Submit

4:46 PM

## Delete Student Details Page:-



A screenshot of a web browser displaying the 'Delete Student Details Page'. The browser's address bar shows 'localhost:8085/WebProjectDemo/delete.jsp'. The page features a dark navigation bar with links: Home, Insert, Update, Delete Records, Show All Records, Login, and Signout. The main content area has a light green background with a stack of books on the right. The title 'Delete Record' is centered in a large, bold, black font. Below the title, the text 'Enter Id:-' is followed by a white text input field. A black 'Submit' button is positioned below the input field. The Windows taskbar at the bottom shows the time as 4:47 PM.

Delete

localhost:8085/WebProjectDemo/delete.jsp

Home Insert Update Delete Records Show All Records Login Signout

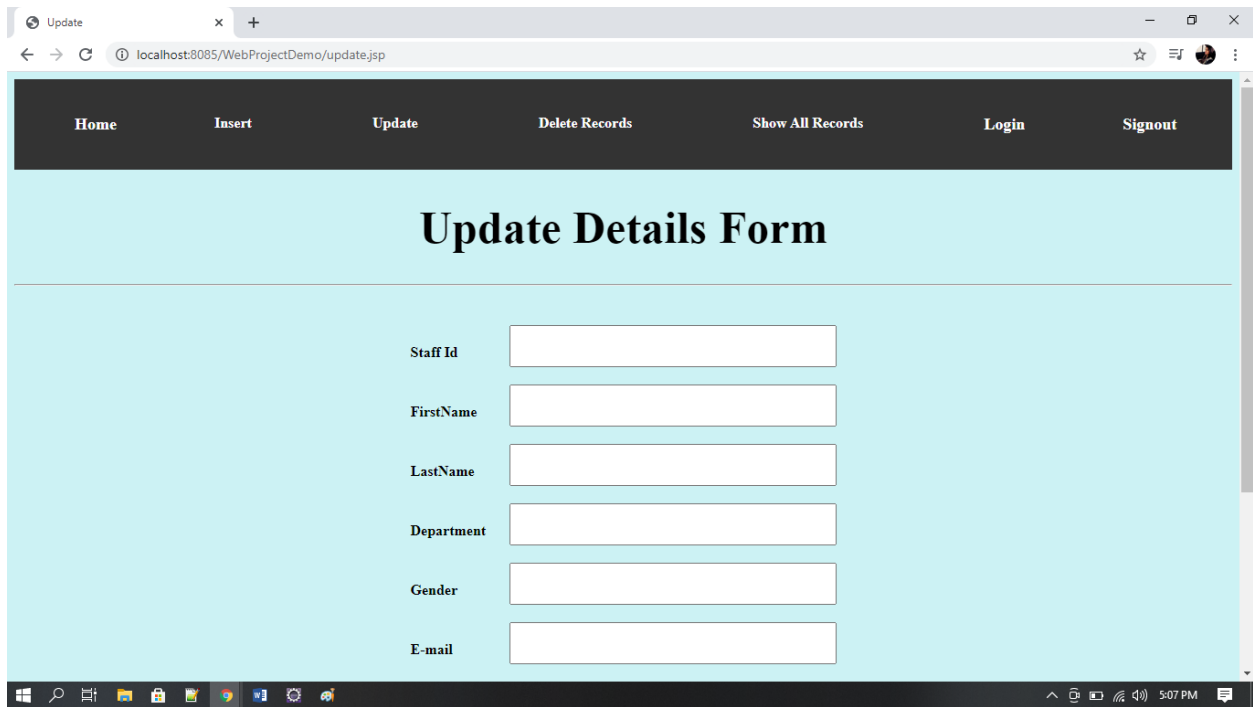
# Delete Record

Enter Id:-

Submit

4:47 PM

# Update Staff Details Page:-



A screenshot of a web browser displaying the 'Update Staff Details Form' page. The browser's address bar shows 'localhost:8085/WebProjectDemo/update.jsp'. The page has a dark navigation bar with links: Home, Insert, Update, Delete Records, Show All Records, Login, and Signout. The main content area has a light blue background and is titled 'Update Details Form'. It contains a form with the following fields: Staff Id, FirstName, LastName, Department, Gender, and E-mail. Each field is represented by a text label followed by an empty input box. The Windows taskbar is visible at the bottom, showing the time as 5:07 PM.

Update

localhost:8085/WebProjectDemo/update.jsp

Home Insert Update Delete Records Show All Records Login Signout

## Update Details Form

Staff Id

FirstName

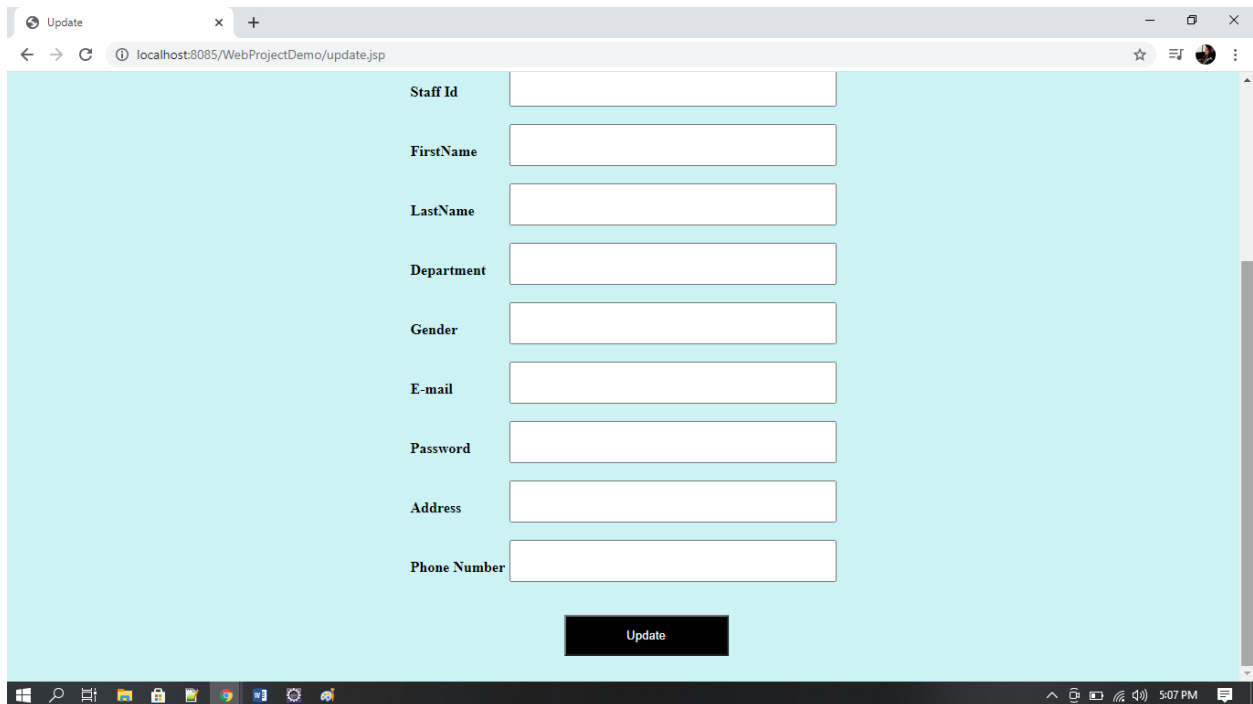
LastName

Department

Gender

E-mail

5:07 PM



A screenshot of the same web browser displaying the 'Update Staff Details Form' page, but with additional fields. The browser's address bar shows 'localhost:8085/WebProjectDemo/update.jsp'. The page has a dark navigation bar with links: Home, Insert, Update, Delete Records, Show All Records, Login, and Signout. The main content area has a light blue background and is titled 'Update Details Form'. It contains a form with the following fields: Staff Id, FirstName, LastName, Department, Gender, E-mail, Password, Address, and Phone Number. Each field is represented by a text label followed by an empty input box. At the bottom of the form is a black 'Update' button. The Windows taskbar is visible at the bottom, showing the time as 5:07 PM.

Update

localhost:8085/WebProjectDemo/update.jsp

Home Insert Update Delete Records Show All Records Login Signout

## Update Details Form

Staff Id

FirstName

LastName

Department

Gender

E-mail

Password

Address

Phone Number

Update

5:07 PM

## Update Student Details Page:-

Update

localhost:8085/WebProjectDemo/updateStu.jsp

Home Insert Update Delete Records Show All Records Login Signout

### Update Students Details

Student Id :-

Student Id

Firstname :-

Firstname

Middlename :-

Middlename

Lastname :-

Lastname

Update

localhost:8085/WebProjectDemo/updateStu.jsp

Course :- Course

Gender :- ☒ Male ☐ Female ☐ Other

Phone :-

phone no.

Current Address :-

Email :-

Enter Email

Password :-

Enter Password

Re-type Password

Retype Password

Update

## Home After Student Login:-

