CALIFORNIA STATE UNIVERSITY

FULLERTON

Graduate Programming Project

NOTEBOOK

By

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(MS In Computer Science)

For

CPSC 546 – Backend Java Enterprise

Prepared for

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California State University, Fullerton

December 7th, 2016

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1. Introduction

The aim of my project is to make a **Notebook** where the users can write their daily notes and can keep the records of it. Today as all of them are so busy with something or the other work, this application will help to keep track of everything so that they wont forget the important task that needs to be done. These Application

gives the users the flexibility of adding, deleting and updating their notes accordingly.

2. Technologies used

The following are the technologies used for developing the application:

Client Side: JSF (Java server Faces)

Server Side: Java EE 7.0

Database: Oracle 11g Express Edition

JDK: 1.8.0

3. Steps to install and run the application

1. The first thing needed to run this application is we need oracle 11g Express Edition set up for the database of this application.

2. You will have to create a database with the name **notebook** and password as **notebook** after logging with your system account.

3. Once the account is created then you will have to create 2 tables one for the User which will be used for signing and registration of the user. And other table will be RecordEntries which will keep the Notes of each user. You can refer these sql commands given in the file tables.sql.
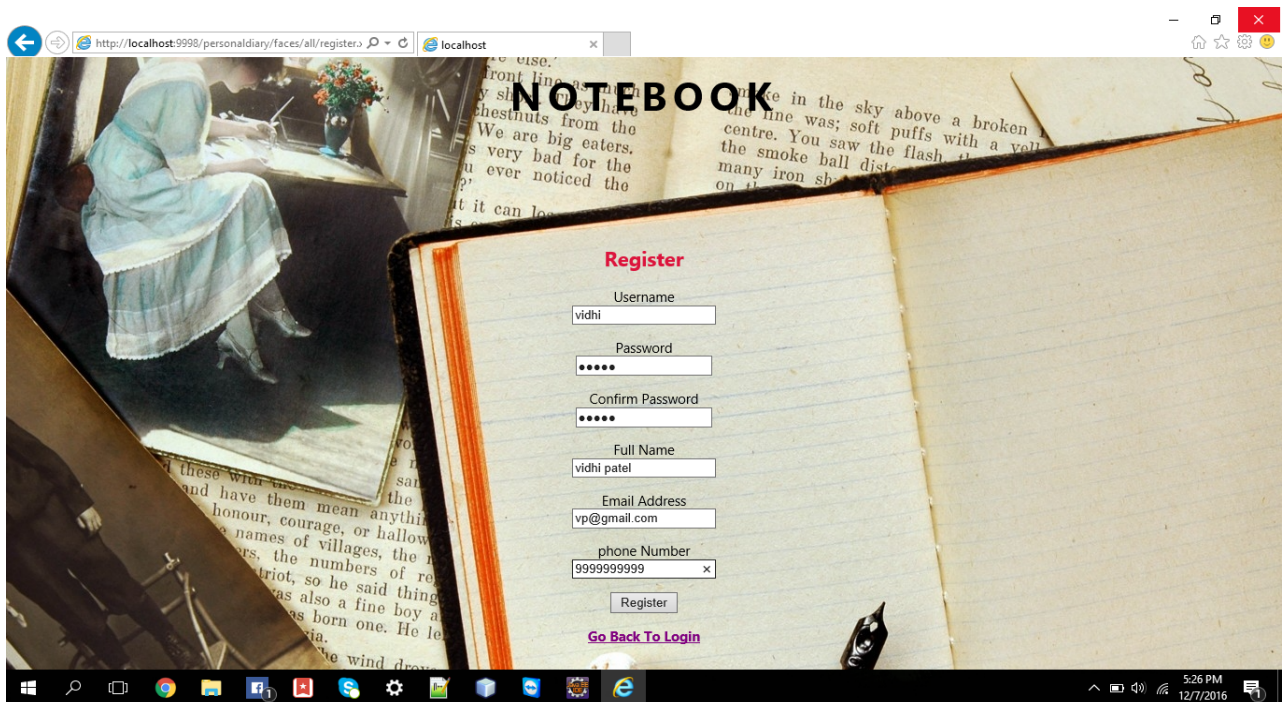
4. Once the Database is created. You will have to change the port of the Oracle Server as oracle will be running on the same port as that of apache Tomcat Server.

5. Copy the NOTEBOOK.war file in the apache tomcat web apps folder

6. Go to the bin folder in the apache tomcat and open command prompt and hit startup.bat

7. Goto web browser and hit the url localhost:8080/NOTEBOOK.war

8. You will have to Register first and then you can login so that you can perform all the functionalities.

Functionalities

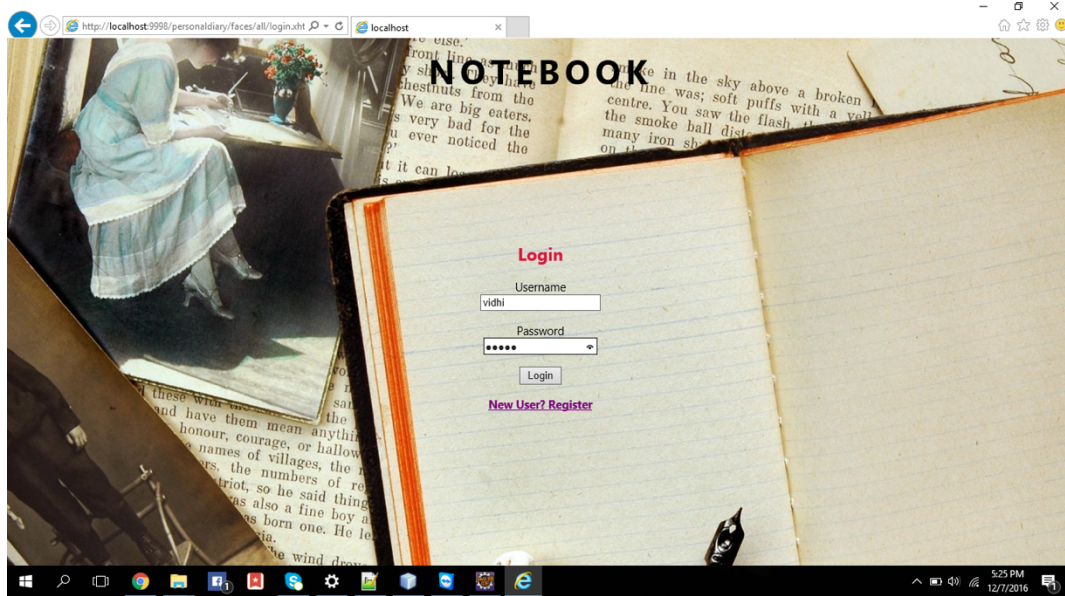The website allows the following things to be performed on the notebook:

a. Register

The very first thing user will need to add the notes is to signup and create an account. Hence when

user clicks on the register tab, the data will be sent to the user database using the User.java and
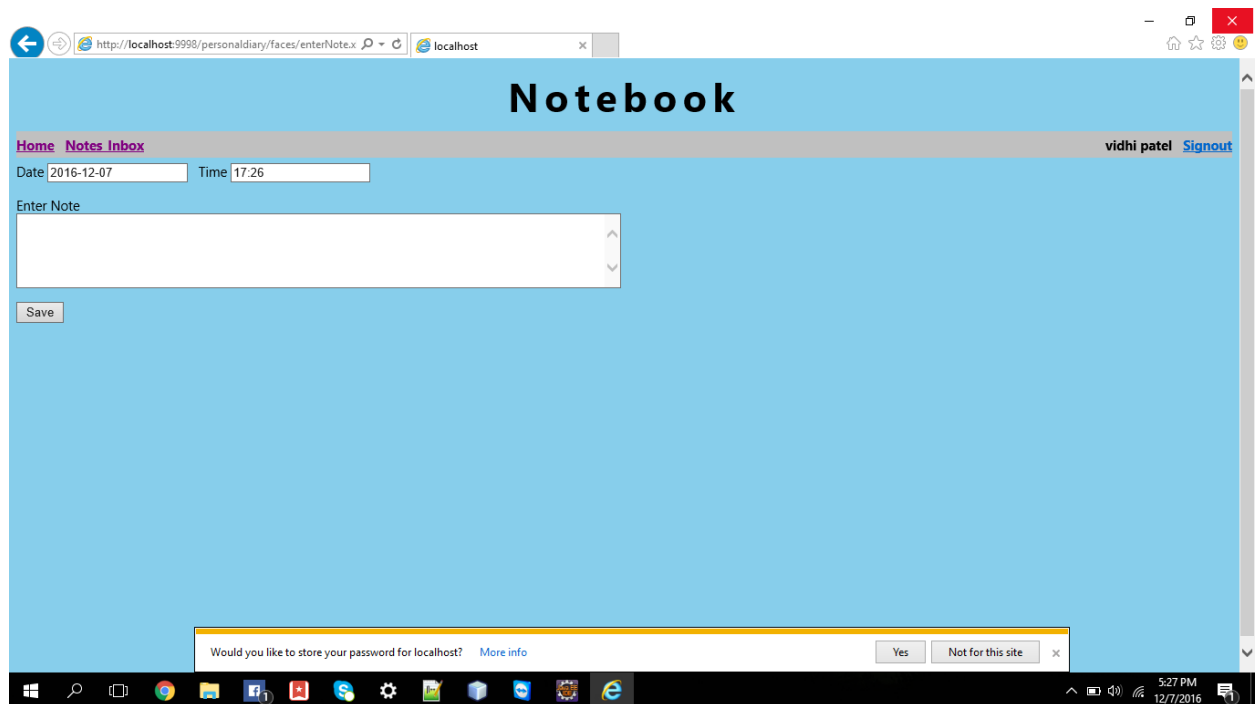
UserDAO.java

b. Login

Once the user is registered, you can login using the username and password. The credentials of the

user will be checked by the User.java and UserDAO.java. If the credentials are correct then he will be

routed to enterNote.xhtml page where he will be able to add the records.
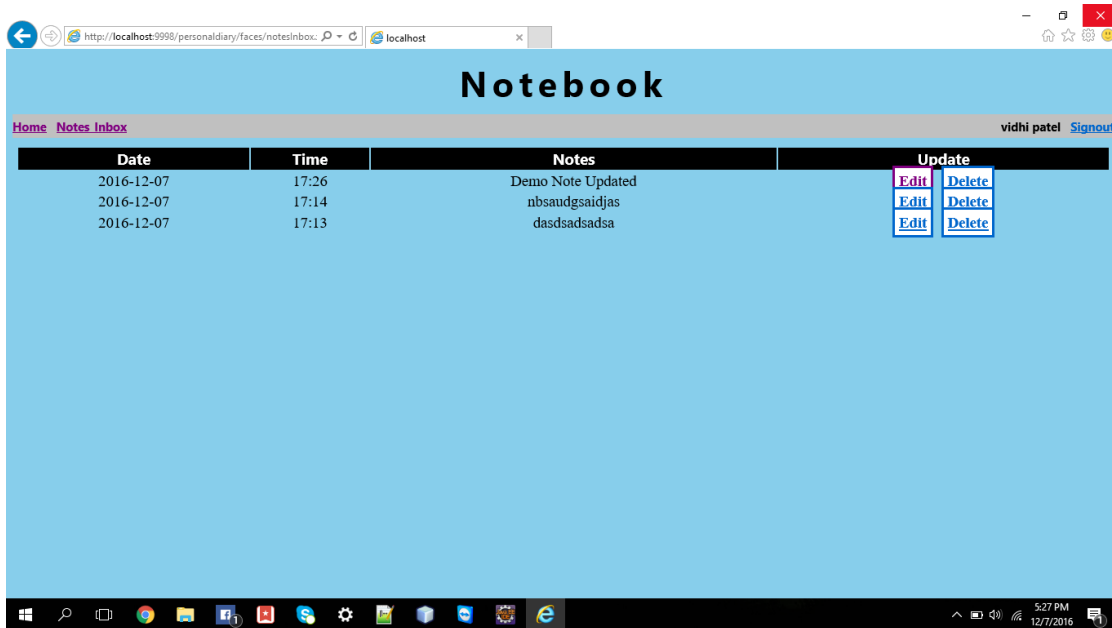
c. Add Notes

Once the user has logged in he can add the notes which he wants to save it. These notes will be

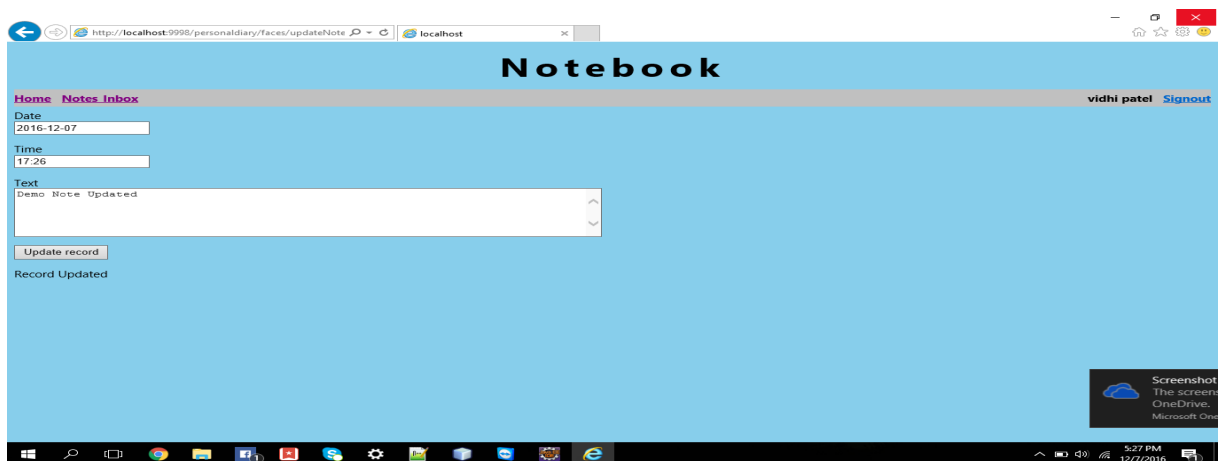saved to the oracle database using Record.java and RecordDAO.java

d. List the Notes

User can click on the Notes_inbox pages which will route to notesInbox.xhtml page which will

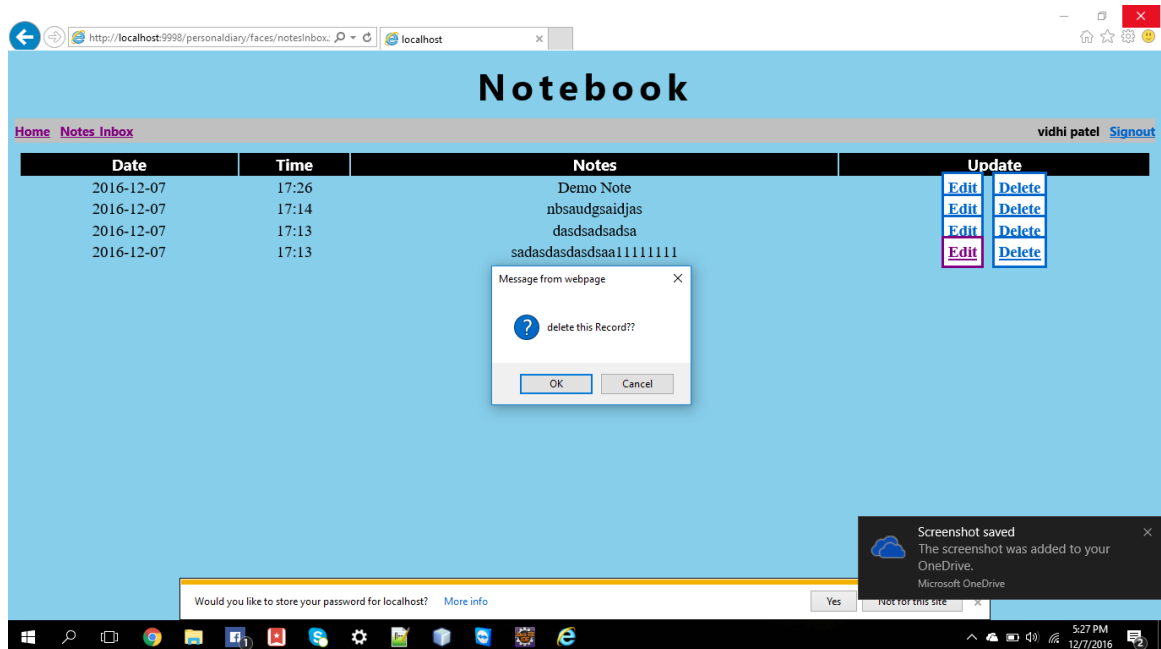display him the list of all the notes using Record.java and RecordDAO.java

e. Edit and Delete the record

User can edit the record by clicking on the edit button which will route him to update Note.xhtml.

He can then update the notes. This will be done through Record.java and RecordDAO.java. The

user can also delete the note by clicking on the delete button.

Note:

Did no use maven build as the maven architypes were not compatible with each other.

When trying to create a project with a artifact id got error could not create project with this artifact id.