

EduBridge



A
Project Report
On
eNotes

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Introduction

The eNotes is a web based project in which a user can take notes and store it online. This project is developed using Java, JSP, Servlet, and MySQL. Since it is a web based project, it also uses HTML, CSS and Bootstrap. It uses CRUD operations where a user can create notes, read the notes, edit or update the notes and delete the notes.

Software Requirements

Front End : Java/J2EE Technologies(JSP, Servlet), HTML, CSS, JDBC.

Back End : MySQL

Middleware/Server : Apache Tomcat v7.0

IDE : Eclipse IDE for Java EE Developers

Browser : Best result on Google Chrome.

Data Dictionary

DataBase : enotes

```
CREATE DATABASE `enotes`;  
use enotes;
```

Table Name: users

```
CREATE TABLE `user` (  
  `id` int(11) NOT NULL AUTO_INCREMENT,  
  `name` varchar(200) NOT NULL,  
  `email` varchar(200) NOT NULL,  
  `password` varchar(200) NOT NULL,
```

PRIMARY KEY (`id`)

) ENGINE=InnoDB AUTO_INCREMENT=12 DEFAULT CHARSET=utf8;

Table Name: post

CREATE TABLE `post` (

`id` int(11) NOT NULL AUTO_INCREMENT,

`title` varchar(200) NOT NULL,

`content` varchar(5000) NOT NULL,

`date` timestamp NULL DEFAULT CURRENT_TIMESTAMP,

`uid` int(11) DEFAULT NULL,

PRIMARY KEY (`id`),

KEY `uid_idx` (`uid`),

CONSTRAINT `uid` FOREIGN KEY (`uid`) REFERENCES `user` (`id`) ON
DELETE CASCADE ON UPDATE CASCADE

) ENGINE=InnoDB AUTO_INCREMENT=21 DEFAULT CHARSET=utf8;

Module and descriptions:

The user module consists of the following :

1. eNotes index page.

This is the first page where a user can register or login .

2. Registration Page.

If the user is new then they need to register by clicking the register button in the index page.

3. Login Page.

If the user has already registered they can login using the registered id.

4. Home Page.

After logging in the user can add new notes or see the notes that already exists.

5. AddNotes page.

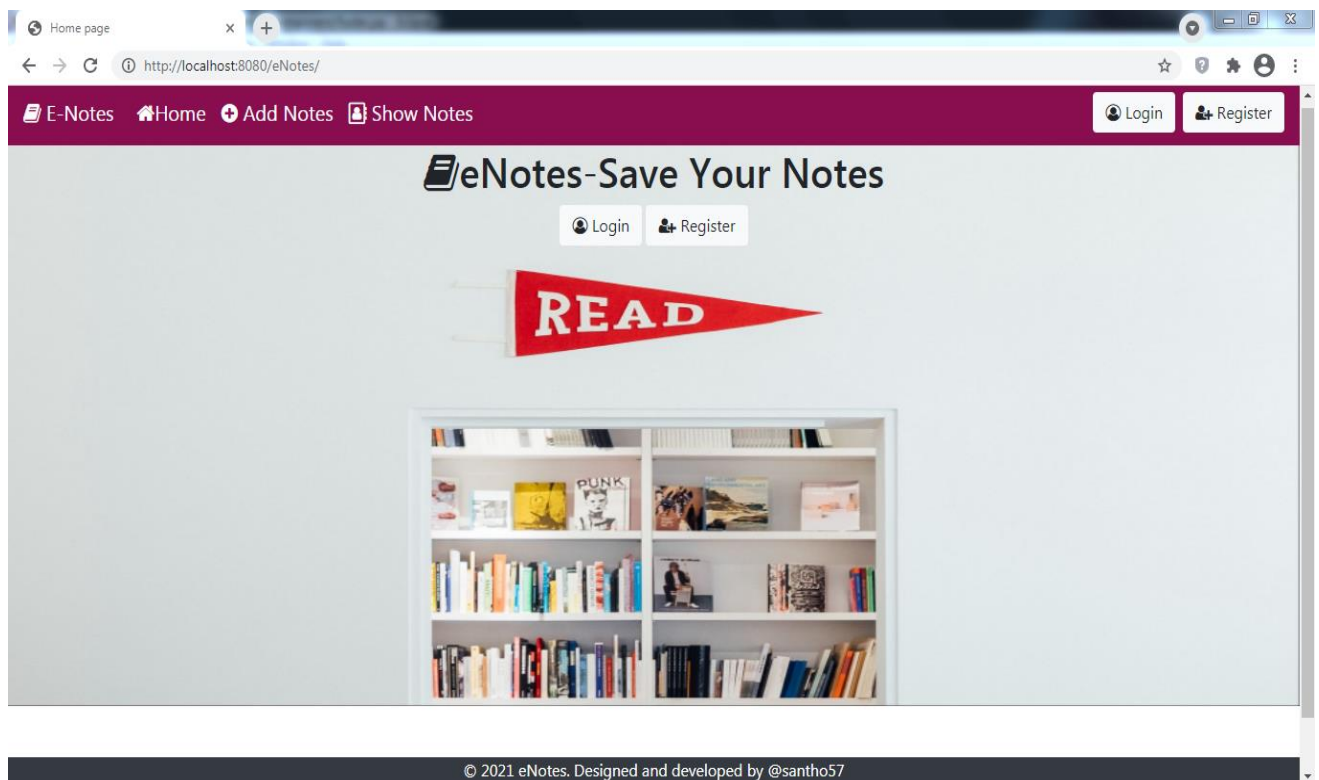
This is where the user can create new notes by giving the title.

6. ShowNotes page.

This is where the user can see, edit or delete the notes that is already saved.

Screenshots

i. Index page



ii. Registration page

The screenshot shows a web browser window with the address bar displaying `http://localhost:8080/eNotes/register.jsp`. The page has a dark purple header with navigation links: [E-Notes](#), [Home](#), [Add Notes](#), and [Show Notes](#). On the right side of the header are buttons for [Login](#) and [Register](#). The main content area features a registration form with a purple header containing a user icon and the word "Registration". The form includes three input fields: "Enter Full Name" (containing "Santhosh"), "Enter Email" (containing "santho@demo.com"), and "Enter Password" (containing four dots). A blue "Register" button is at the bottom of the form. The footer is dark grey with the text "© 2021 eNotes. Designed and developed by @santho57".

Register page

[E-Notes](#) [Home](#) [Add Notes](#) [Show Notes](#) [Login](#) [Register](#)

Registration

Enter Full Name
Santhosh

Enter Email
santho@demo.com

Enter Password
....

Register

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iii. Login page

The screenshot shows a web browser window with the address bar displaying `http://localhost:8080/eNotes/login.jsp`. The page has a dark purple header with navigation links: [E-Notes](#), [Home](#), [Add Notes](#), and [Show Notes](#). On the right side of the header are buttons for [Login](#) and [Register](#). The main content area features a login form with a purple header containing a user icon and the word "Login". The form includes two input fields: "Enter Email" (containing "santho@demo.com") and "Enter Password" (containing four dots). A blue "Login" button is at the bottom of the form. The footer is dark grey with the text "© 2021 eNotes. Designed and developed by @santho57" and "Keep learning".

Login page

[E-Notes](#) [Home](#) [Add Notes](#) [Show Notes](#) [Login](#) [Register](#)

Login

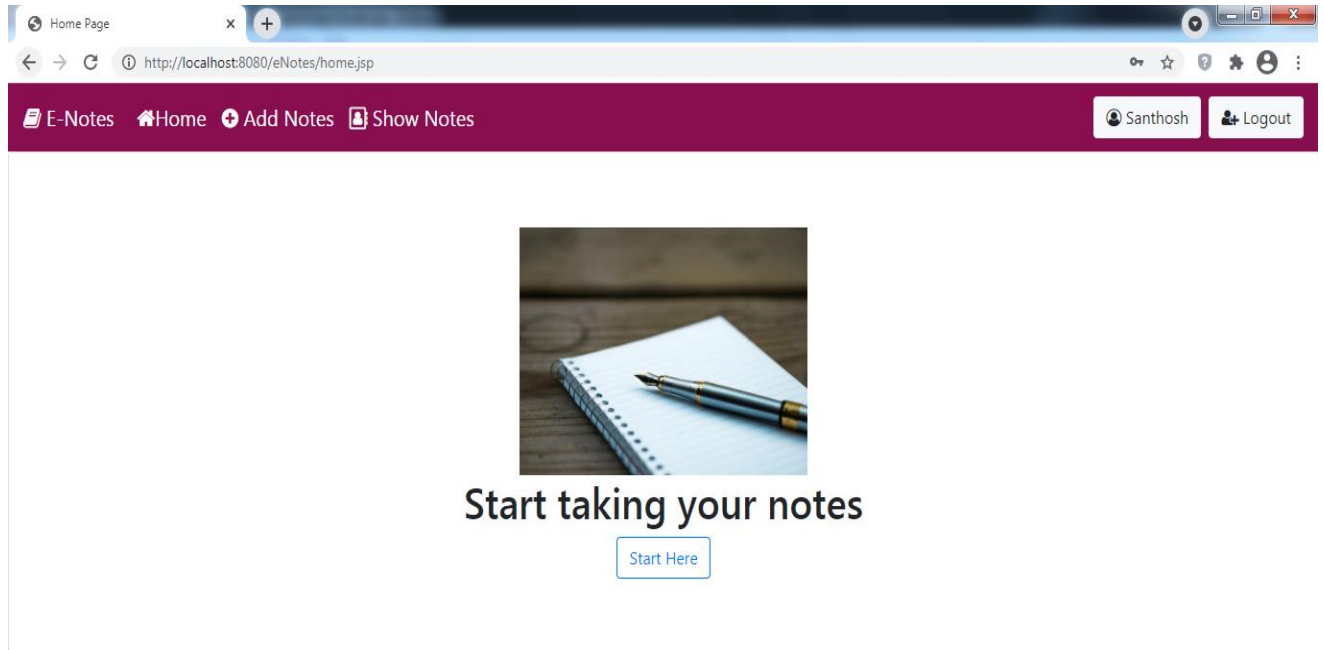
Enter Email
santho@demo.com

Enter Password
....

Login

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iv. Home page of user login



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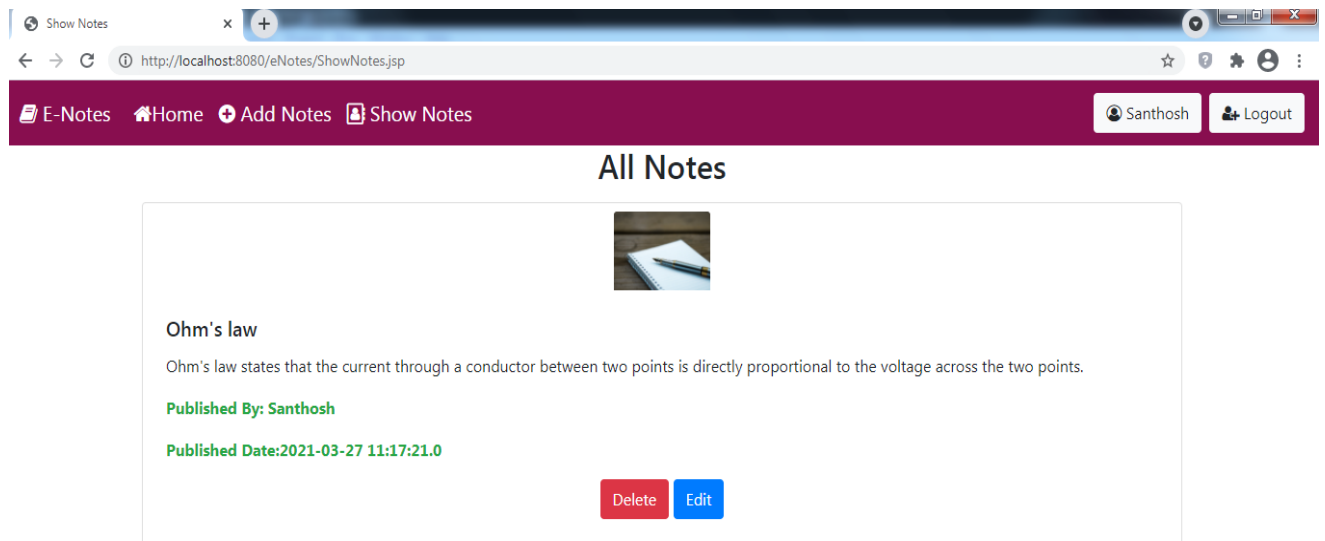
v. Add Notes page

A screenshot of a web browser displaying the Add Notes page of the eNotes application. The browser's address bar shows the URL "http://localhost:8080/eNotes/Addnotes.jsp". The page has a dark red header bar with navigation links: "E-Notes", "Home", "Add Notes", and "Show Notes". On the right side of the header, there are buttons for "Santhosh" and "Logout". The main content area features the heading "Add Your Notes" in a large, bold font. Below the heading, there are two input fields: "Enter Title" and "Enter Content". The "Enter Title" field contains the text "Ohm's law". The "Enter Content" field contains the text "Ohm's law states that the current through a conductor between two points is directly proportional to the voltage across the two points.". Below the input fields, there is a blue button labeled "Add".

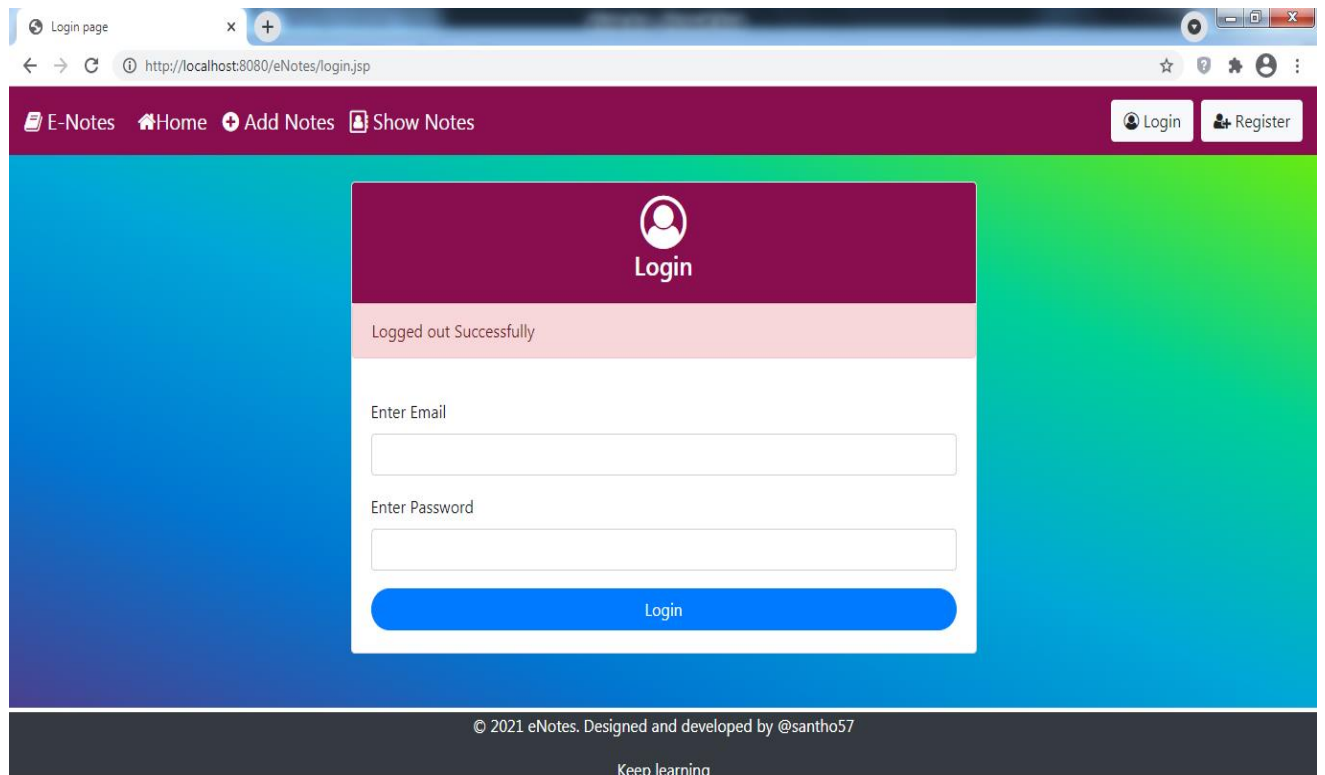
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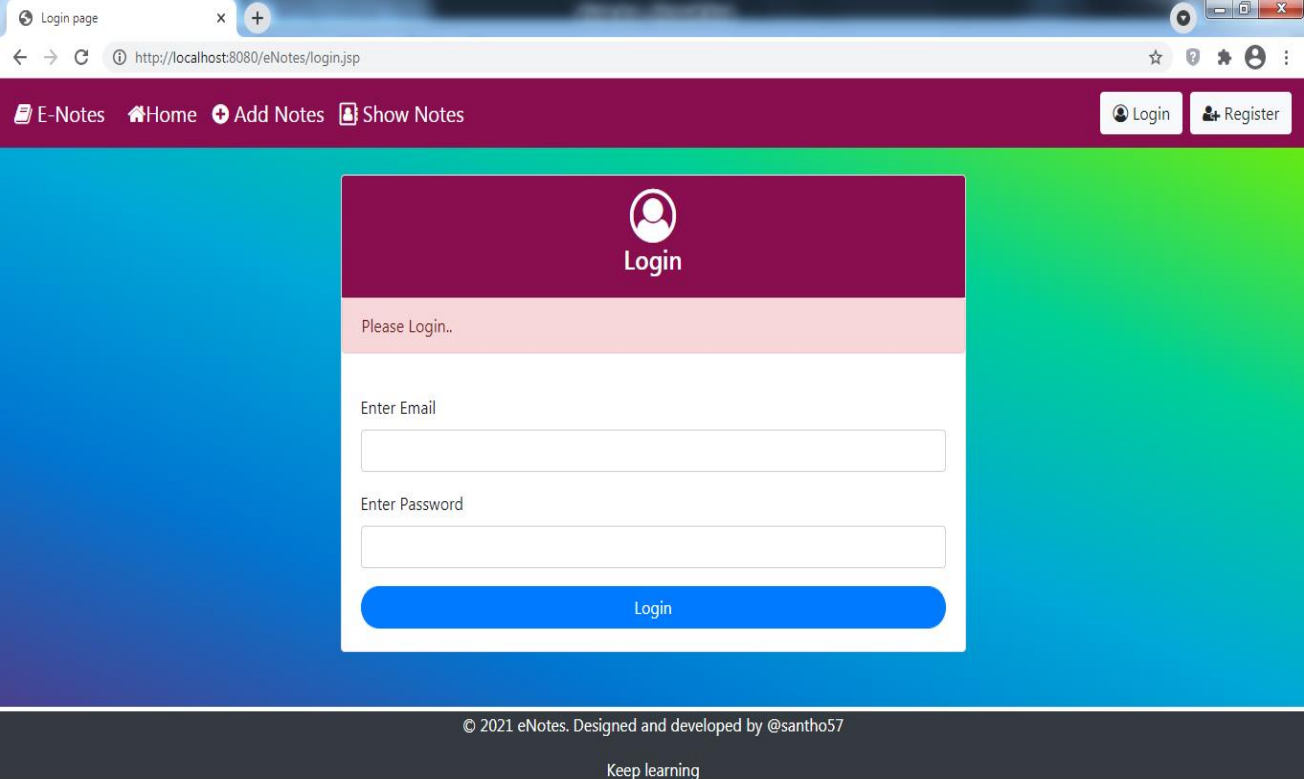
vi. Show Notes page (where the user can edit or delete the notes)



vii. After clicking logout (it redirects to the login page)



viii. If anyone try to access the previous page it asks them to login as shown below



The screenshot shows a web browser window with the address bar displaying `http://localhost:8080/eNotes/login.jsp`. The page has a dark purple header with navigation links: [E-Notes](#), [Home](#), [Add Notes](#), and [Show Notes](#). On the right side of the header are [Login](#) and [Register](#) buttons. The main content area has a blue-to-green gradient background. In the center is a white login form with a purple header containing a user icon and the word "Login". Below this is a pink bar with the text "Please Login..". The form includes two input fields: "Enter Email" and "Enter Password", followed by a blue "Login" button. The footer is dark gray and contains the text "© 2021 eNotes. Designed and developed by @santho57" and "Keep learning".