ITMD 562 – Note Taking Application(SQLite Database)

Assignment 3

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Project Description:

This project created provides a basic view of an note taking application where a user can perform basic CRUD operation i.e Create , Read , Update and Delete. Apart from this the application also contains basic validation from which when a user while creating the note forgets or leaves the input area empty he is prompted with an validation message regarding the required field area.

The Login page consists of Username and password , the password is provided using hashing which is hardcoded .The Username and password remains stored in the session until the user logouts from the session .

After successful login the user is directed to the index page where he can either view the notes or add the notes.

The note taking application contains three input area namely the subject , the body / note and the author . The Subject and Author are meant to be validated.

The data is stored in SQLite database which can be accessed either by using DB browser for SQLite or through addon on Mozilla firefox.

Once the data has been entered the user is prompted with message and the input is displayed as a confirmation page . The user can see all the data by clicking the view button on the index page. For deletion of the note, the user can click on the particular subject and can delete the note and is prompted with a confirmation whether the user wants to delete the note or not.

Development Environment

OS : Windows 10, PHP Version 5.6.8

IDE : PHPStorm

Database: SQLite

Insights & Results

Used basic validation and introduced bootstrap as an add on for the form. Provided basic HTML and CSS for the form.

Challenges

Recreating environment in PHPstorm was pretty much confusing. Intoduction to datetime stamp was time consuming .

References –
Professors videos and notes, PHP Documentation, Stack Overflow and w3schools.com. Assignment 2.
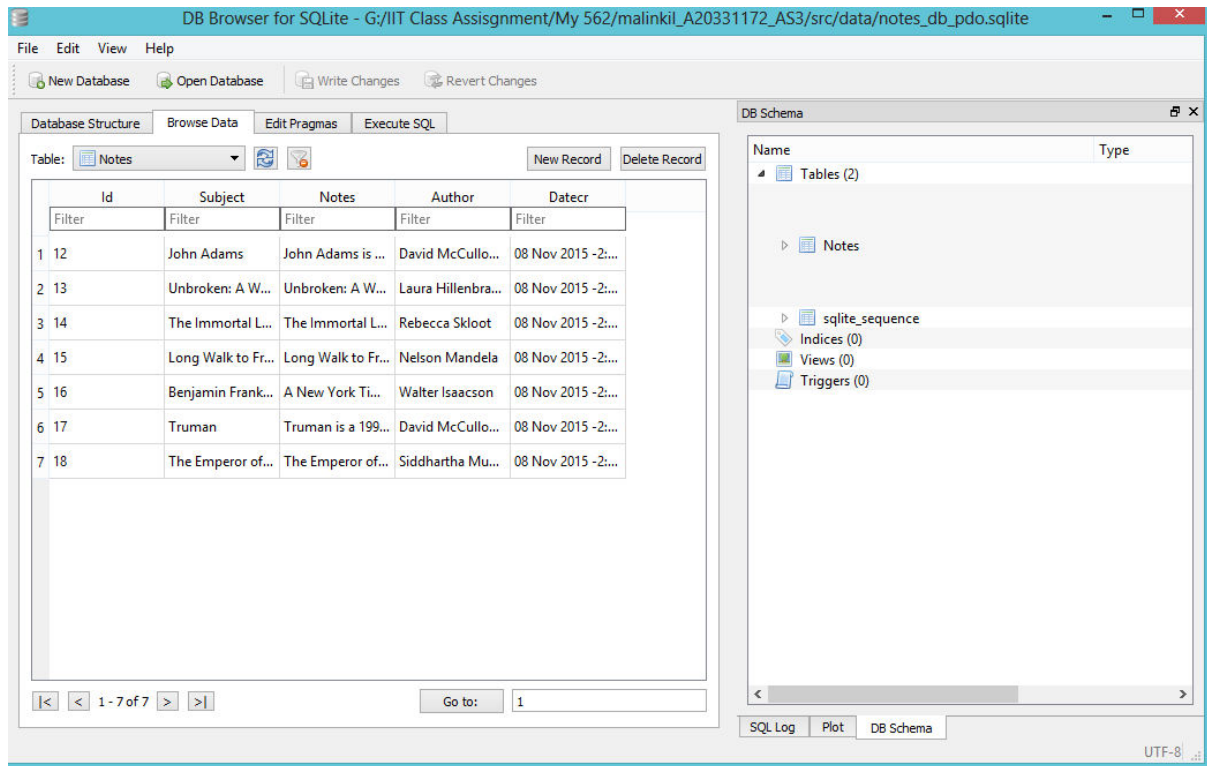
Test Results:

Please use the below URL for testing the project in your environment.

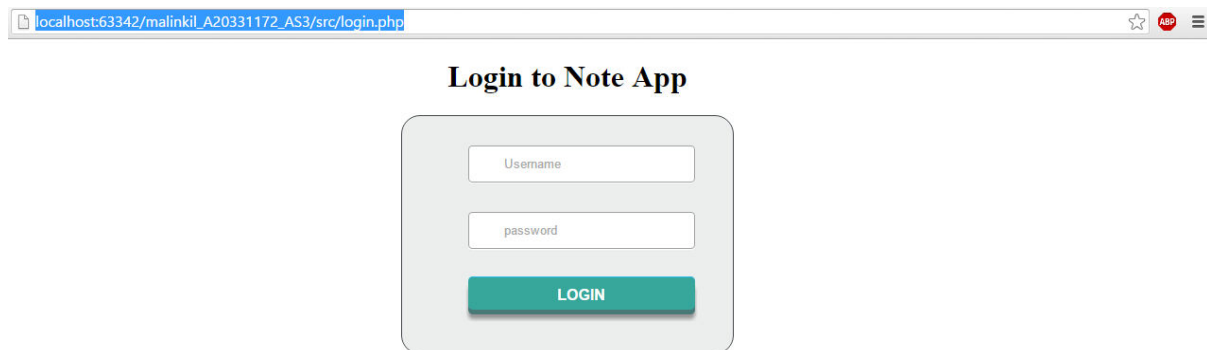**http://localhost:63342/malinkil_A20331172_AS3/src/**

Credentials : Username : Mithun   Password : php562

Snapshots :

SQLite Database:

Login.php

Invalid Login

Login to Note App

Username

password

LOGIN

Invalid Details

Index.php

ITMD562 Assignment 3 !

Mithun Alinkil

Add Notes   View Notes

Sunday November 08, 2015 - 03:41:50 pm

Logout

Add Notes:

Add New Notes below

Your Subject Line:

Add your Notes here:

Add your author:

Submit   **Back to home page**

View.php

Notes Created see Below

Back to homepage

ID	Subject	Notes	Author	Count	Created/Updated Date	
11	Steve Jobs - Inventor	Steve Jobs co-founded Appl...	Walter Isaacson	147	08 Nov 2015 -2:11:52 PM	view
12	John Adams	John Adams is a 2001 biogr...	David McCullough	200	08 Nov 2015 -2:13:10 PM	view
13	Unbroken: A World War II S...	Unbroken: A World War II S...	Laura Hillenbrand	182	08 Nov 2015 -2:15:28 PM	view
14	The Immortal Life of Henrie...	The Immortal Life of Henriet...	Rebecca Skloot	214	08 Nov 2015 -2:16:36 PM	view
15	Long Walk to Freedom: Th...	Long Walk to Freedom is a...	Nelson Mandela	226	08 Nov 2015 -2:24:27 PM	view
16	Benjamin Franklin: An Amer...	A New York Times Bestselle...	Walter Isaacson	203	08 Nov 2015 -2:26:15 PM	view

Show.php

Details

Subject: Steve Jobs - Inventor

Notes: Steve Jobs co-founded Apple Computers with Steve Wozniak. Steve Jobs was born in San Francisco, California, on February 24, 1955, to two University

Author: Walter Isaacson

Date: 08 Nov 2015 -2:11:52 PM

Edit Note

Delete Note

Back to List

EditNote.php

Edit Notes below

Edit Note

Your Subject Line:

Steve Jobs

Add your Notes here:

Steve Jobs co-founded App

Add your author:

Walter Isaacson

Save Note Back to Note List

DeleteNote with confirm.php

Do You want to delete this note

Subject: Steve Jobs

Notes: Steve Jobs co-founded Apple Computers with Steve Wozniak. Steve Jobs was born in San Francisco, California, on February 24, 1955, to two University

Author: Walter Isaacson

Date: 08 Nov 2015 -2:52:25 PM

Yes No

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