

NAME: Malak Desai

EMAIL: mdesai13@hawk.iit.edu

CLASS: ITMD-562 – PROJECT3

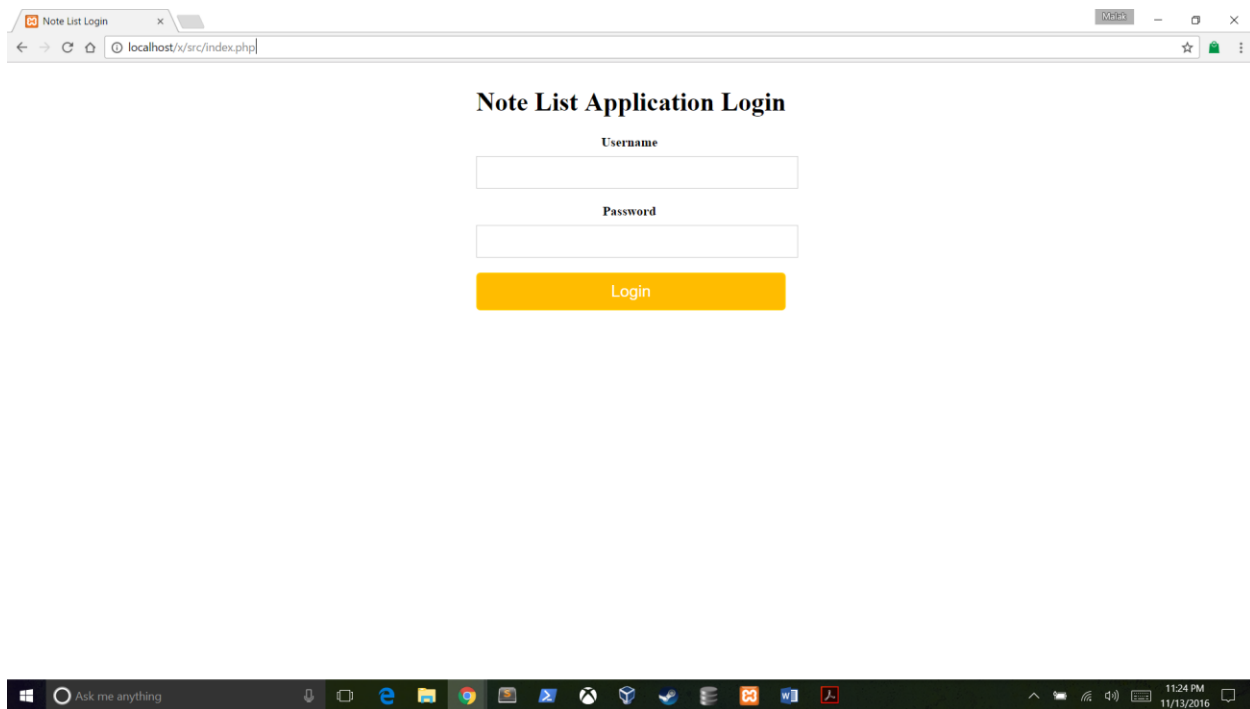
Project Description: The objective of this assignment is to make a PHP application that allows the user to create, edit, view, or delete a note. The assignment is like a note taking app you may have used on your phone or other devices. There will be a page that lists all the notes, from there the user can view, add, edit, or delete any note. You will be using a SQLite database to store the persistent data.

Development Environment: The system that I used for running this project runs on Intel core i7 Windows 10 operating system with 8 GB RAM and 4 GB NVIDIA GEFORCE graphic card. I used Xampp which is a free and open source cross-platform web server solution stack package developed by Apache Friends, consisting mainly of the Apache HTTP Server, MariaDB database, and interpreters for scripts written in the PHP and Perl programming languages.

Installation Instructions: Unzip the folder into the location C:\xampp\htdocs. Then turn on the xampp control which will allow us to create and run a localhost server on our default machine. Open the web browser and type “localhost/src/” into the URL. The index.php file will open displaying a home page as shown below.

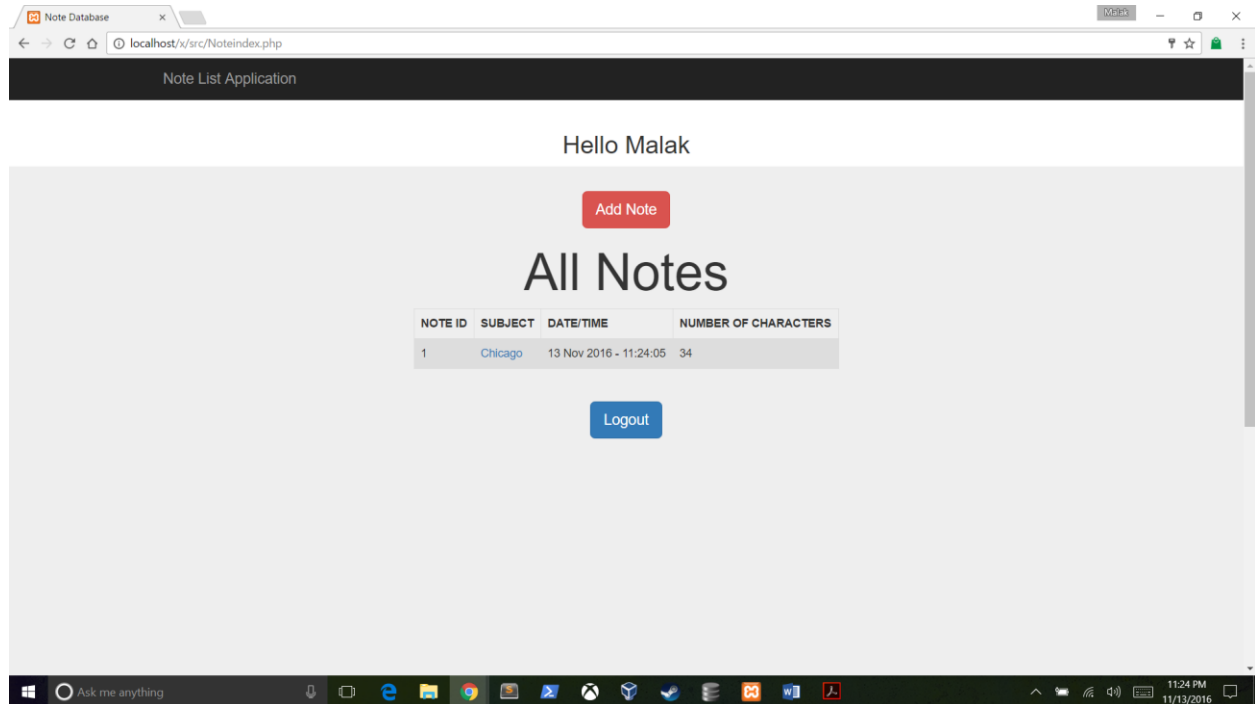
Username: Malak

Password: familyguy

The image shows a web browser window with the title "Note List Login". The address bar shows "localhost/x/src/index.php". The page content is centered and features the title "Note List Application Login" in bold. Below the title are two input fields: "Username" and "Password". The "Username" field contains the text "Malak". Below the "Password" field is a yellow "Login" button. The browser's taskbar at the bottom shows various application icons and the system clock indicating 11:24 PM on 11/13/2016.

Insights and Results: The login credentials for this application is – Username: Malak; Password: familyguy. On entering the valid credentials, the following page will appear.

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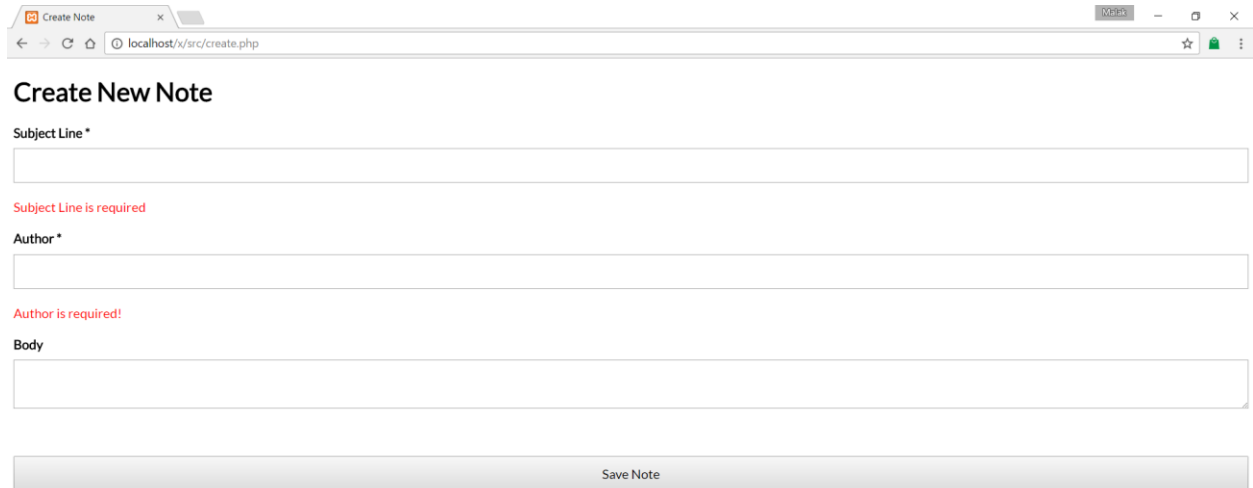


On clicking the Add Note button will take you to a form which helps to create note. The form is shown as below:

The screenshot shows a web browser window with the address bar displaying 'localhost/x/src/create.php'. The page title is 'Create New Note'. The form has three input fields: 'Subject Line *', 'Author *', and 'Body'. Each field is followed by a red asterisk indicating it is required. At the bottom of the form is a grey 'Save Note' button. The Windows taskbar at the bottom shows the time as 11:25 PM on 11/13/2016.

If the submit button is clicked without filling out the fields with * signs, then it shows error as shown below:

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Create New Note

Subject Line *

Subject Line is required

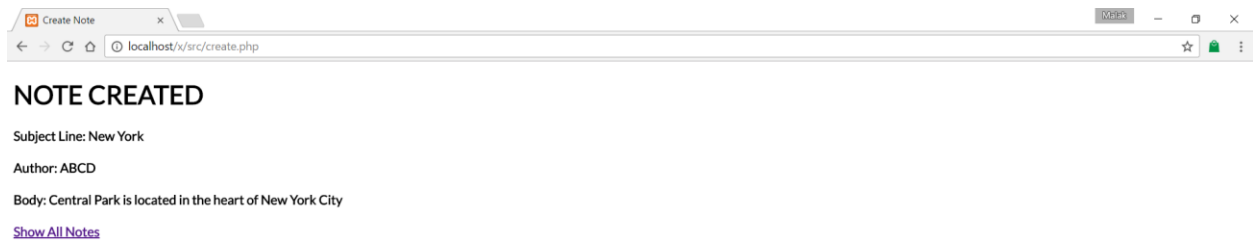
Author *

Author is required!

Body

Save Note

On successful entering the data:



NOTE CREATED

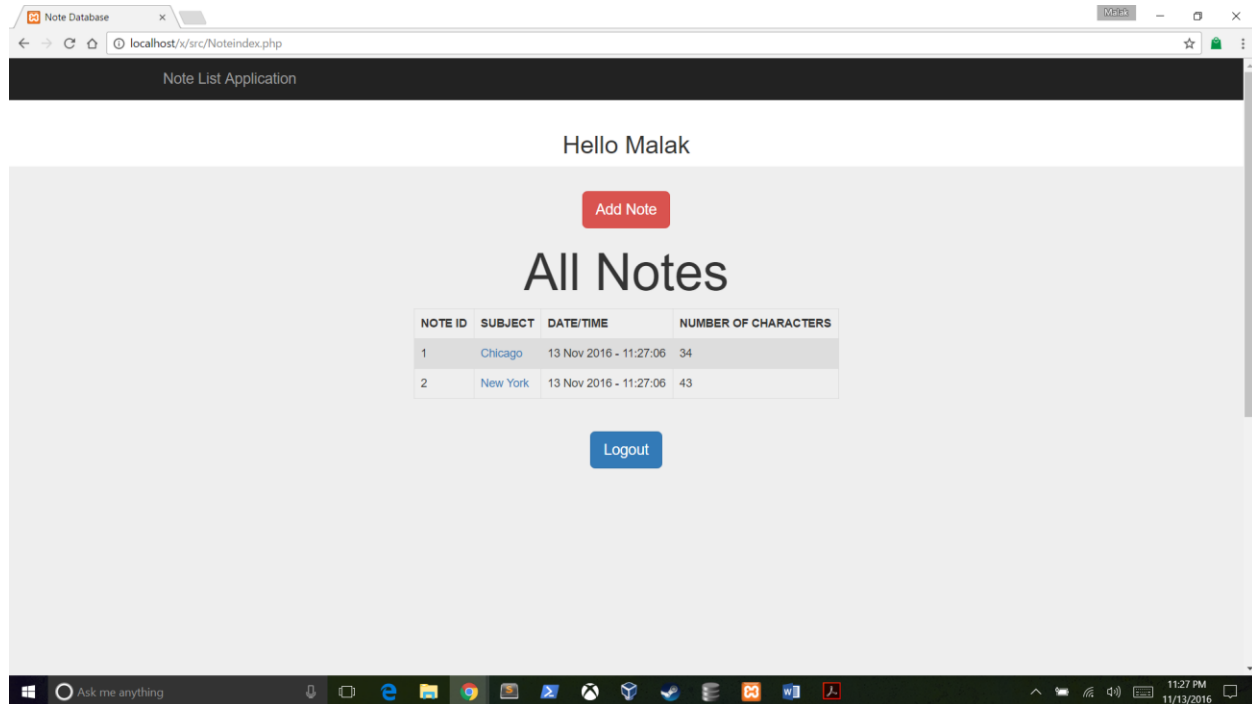
Subject Line: New York

Author: ABCD

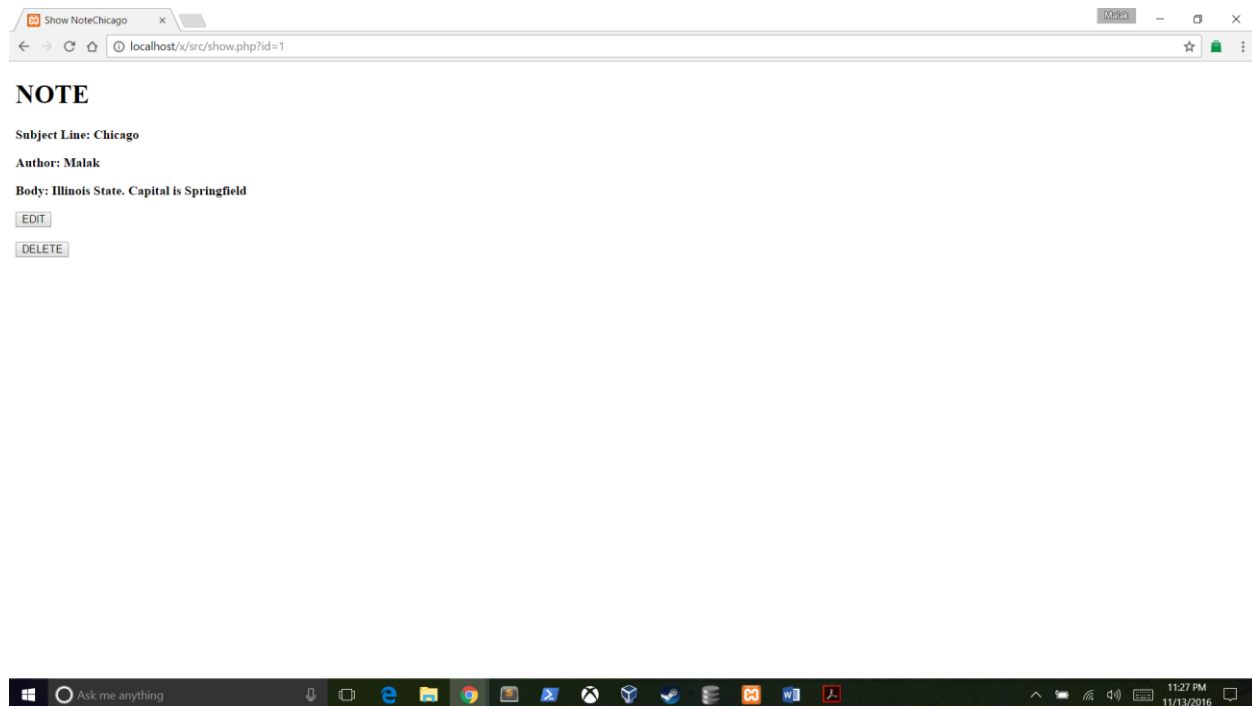
Body: Central Park is located in the heart of New York City

[Show All Notes](#)

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On clicking the note subject (which is a hyperlink) we get the following page to either edit or delete the note. Here we can see the note ID in the url which shows the exact same note that is clicked. The page is as shown below:

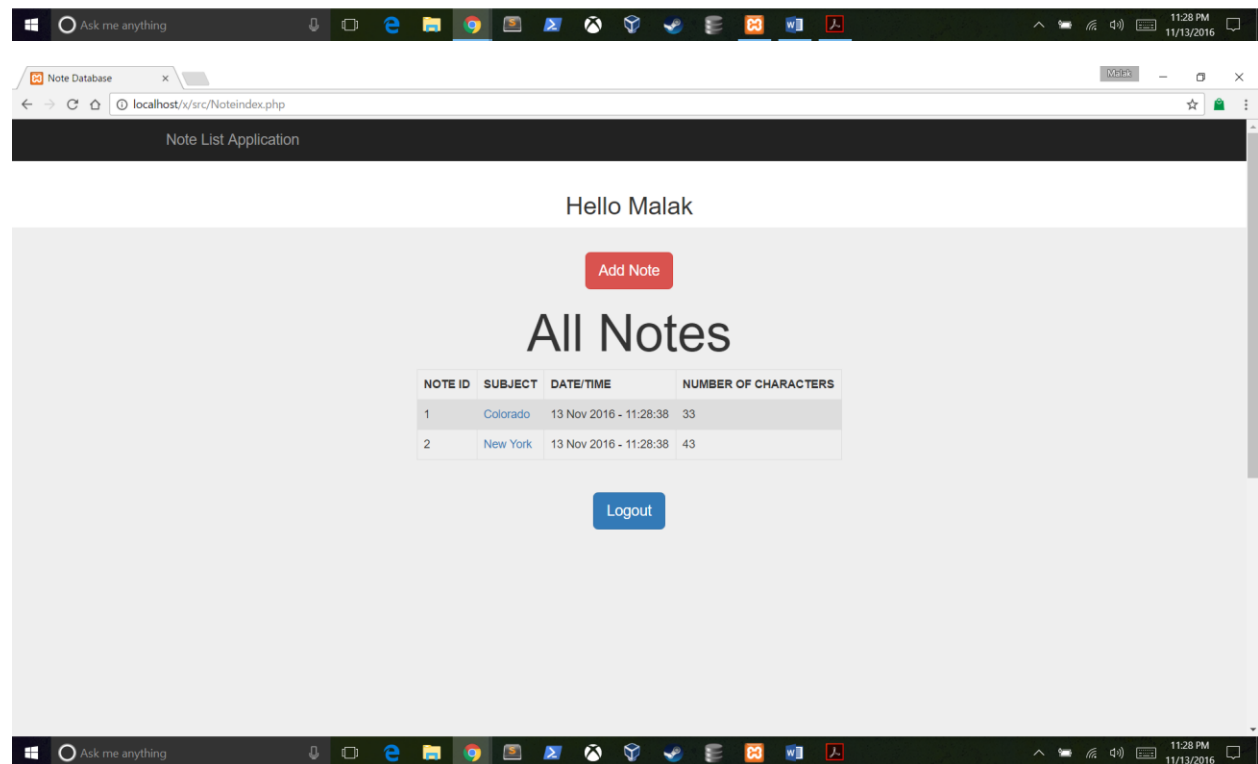


Let us edit the note:

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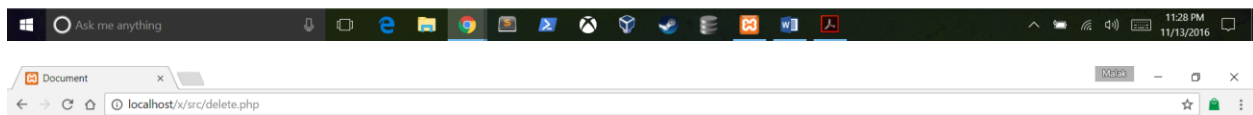
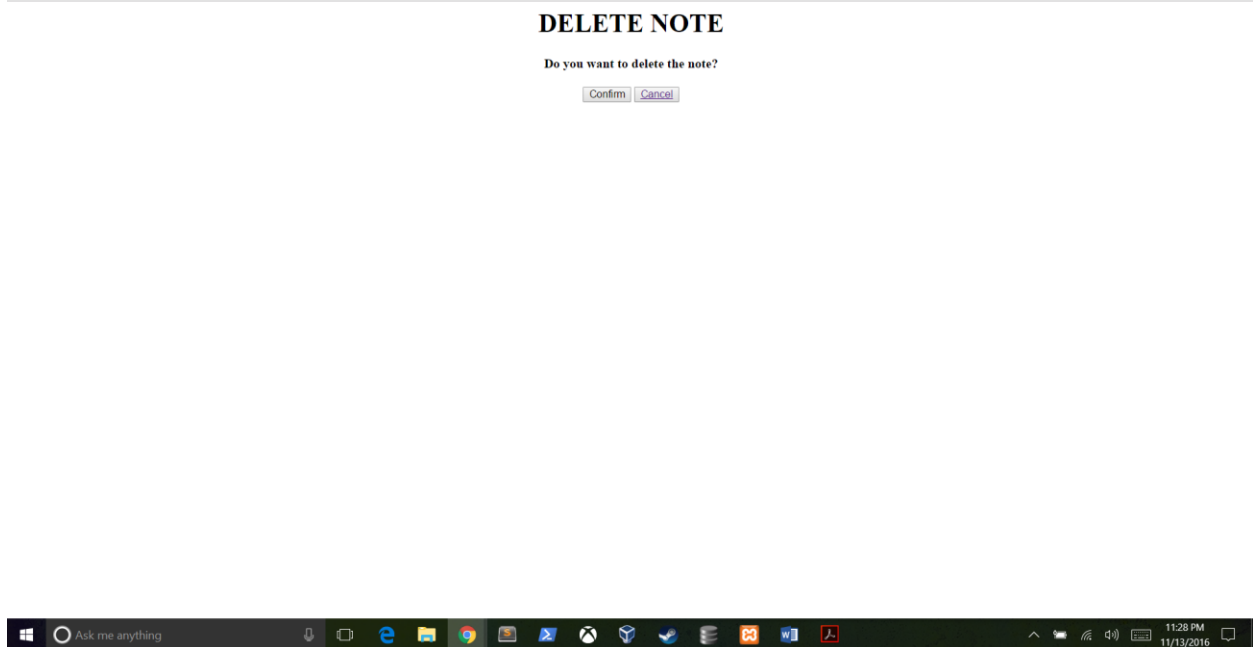
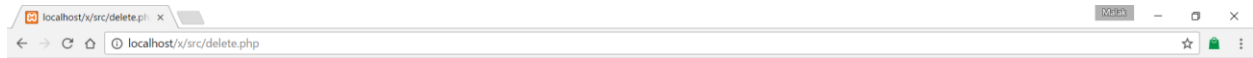


On clicking the delete button it takes us to a prompt page:

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NOTE DELETED

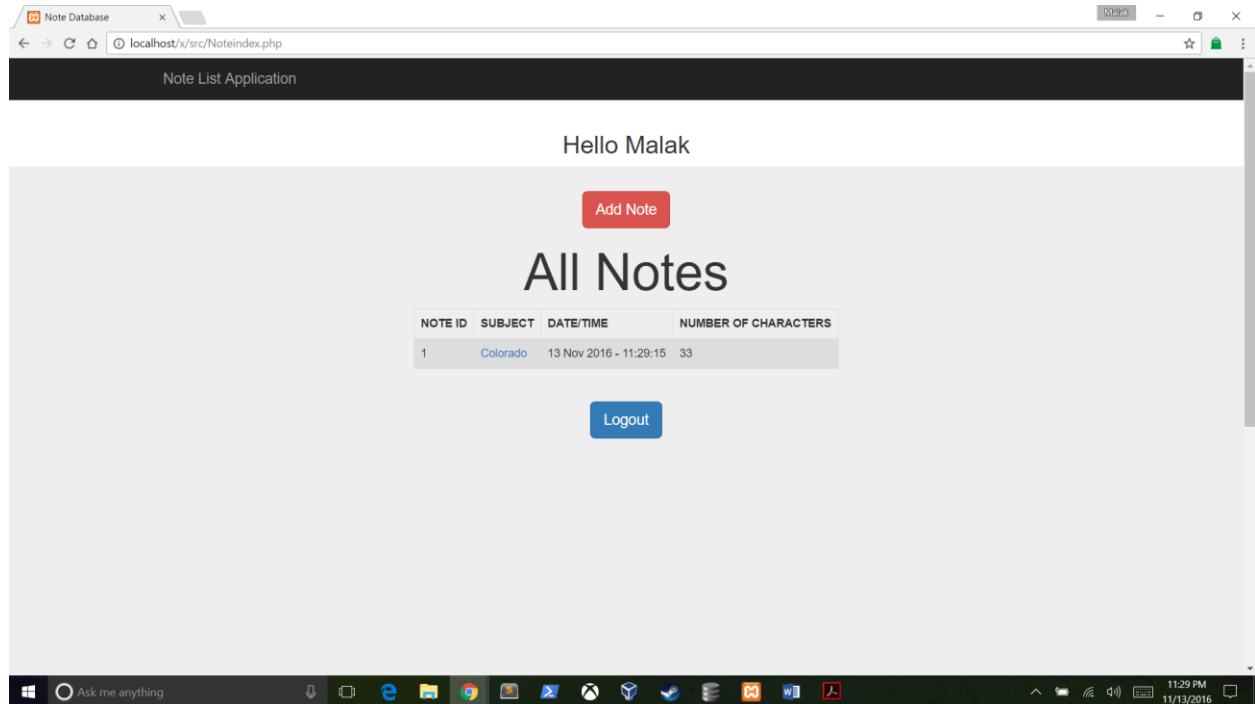
[Back to Note List](#)



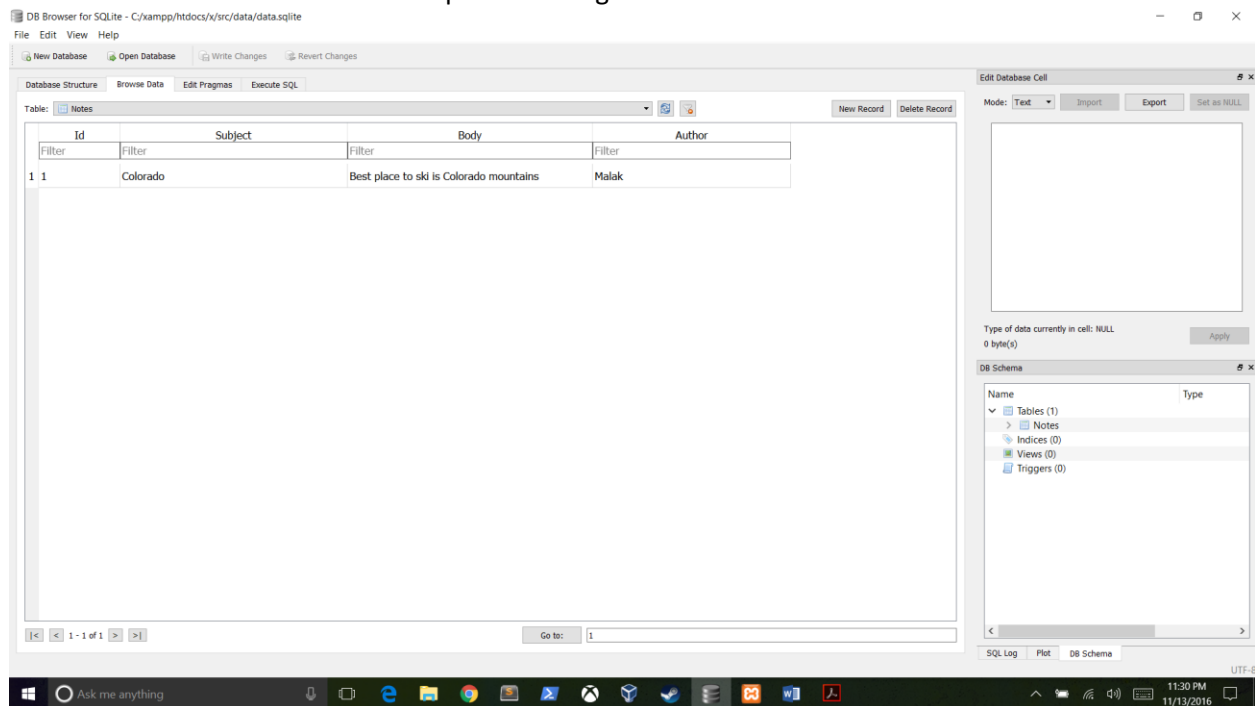
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Database: The database is edited as per the changes made in the browser.



References:

1. php.net/manual/en/index.php
2. stackoverflow.com/
3. www.w3schools.com/
4. www.w3programmers.com/