NAME: Malak Desai
EMAIL: mdesai13@hawk.iit.edu
CLASS: ITMD-562 – PROJECT3
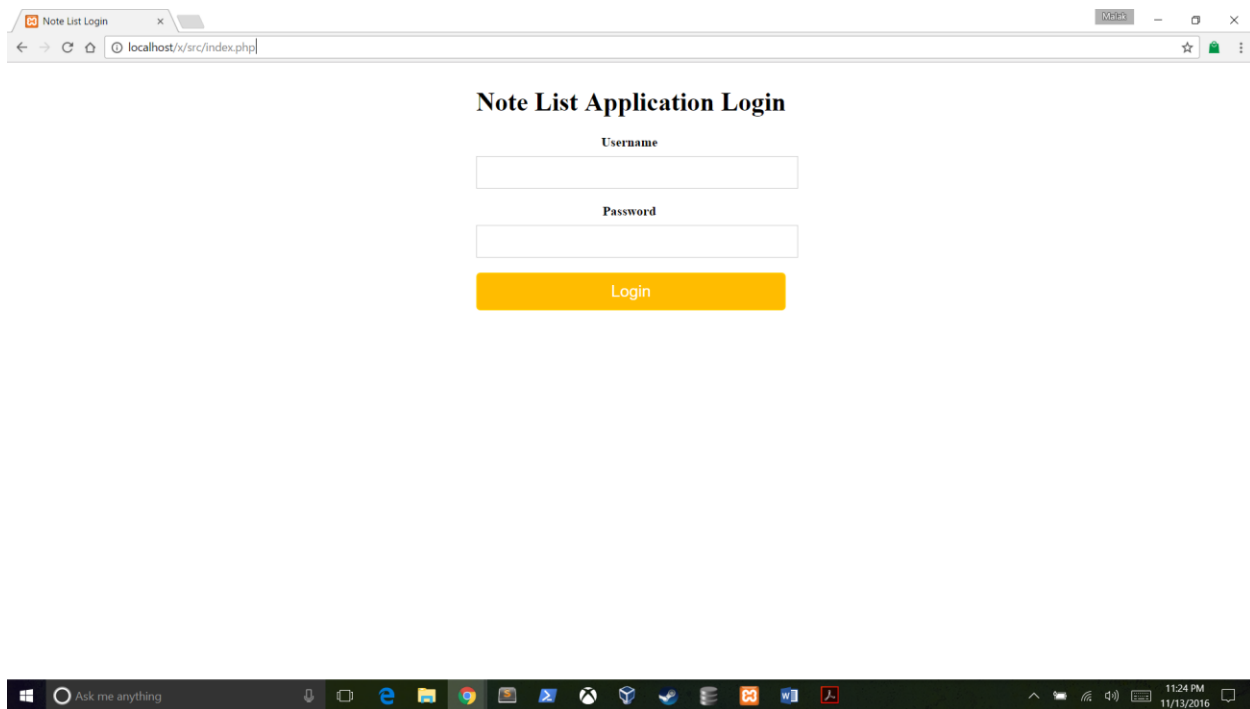
Project Description: The objective of this assignment is to make a PHP application that allows the user to create, edit, view, or delete a note. The assignment is like a note taking app you may have used on your phone or other devices. There will be a page that lists all the notes, from there the user 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.
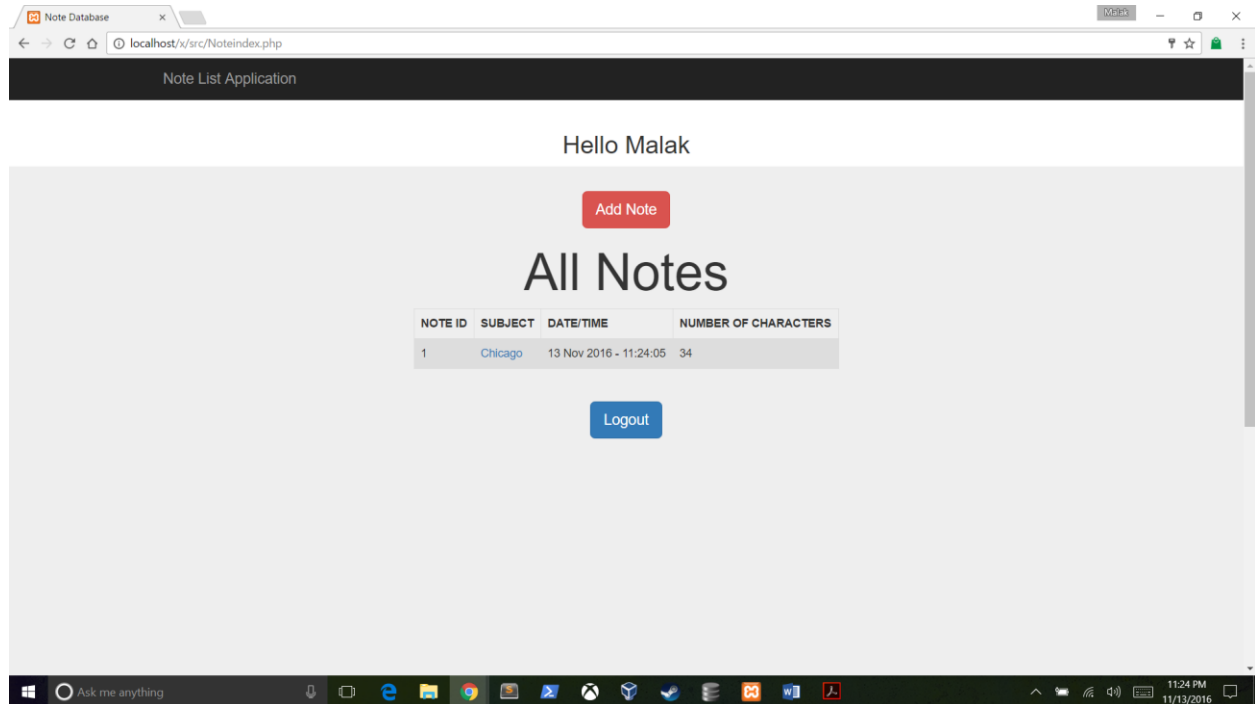
Username: Malak

Password: familyguy

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

NAME: Malak Desai
EMAIL: mdesai13@hawk.iit.edu
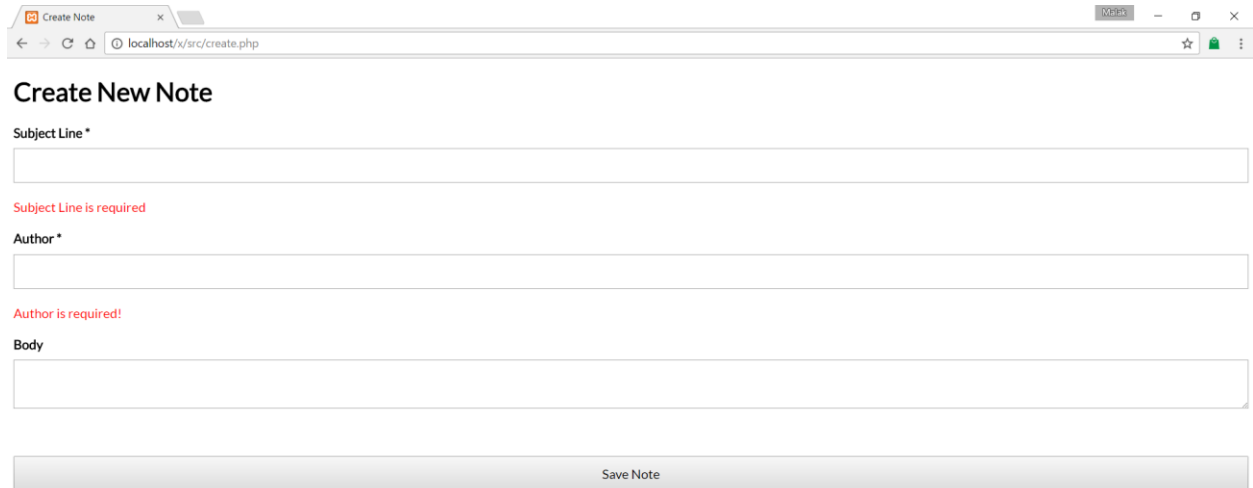CLASS: ITMD-562 – PROJECT3

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

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

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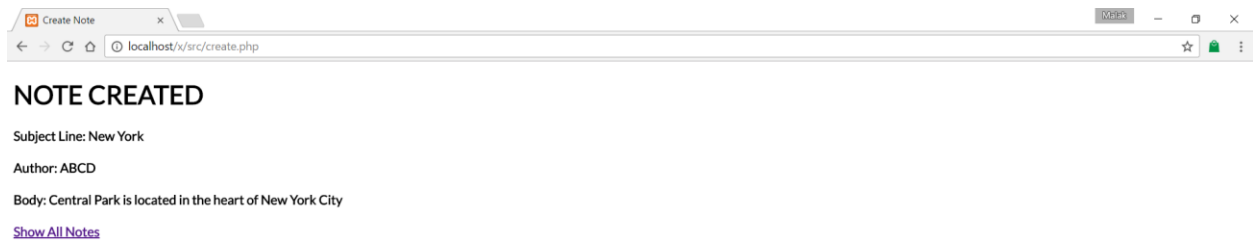
On successful entering the data:

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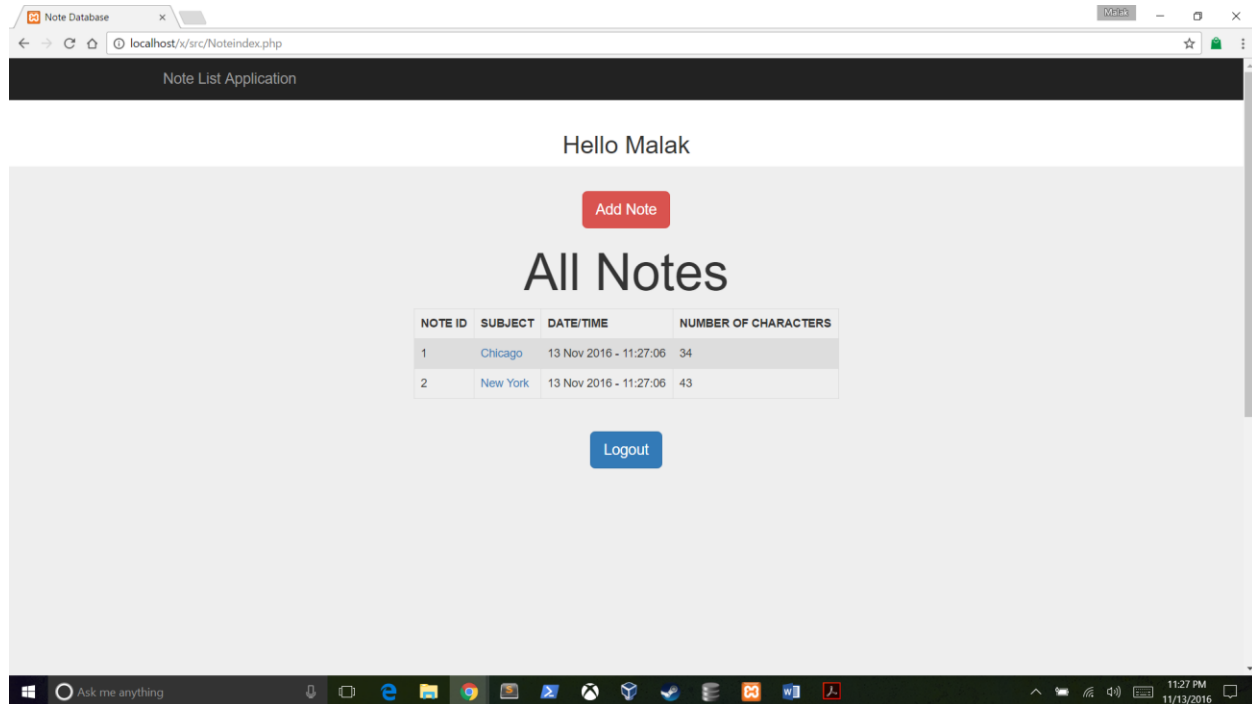
On clicking the note subject (which is a hyperlink) we get the following page to either edit or delete the note. Here we can see the note ID in the url which shows the exact same note that is clicked. The page is as shown below:
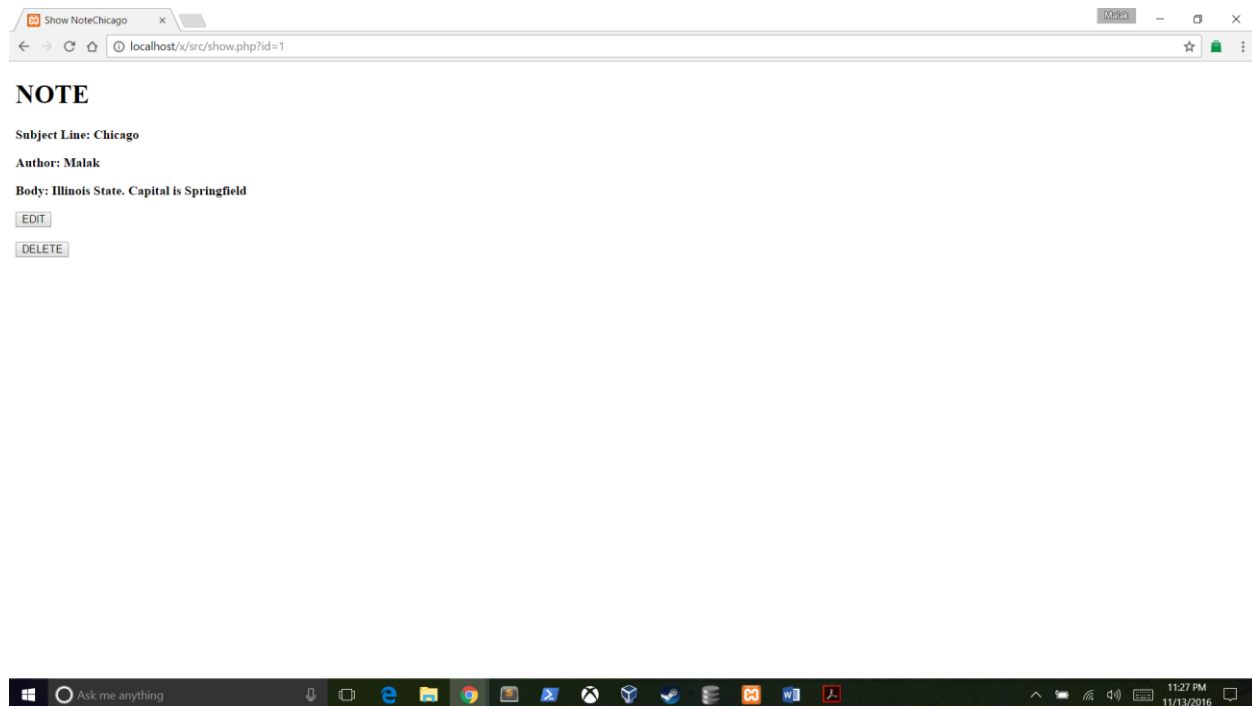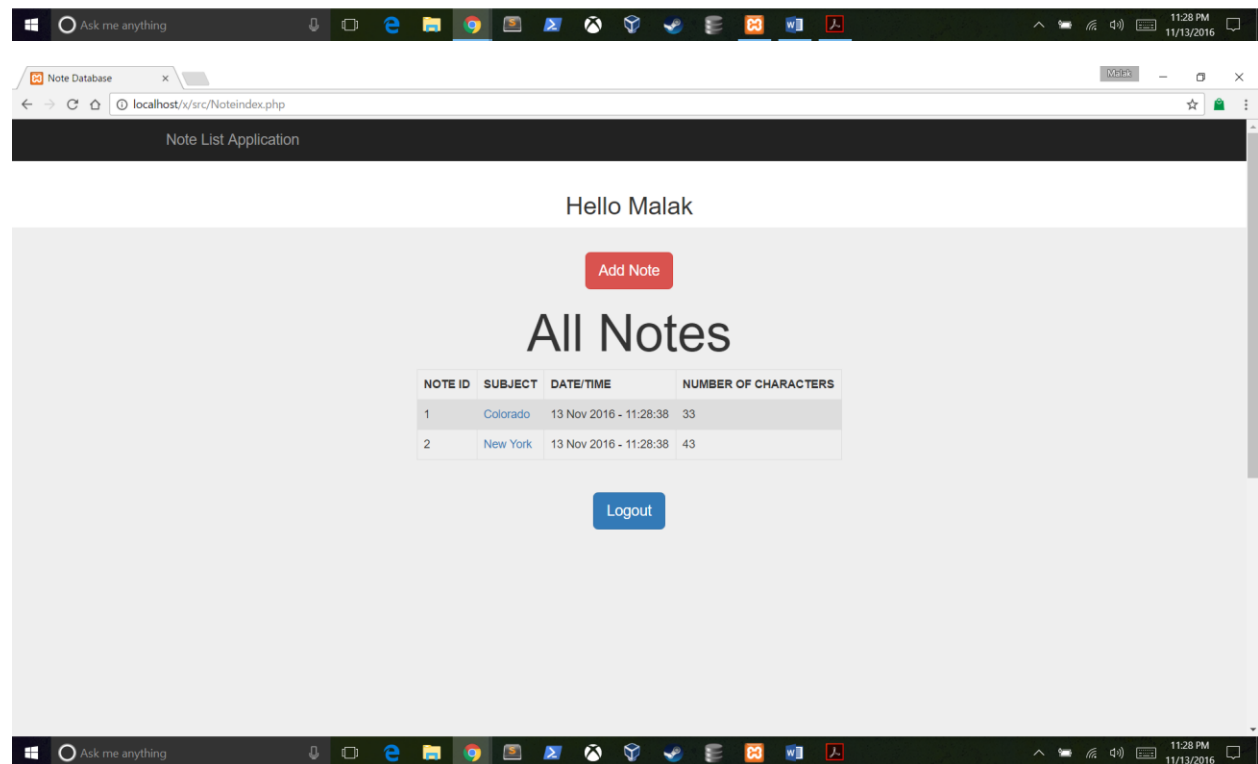

Let us edit the note:

NAME: Malak Desai
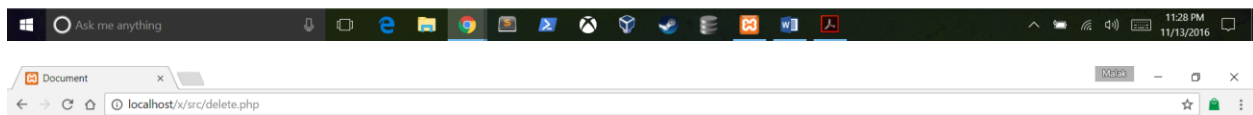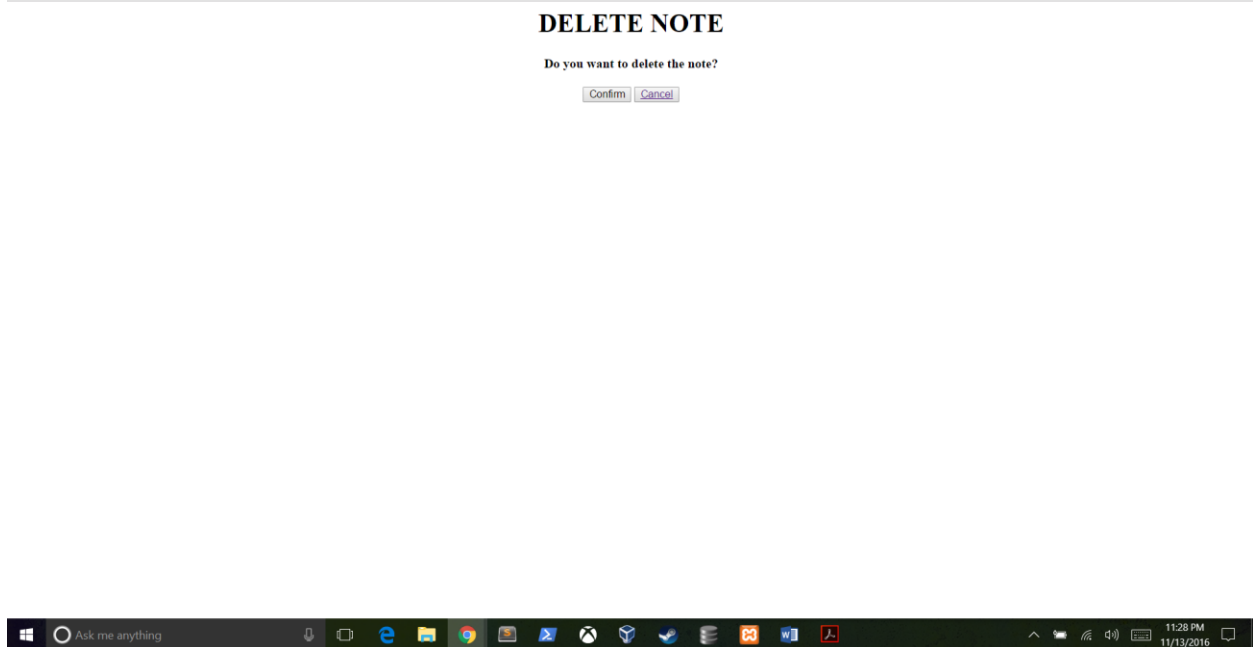EMAIL: mdesai13@hawk.iit.edu
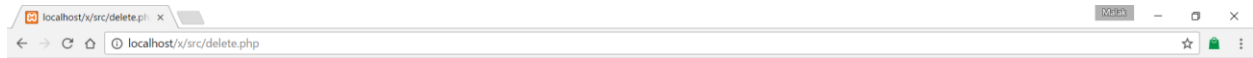CLASS: ITMD-562 – PROJECT3

NOTE UPDATED

Back to Note List

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

NAME: Malak Desai
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CLASS: ITMD-562 – PROJECT3

DELETE NOTE

Do you want to delete the note?
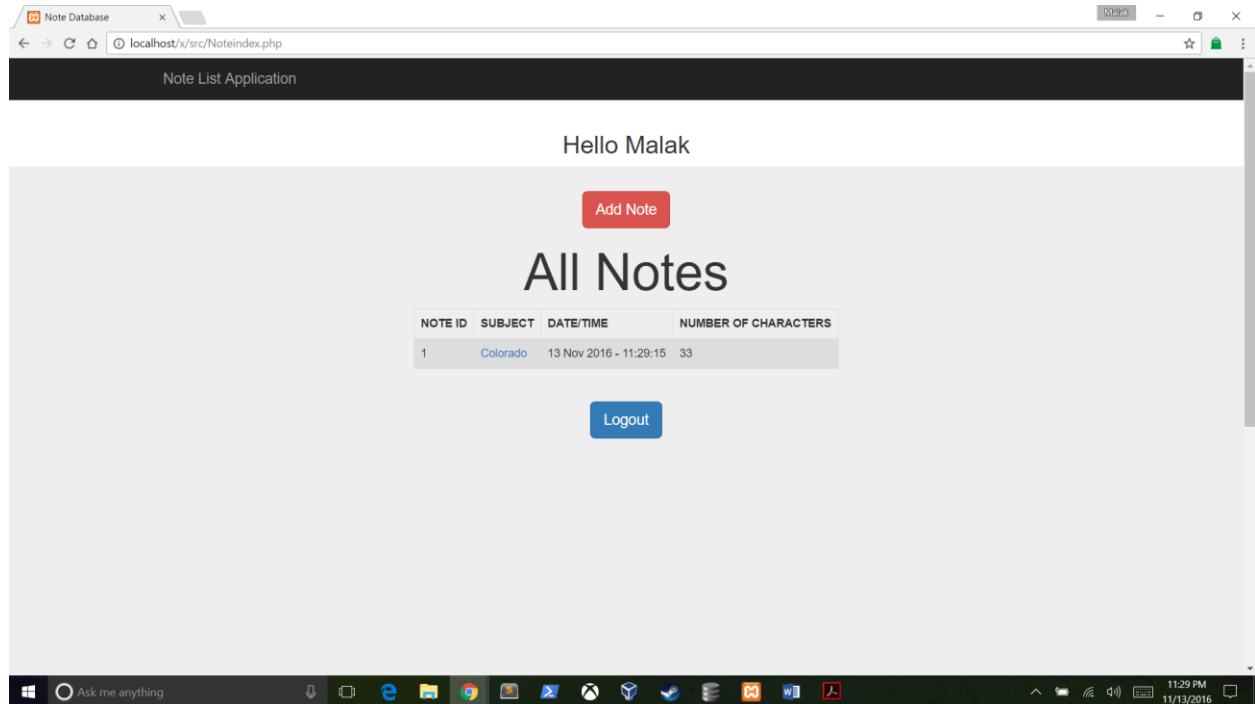
Confirm Cancel

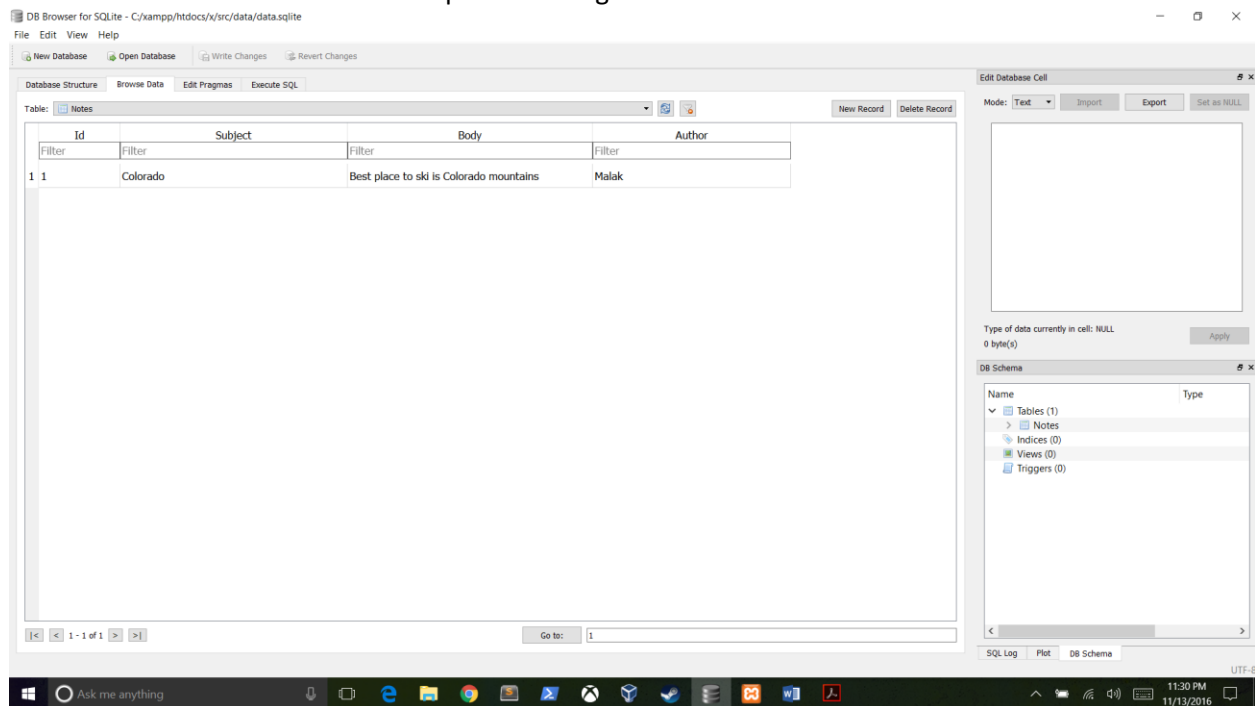---

NOTE DELETED

Back to Note List

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CLASS: ITMD-562 – PROJECT3

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/