

## ReadMe

### **Project Description:**

#### *Note Taking Application:*

This project is designed to show CRUD operations using Database SQLite(create, read, update and delete notes). In this project we Create the note using a form having three fields subject line, note body and Author name then we perform operations over it also it shows Created date, last updated date and character count of each note.

### **Development Environment:**

1. Mac os
2. XAMPP server
3. Sublime text 2
4. Google chrome and safari
5. Current PHP version: 5.6.24

### **Installation Instructions:**

To run this project we must need XAMPP server (or any which support PHP). This code is successfully tested on XAMPP server so preferably use it and after unzipping the submitted project folder keep it in your XAMPP's htdocs under some folder like ITMD-562. After following The above instruction you can run it on URL like:

[http://localhost/ITMD562/gkushwah\\_A203348837\\_p3/src](http://localhost/ITMD562/gkushwah_A203348837_p3/src)

***To log-in to the application see below table for credentials:***

S. No.	USERNAME	PASSWORD
1	Gaurav	gaurav
2	Gkushwah	gkushwah

## Insight and Results:

Lot of new things learnt like how to develop authentication page, CRUD operation using database(sqlite) connectivity definitely but other challenges came to validate all operations also use of interface made things very easy and dynamic.

## Screenshots:

### 1. Login Page:



## Note Taking Application

Username:

Password:

Login

## 2. Index Page with username- Gkushwah password- gkushwah

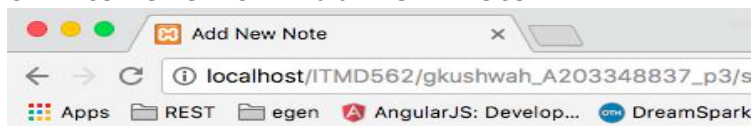


[Add New Note](#)

### [ALL NOTES](#)

Subject line	Date/Time Created	Last Edited	Number of Characters
My sqllite check	Sunday November 13, 2016 - 15:07:36 pm	Sunday November 13, 2016 - 15:07:36 pm	16

## 3. After click on Add New Note



## Create New Note

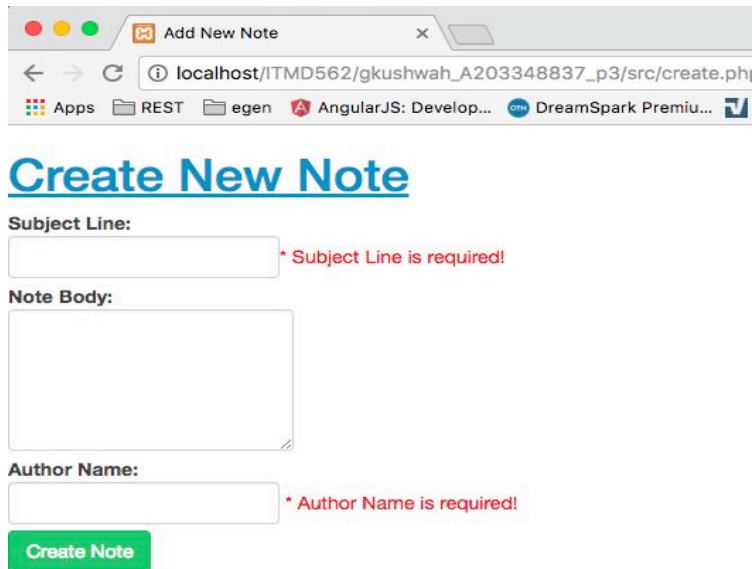
Subject Line:

Note Body:

Author Name:

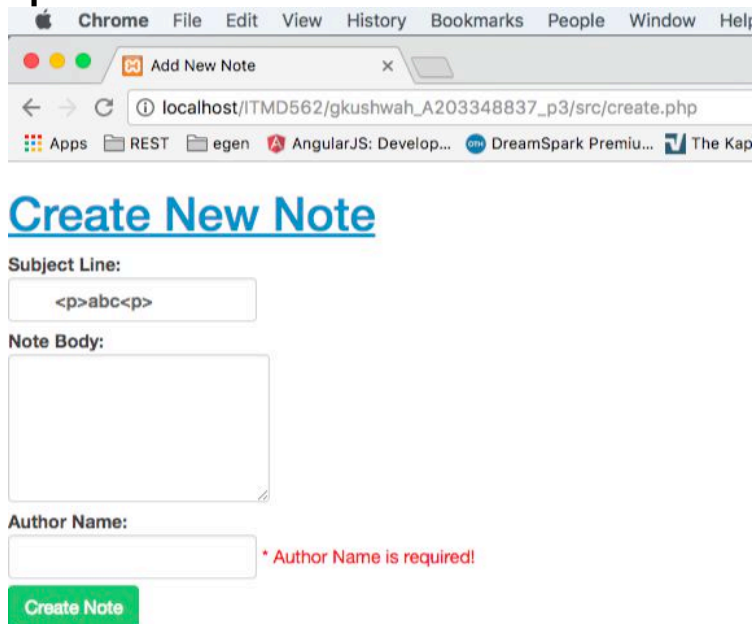
Create Note

## 4. Create page with validation



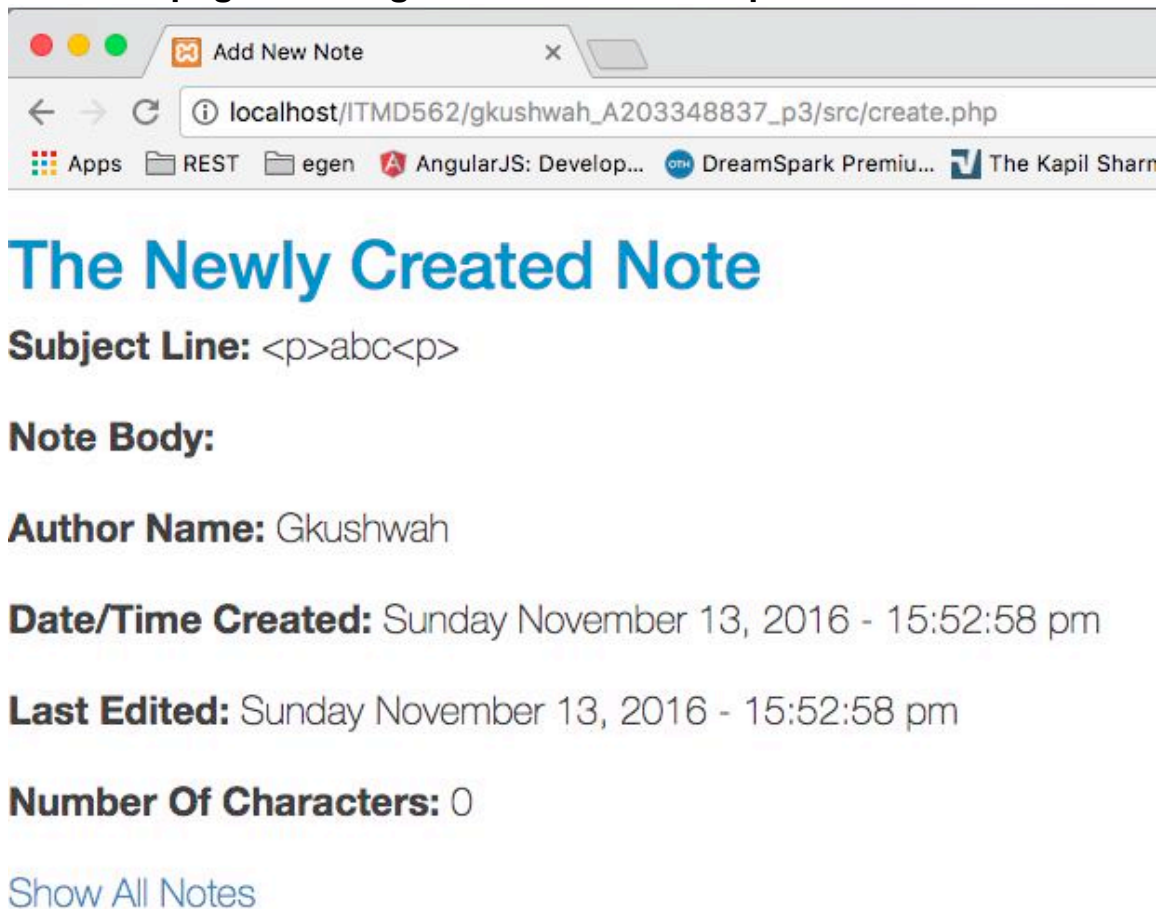
A screenshot of a web browser window titled 'Add New Note'. The address bar shows 'localhost/ITMD562/gkushwah\_A203348837\_p3/src/create.php'. The page has a blue header 'Create New Note'. Below it, there are three input fields: 'Subject Line:', 'Note Body:', and 'Author Name:'. The 'Subject Line' and 'Author Name' fields have red error messages: '\* Subject Line is required!' and '\* Author Name is required!' respectively. The 'Note Body' field is empty. At the bottom, there is a green 'Create Note' button.

## 5. After create note submitting and also validating scripts and white space

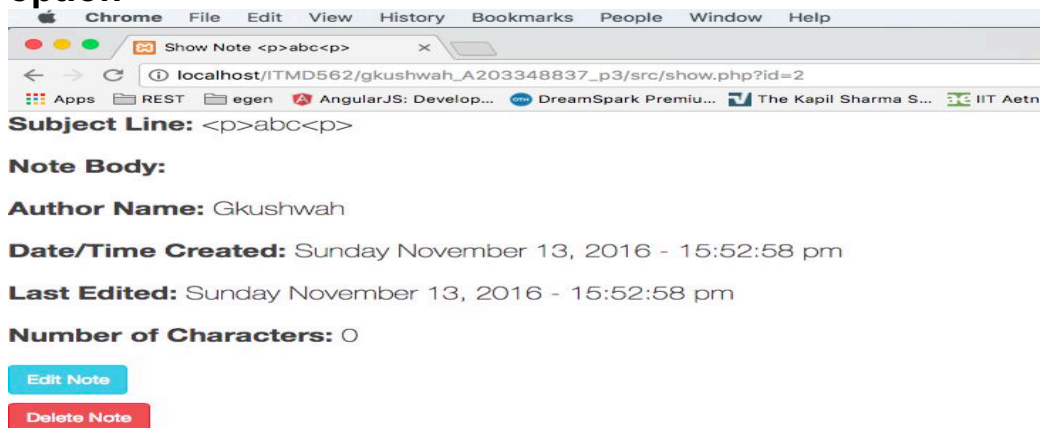


A screenshot of a web browser window titled 'Add New Note'. The address bar shows 'localhost/ITMD562/gkushwah\_A203348837\_p3/src/create.php'. The page has a blue header 'Create New Note'. Below it, there are three input fields: 'Subject Line:', 'Note Body:', and 'Author Name:'. The 'Subject Line' field now contains the text '<p>abc<p>'. The 'Note Body' field is empty. The 'Author Name' field has a red error message: '\* Author Name is required!'. At the bottom, there is a green 'Create Note' button.

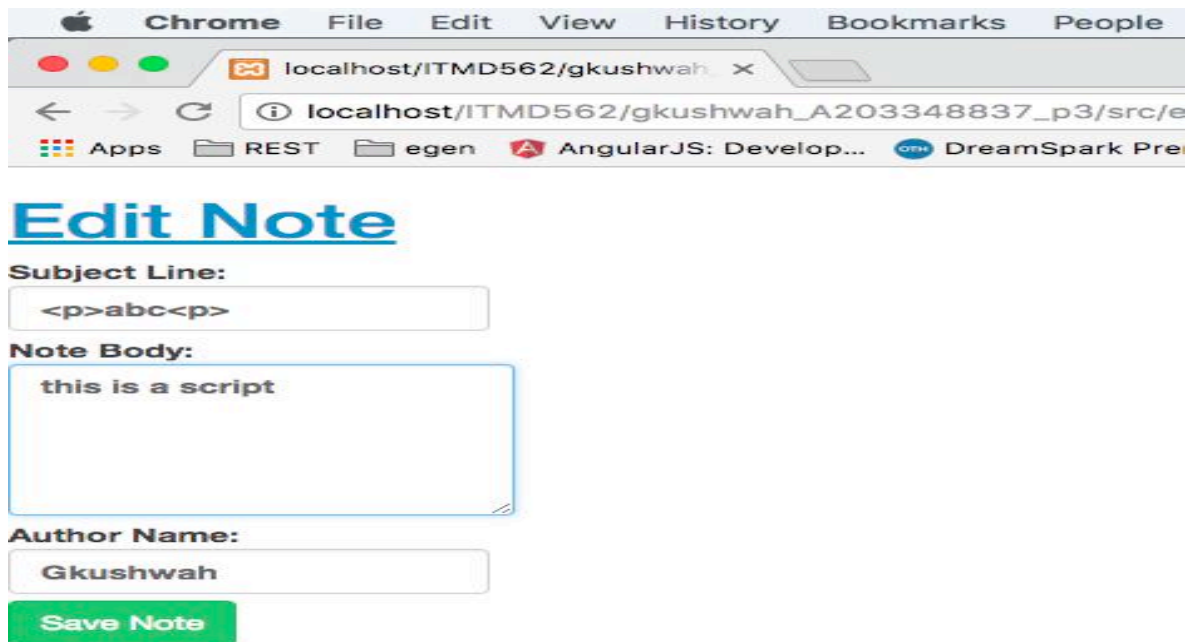
## 6. Create page showing created note with option of show all notes



## 7. After click on hyper link on index page to show edit and delete option



## 8. Showing edit page to update the note again



Chrome File Edit View History Bookmarks People

localhost/ITMD562/gkushwah\_ X

localhost/ITMD562/gkushwah\_A203348837\_p3/src/e

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## Edit Note

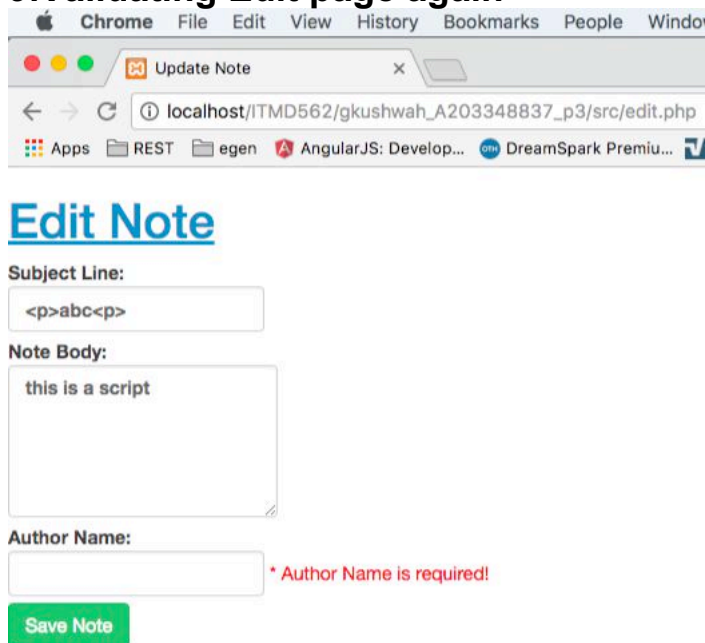
Subject Line:

Note Body:

Author Name:

Save Note

## 9. Validating Edit page again



Chrome File Edit View History Bookmarks People Window

Update Note X

localhost/ITMD562/gkushwah\_A203348837\_p3/src/edit.php

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## Edit Note

Subject Line:

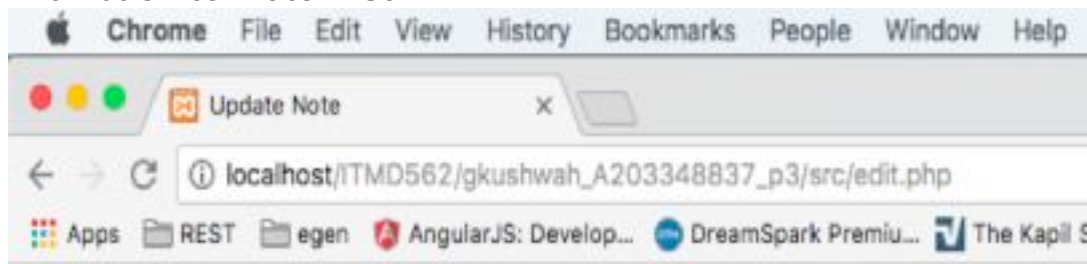
Note Body:

Author Name:

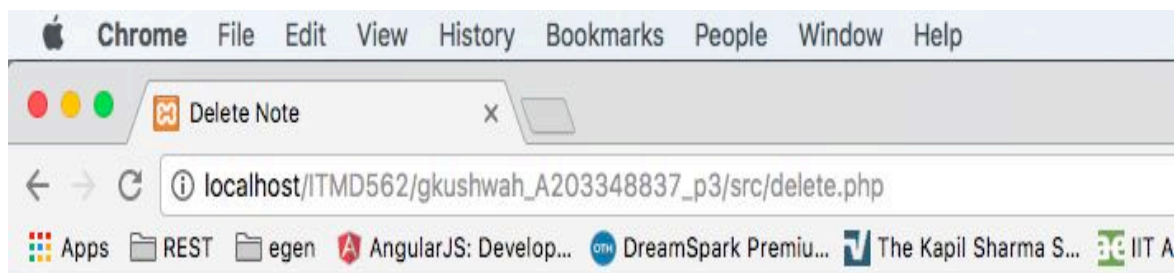
\* Author Name is required!

Save Note

**10. After submitting the form navigating to show success message with back to Note List link.**



**11. Showing the confirmation page to delete the note**

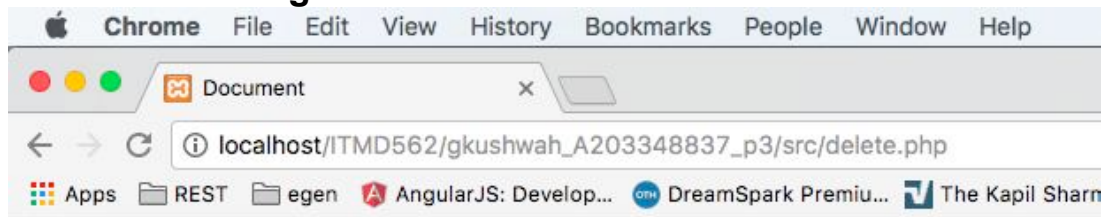


Do you want to delete note?

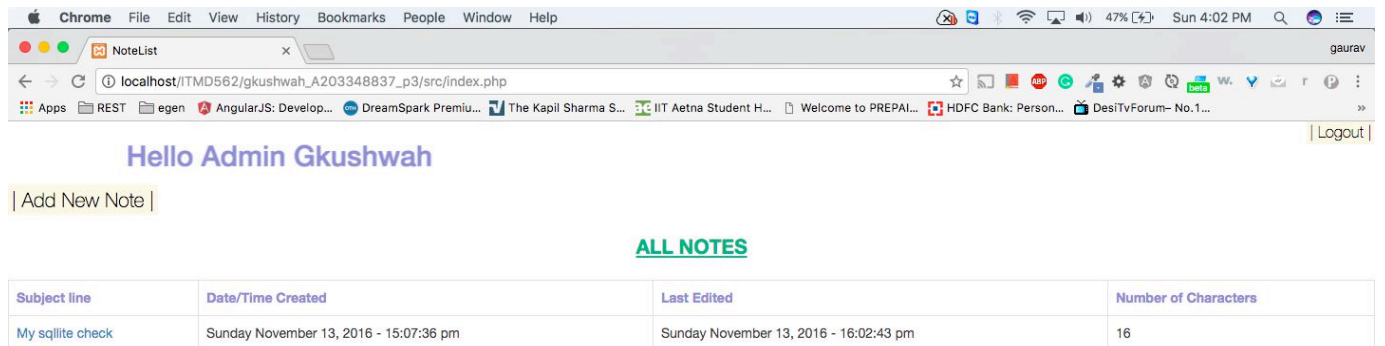
Delete Note

cancel

## 12. After deleting the note



## 13. Index page showing created time for note and edited time and also logout link to end the session.





**References:**

1. <https://getbootstrap.com/>
2. <http://php.net/manual/en/function.date-default-timezone-set.php>
3. [http://www.w3schools.com/php/php\\_form\\_validation.asp](http://www.w3schools.com/php/php_form_validation.asp)
4. <http://php.net/manual/en/language.control-structures.php>
5. <http://php.net/manual/en/language.namespaces.php>
6. <http://php.net/manual/en/book.session.php>
7. <http://php.net/manual/en/function.password-hash.php>