

Project Report ITWS2

Date : 17 Apr '14

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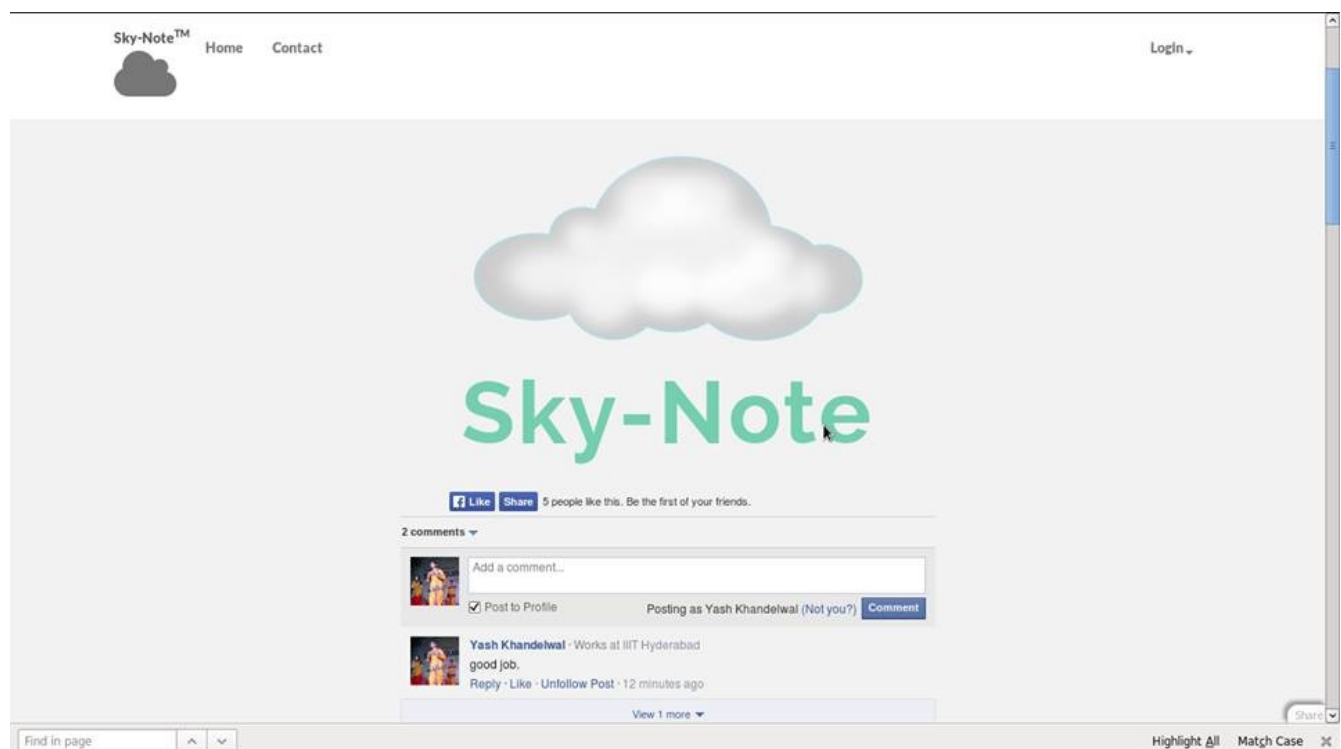
Yash Khandelwal 201302164

Project Name : SKYNOTE

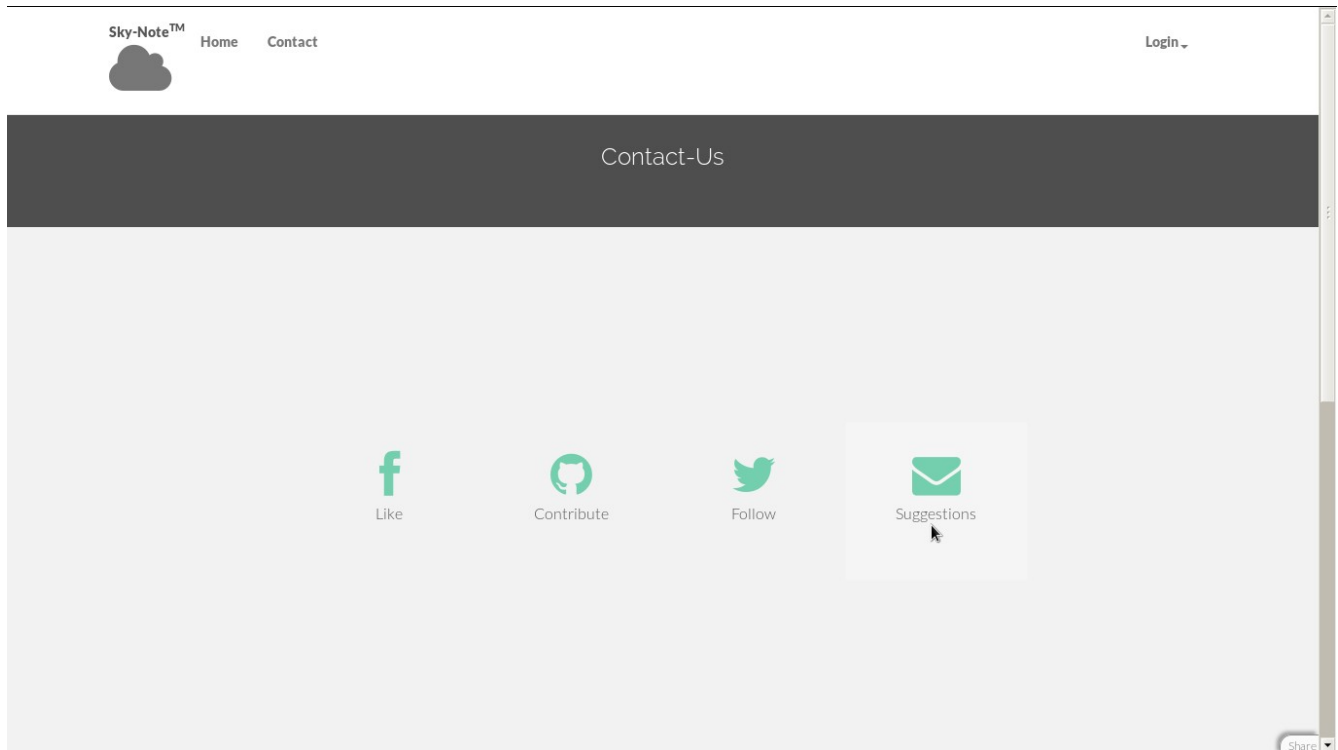
Introduction

Sky-Notes is designed for users to manage their busy lives by managing quick-notes which are easy to create, find and manage. Sky-Notes aims to have a user-friendly and simple design. It focuses on efficient management of notes through Local-Storage and central database. The Notes allow the user to search with a wide range of options such as search by tag/content/title/date.

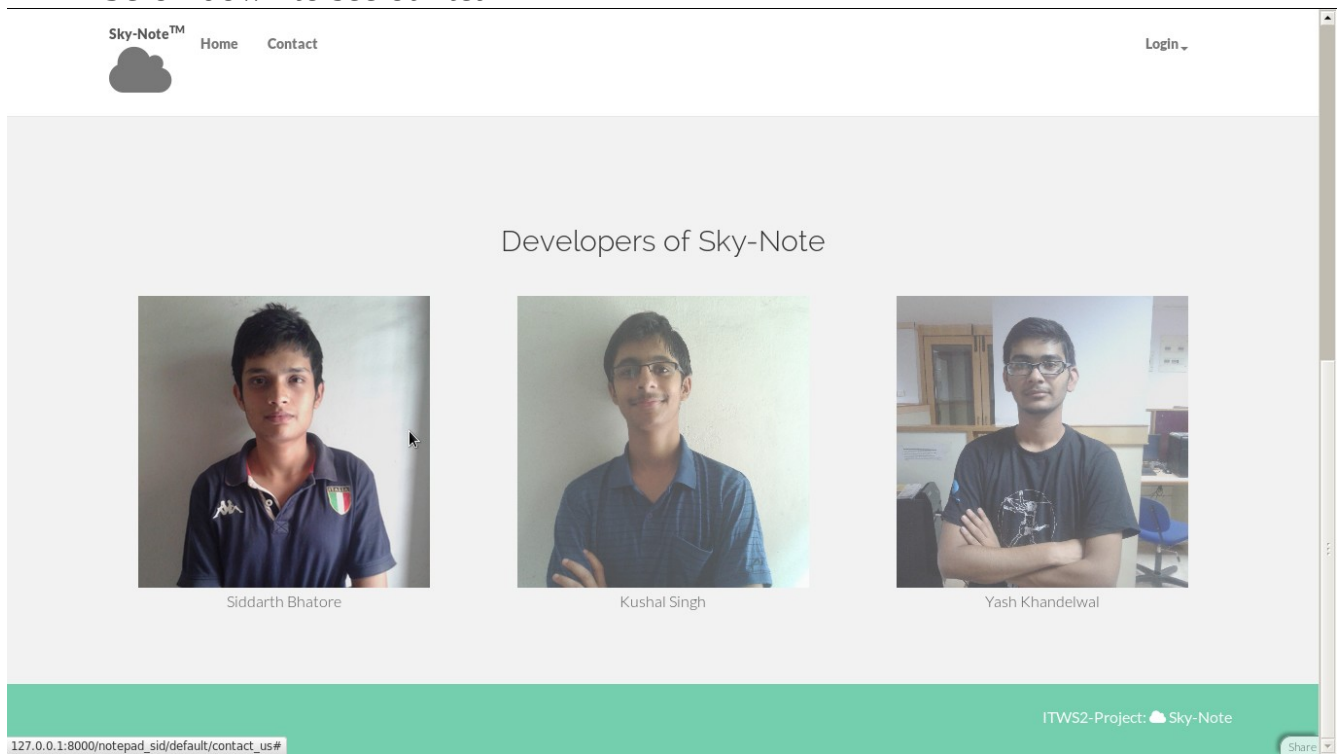
Overview



This is the homepage of our app Sky-note. You can add comments from your facebook account to this. You have to register first to enjoy the benefits of our app. Click on Contact for our 'contact us' page.

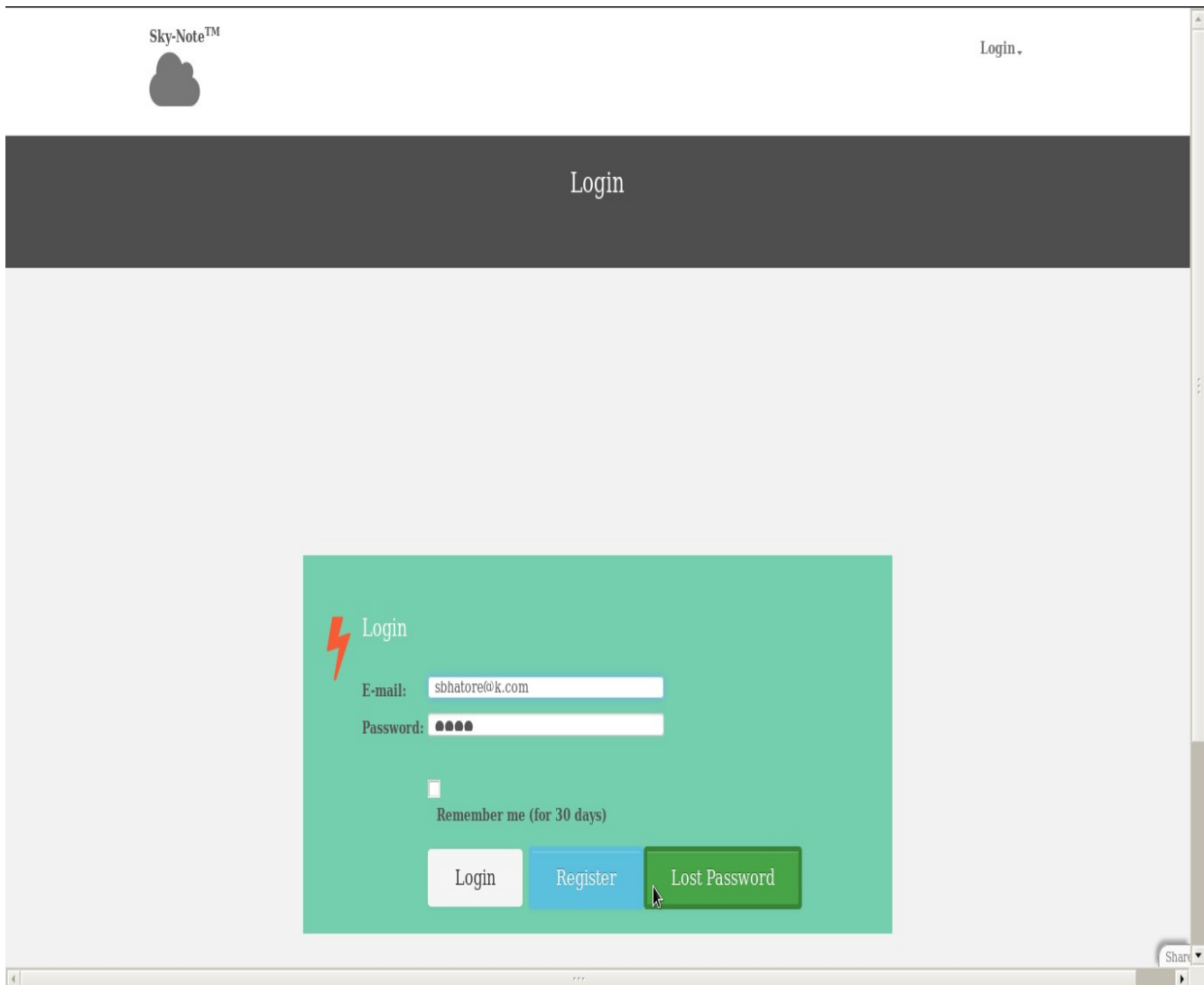


Scroll down to see our team



Features and Functioning

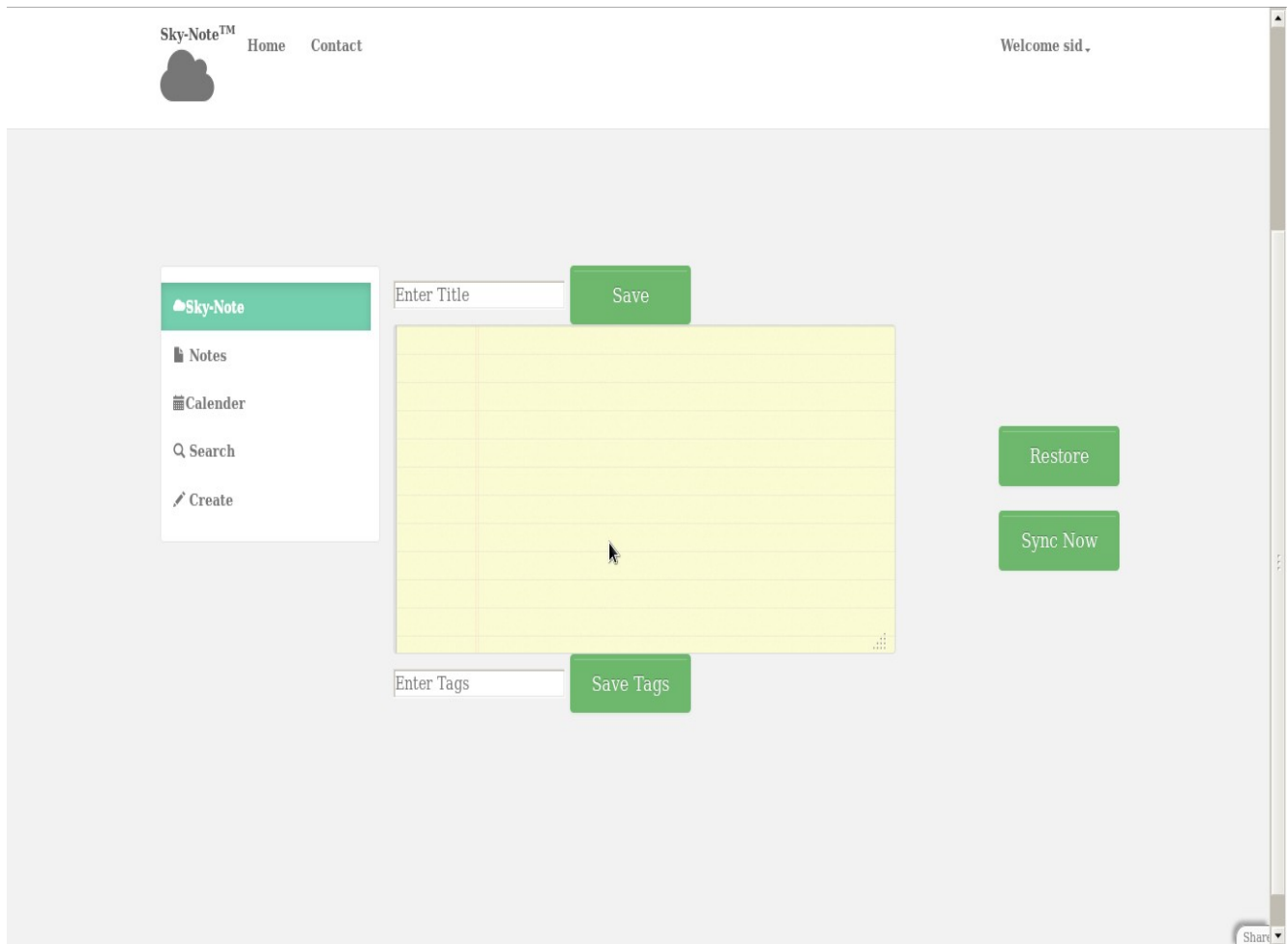
1. Login Page



The screenshot displays the login interface for Sky-Note™. At the top left, the logo "Sky-Note™" is accompanied by a cloud icon. At the top right, a "Login" link is visible. A dark grey header bar with the word "Login" in white is positioned below the top navigation. The main content area is light grey and contains a teal-colored login form. The form includes a red lightning bolt icon next to the title "Login". It features two input fields: "E-mail:" with the value "sbhatore@k.com" and "Password:" with four black dots. Below these fields is a checkbox labeled "Remember me (for 30 days)". At the bottom of the form are three buttons: "Login" (white), "Register" (blue), and "Lost Password" (green). A "Share" button is located in the bottom right corner of the page.

Login page used is the inbuilt one provided by web2py. First you have to register using web2py registration form.

2. Create a Note



Once you are logged in, click on the Create icon visible on the left. You will see a page like one displayed above.

Enter a title and save it using 'Save' button. It will alert you if you entered the same title that is already in use. Title gets saved into local-Storage.

Enter the body of your Note in the yellow box and after a single click on the box(after creating the note) the note gets stored in local-Storage(in the form of a dictionary which is unique for each user.)

You can add Tags to the latest note you made and which is stored in the local-Storage.(The note with tag will have to be synchronized just after creation)


Whenever you are online you can Synchronize all your notes in the local-Storage to the central server.

3. Sync from local-Storage

Allows user to synchronize his notes online, which were stored in offline mode in Local-Storage.

This allows user to store his notes independent of the network connection. Maximum size of the Local-Storage allowed is 5MB.

4. View all Notes

Sky-Note™


Home

Contact

Welcome sid

Sky-Note

Notes

Calendar

Search

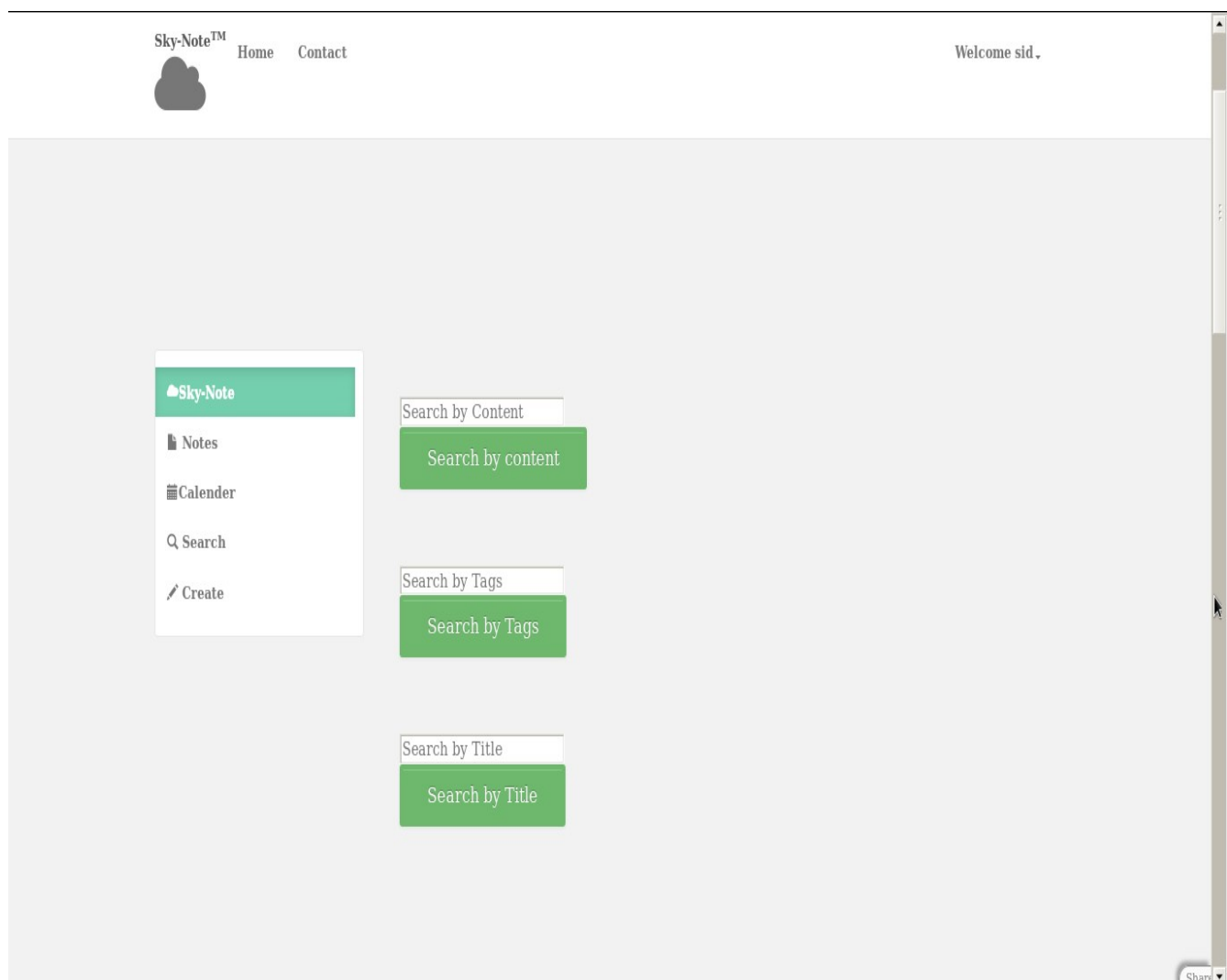
Create

Simon and Garfunkel ITWS rocks.sdfaaaaaaaaa aaaaaaaaaaaaaaaaaa aaaaaaaas	man yoyo	IIIT Best college in the whole universe	IIIT-H Felicity Felicity rocks
null	Sid sd	i am alone hey all how are you.sskadjkskdjakjas jldjfasljklsjfklsjfkla sjkla.....	Hi all ITWS rocks.sdfaaaaaaaaa aaaaaaaaaaaaaaaaaa aaaaaaaasdjhfsjkhfjk shfjk.....
how yoyo man	IIT worst		

You can view all notes by clicking on the Notes option. All the notes of the user logged in are displayed in a random order .i.e. each time you refresh the page, u will see a new order of the notes. You can select a note by clicking on it. It redirects to opening of the note.

If the note has too much text that exceeds the div box, then “.....” is shown that indicates that, to view whole note, click on the note.

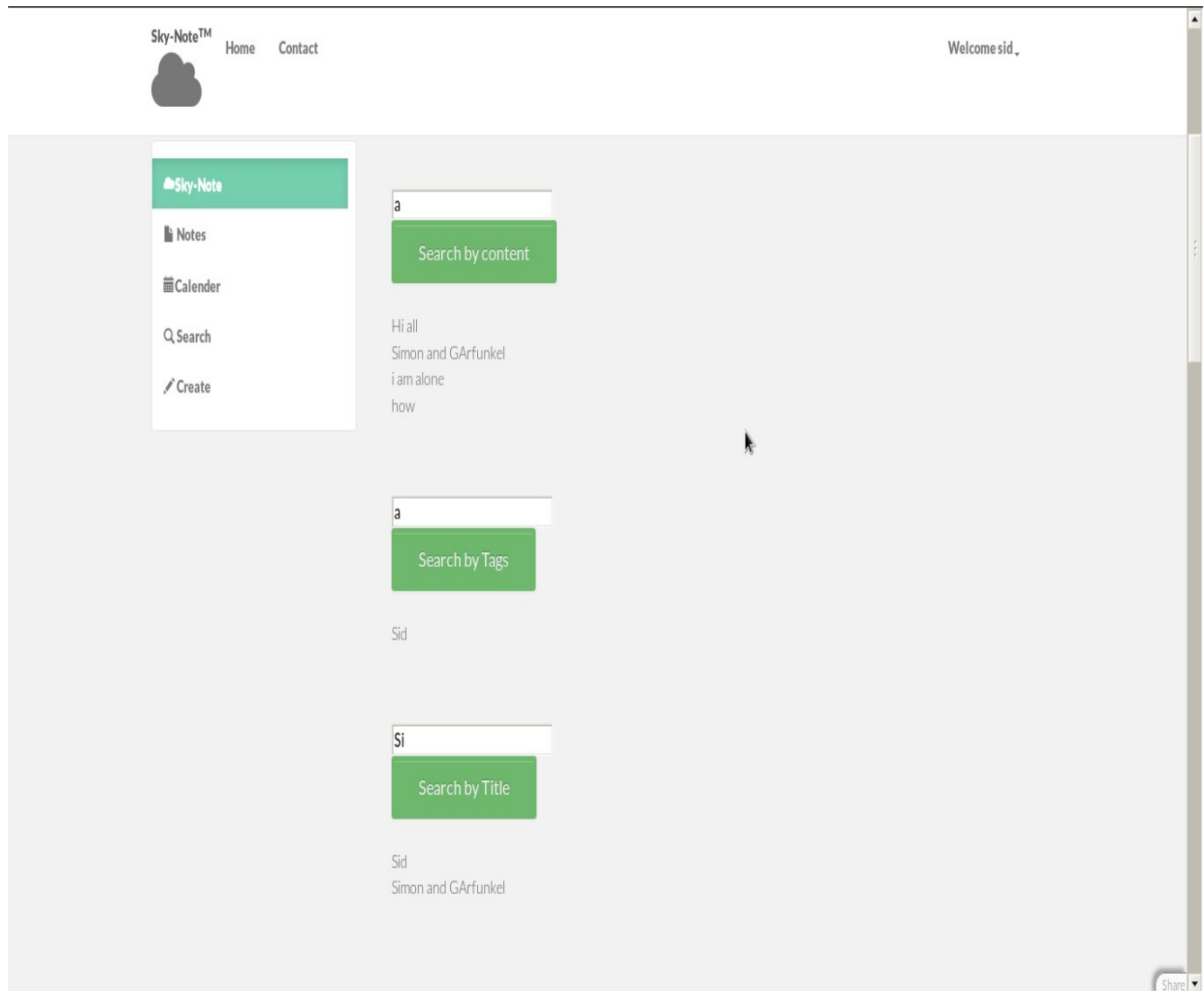
5. Search Notes



You can search notes. Click on the Search option. Now Search Notes by typing in the required field and clicking on the corresponding button. The available search options are Search by :

- Tag
- Content
- Title

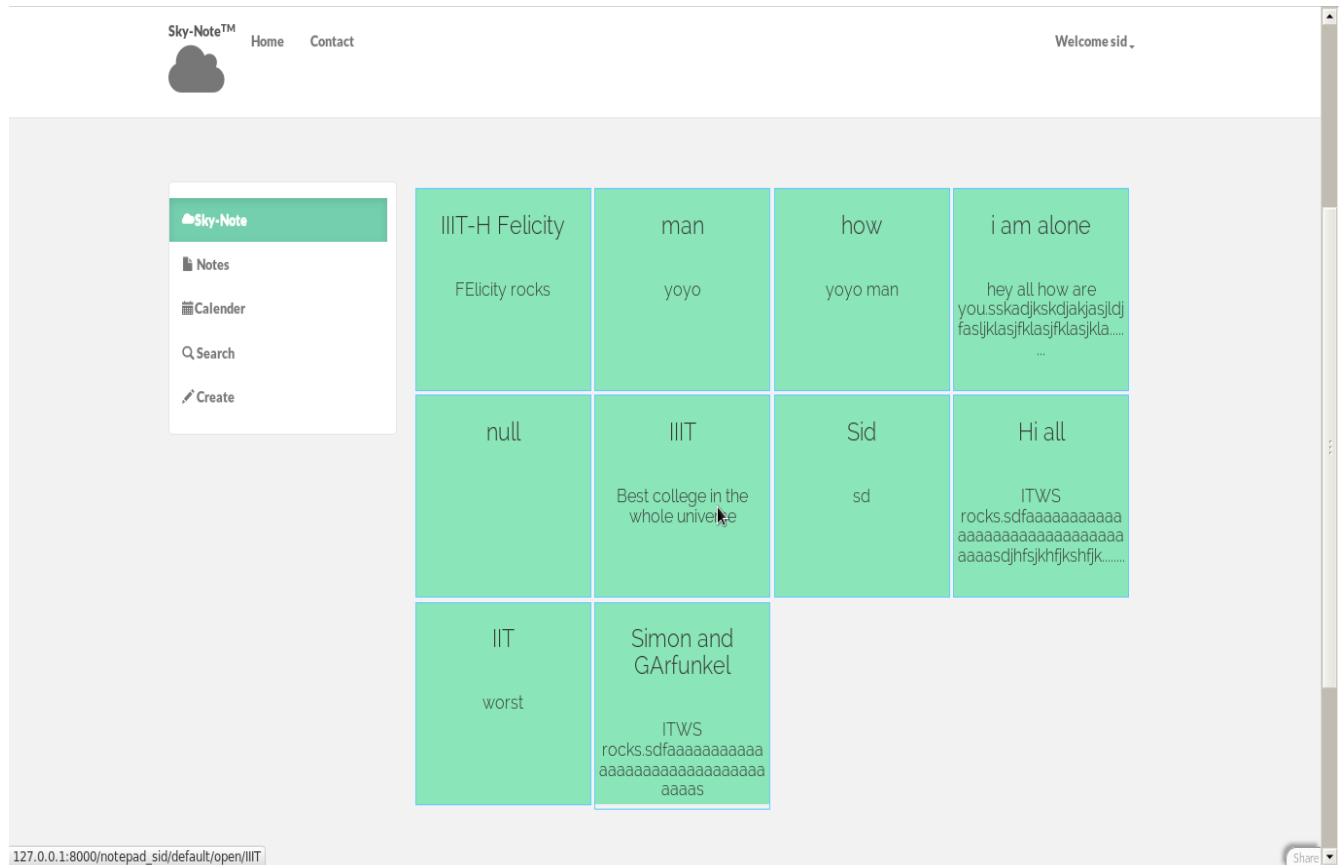
The Search box on filling will show suggestions as shown below:



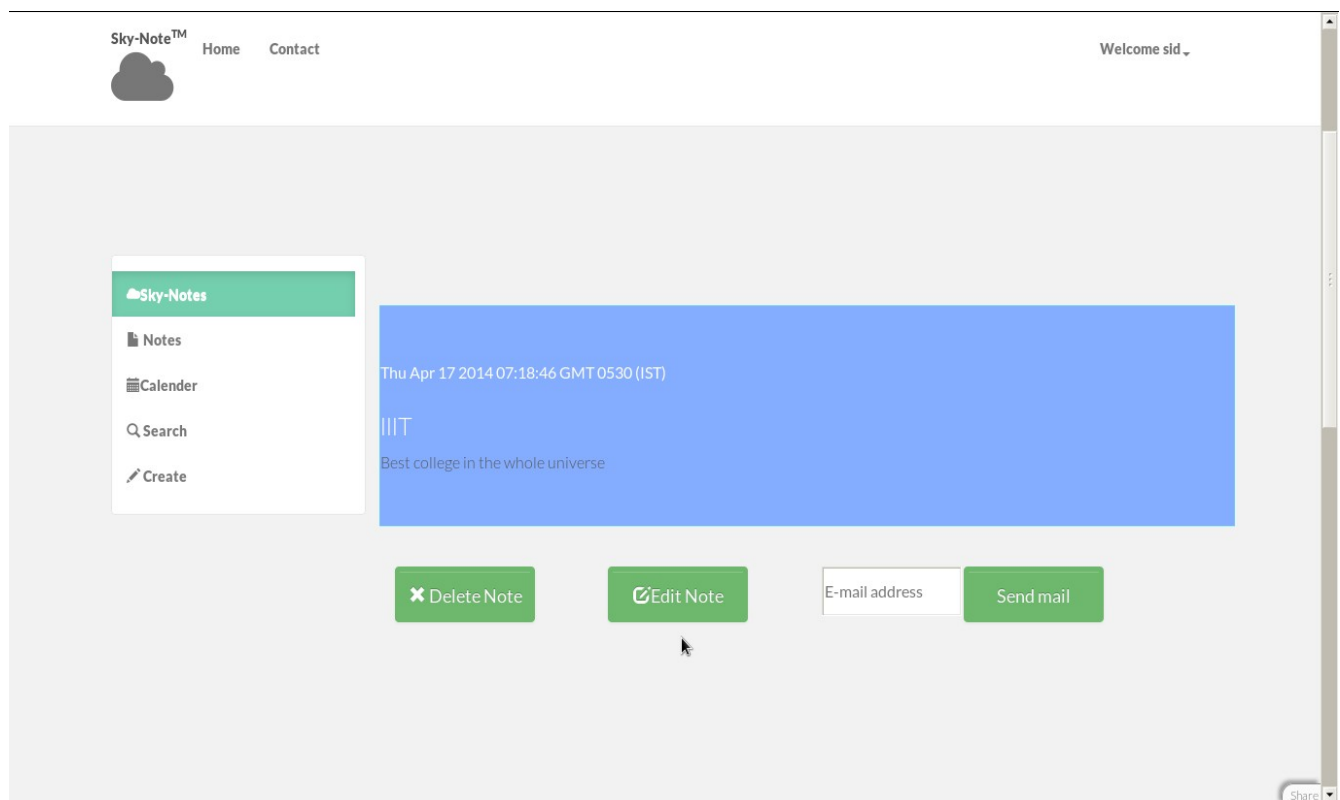
Clicking a search option will auto-fill the input box and then click on the button which will redirect you to open page of the selected note.

6. Open a Note

Click on a Note in view_all page:



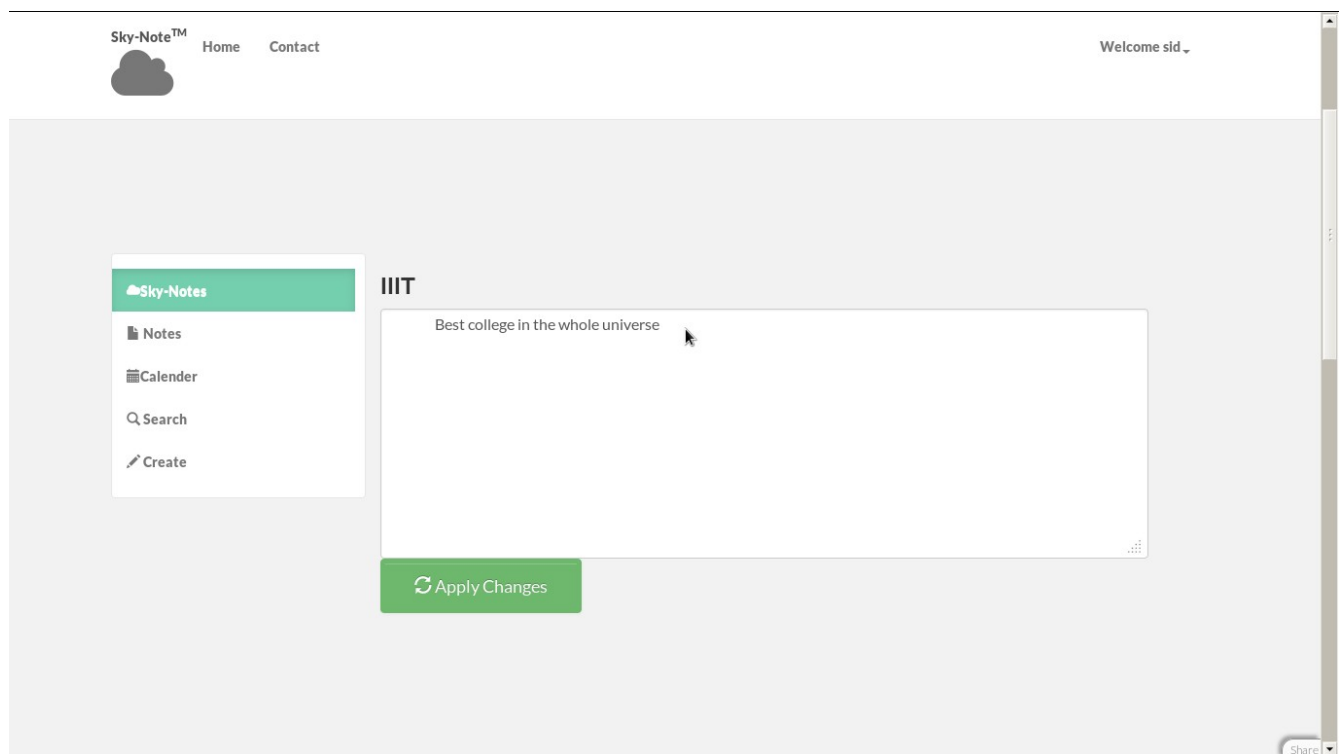
It will open the Note you clicked on:



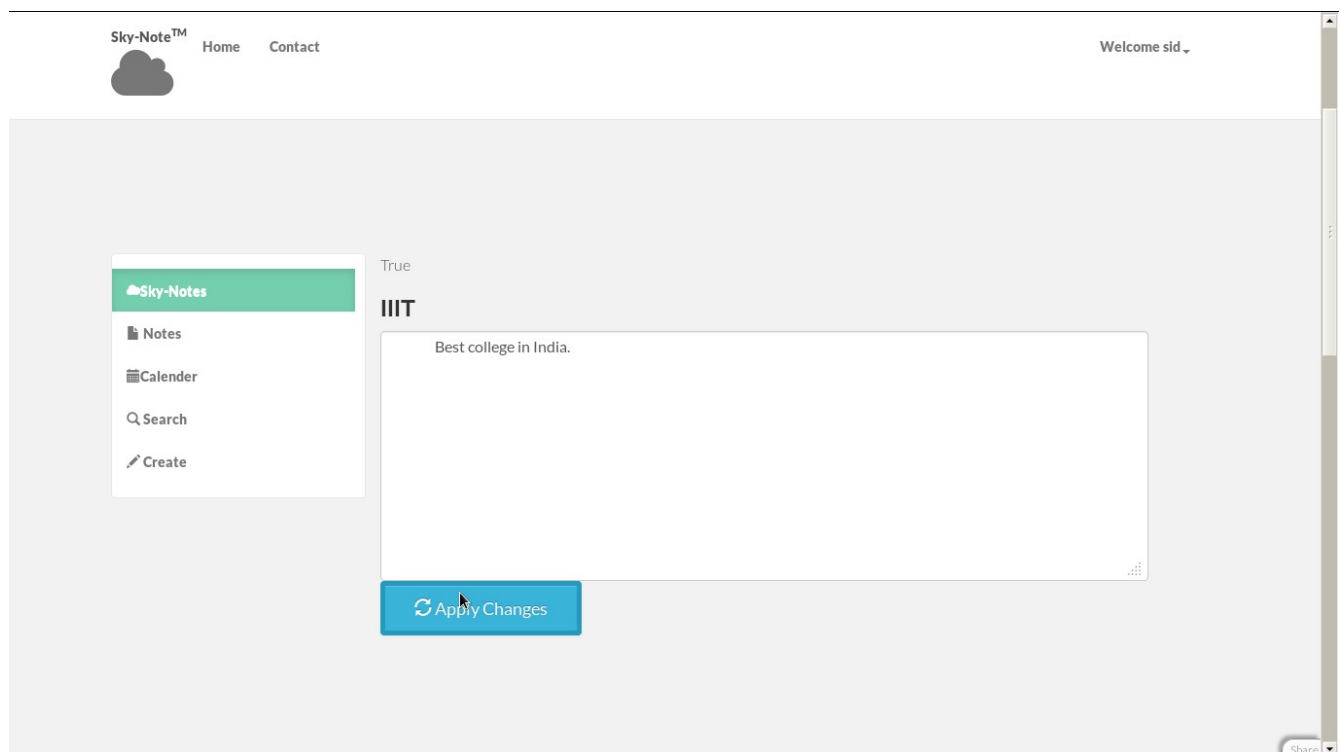
The view of your note is shown above. This display page will also display the last modification date of your note at the top.

7. Edit a Note

Click on the Edit Note button in the open page of a Note. You will be redirected to edit note page:



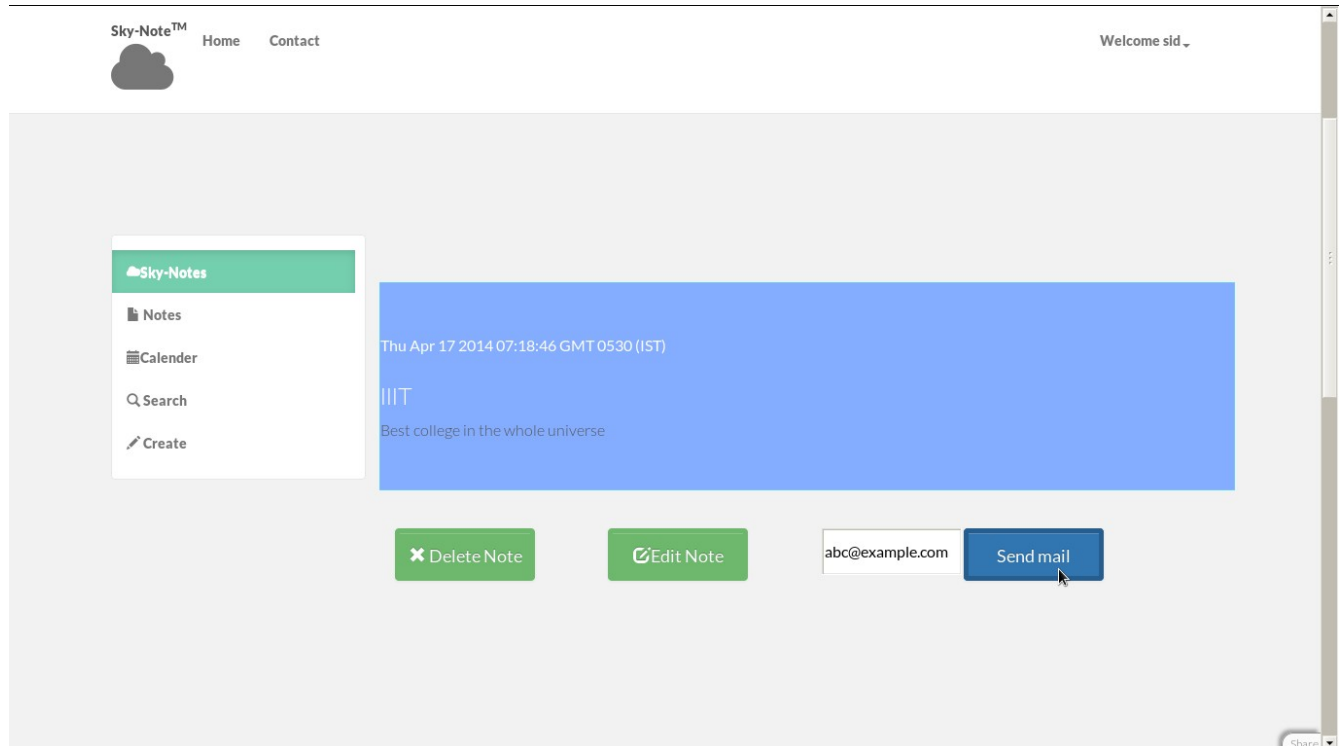
Now edit the content in the text-box and click on the Apply Changes Button. You will see true on the top which implies that changes are successfully applied:



You can open the note again from “Notes”. Observe that the modification date is changed to the time of editing.

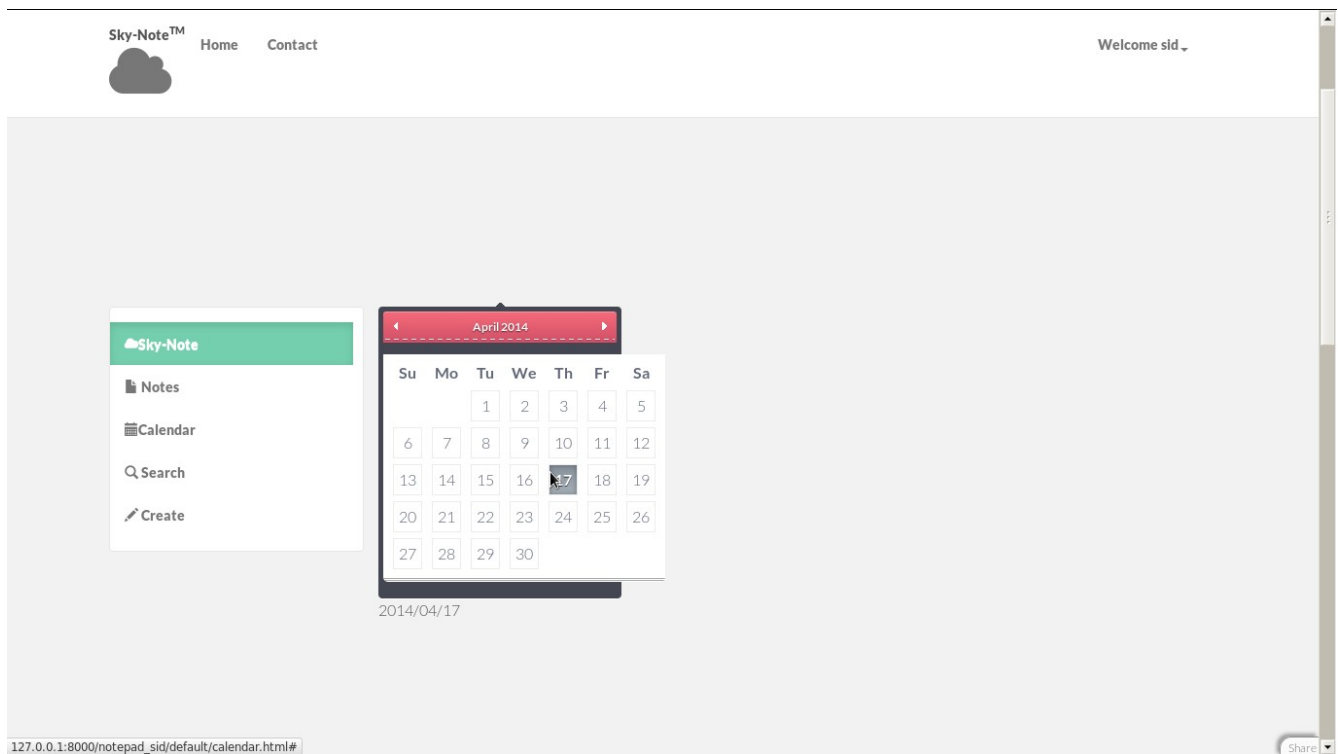
8. Mail a Note

You can mail a note to someone's email-id by just writing the id in the input box of Send Email button.



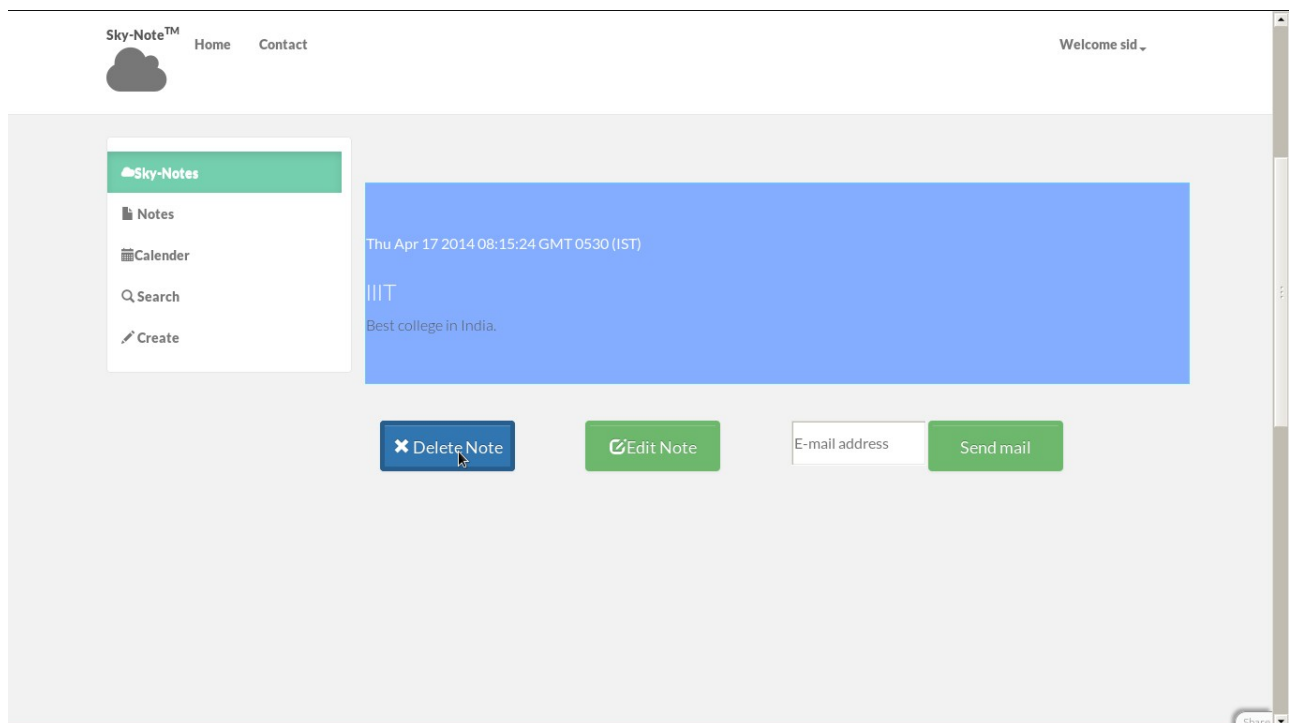
9. Calendar

You can view the calendar of the months by clicking on the calendar option on the navigation bar.

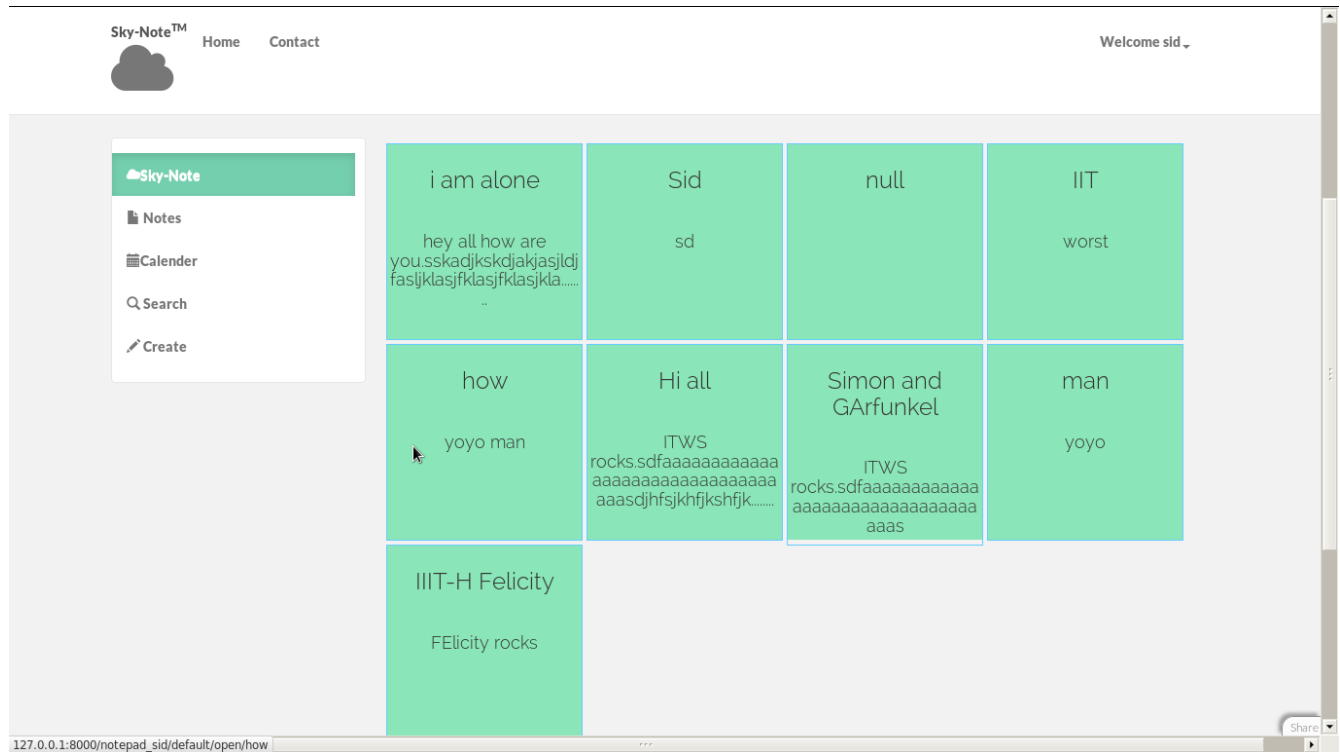


Switch the months by clicking on the left-right arrow keys. This is just a simple 'to view' calendar made for the convenience of a user.

10.Delete a Note



Click on the Delete Note button in the open page.
You will be redirected to the view_all notes page after the Note gets deleted:



The note gets deleted.