Project: **Dynamic Model Storage**

Using your preferred programming language and SQL database create model with one static property (identifier) and possibility to add / remove another dynamic properties. Model should have implemented basic methods like store to database and load from database by any property, condition (eg. like, <, =, >, ...) and its value. Database storage should respect property's datatypes
Create simple UI with following options:
- list displaying existing objects stored in db
- add new and remove existing object
- add / remove properties of existing object
- search by property name, condition and value
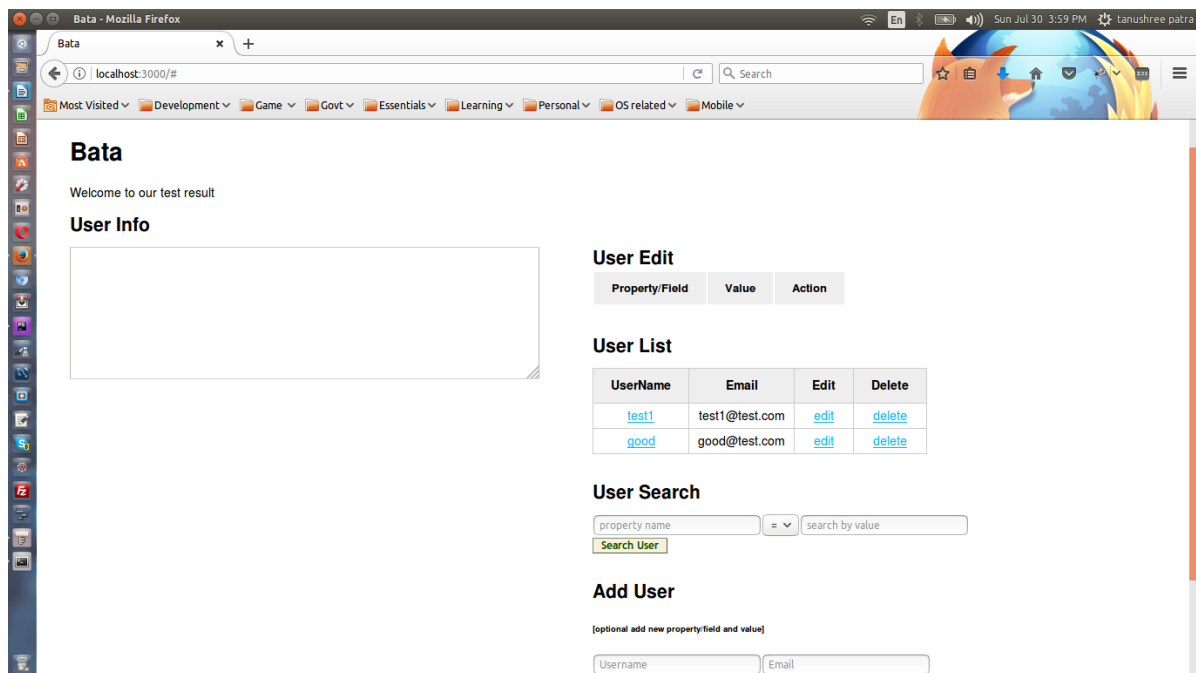Feel free to show all your additional powers: JavaScript / AJAX, CSS, HTML

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Solution:

Technology Used

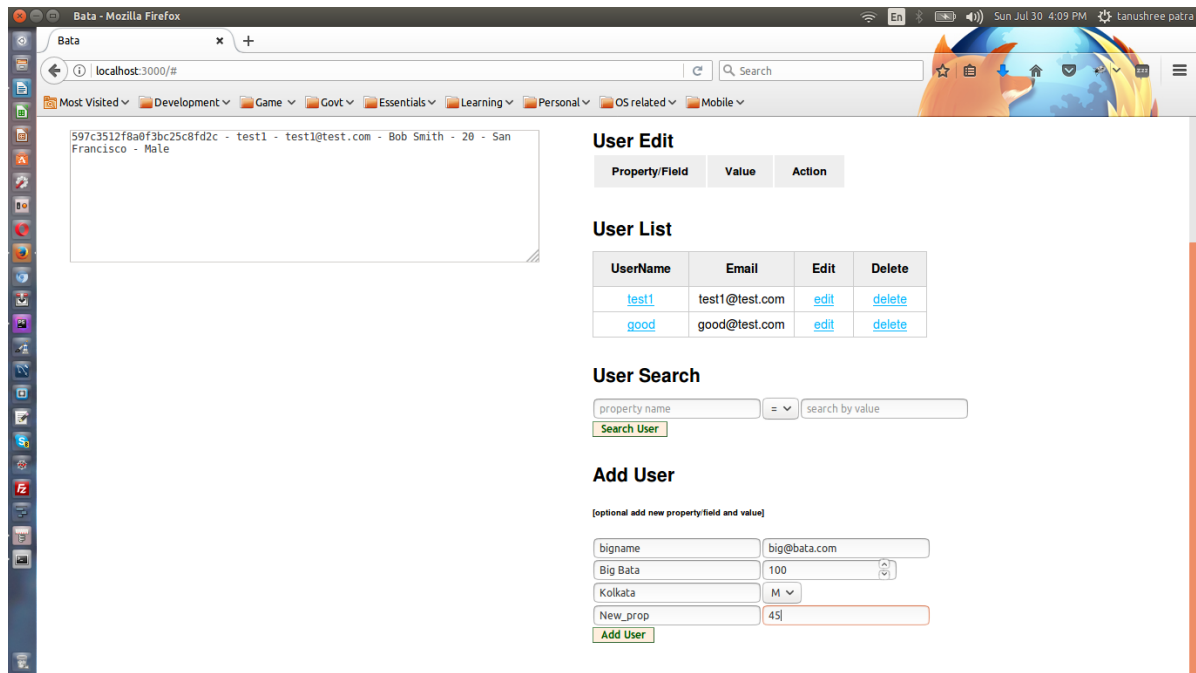NojeJs 8.2.1, MongoDb 3.4.6, jade, express stack.
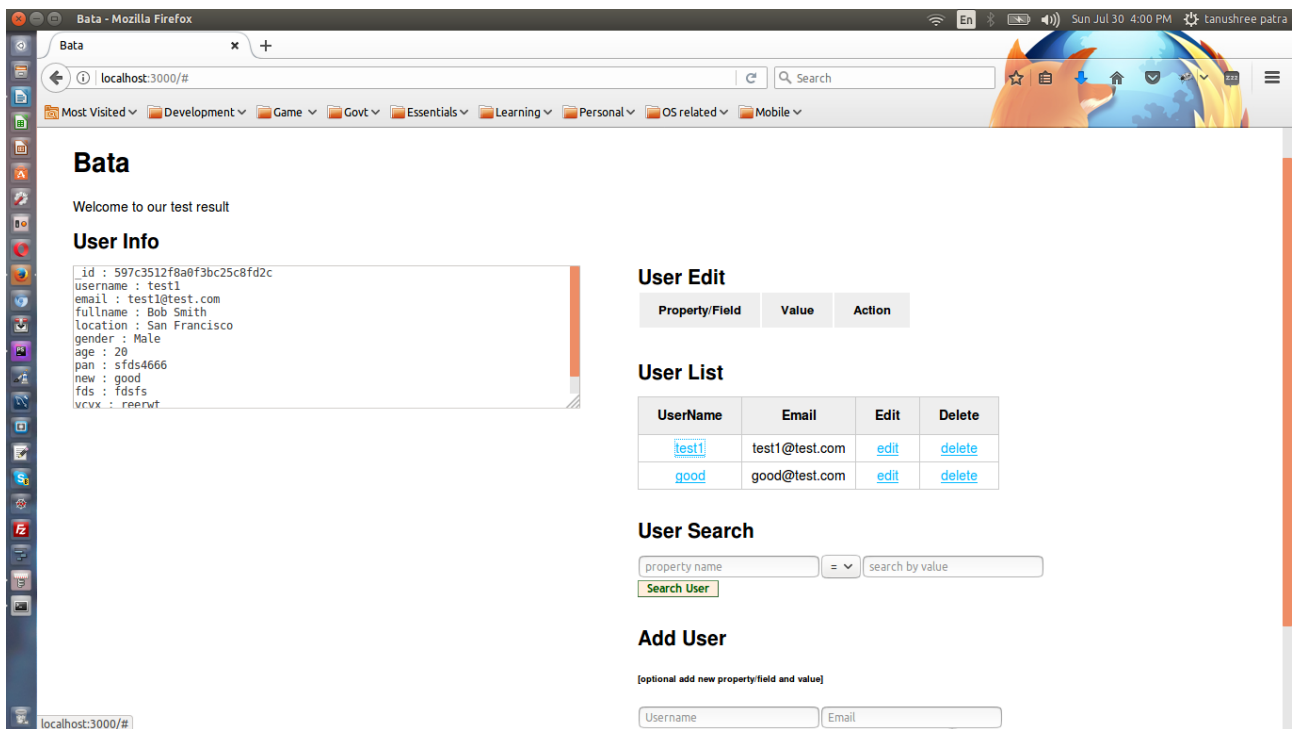
Pages
- **Home**

There are multiple functions implemented to see the actions in same page.
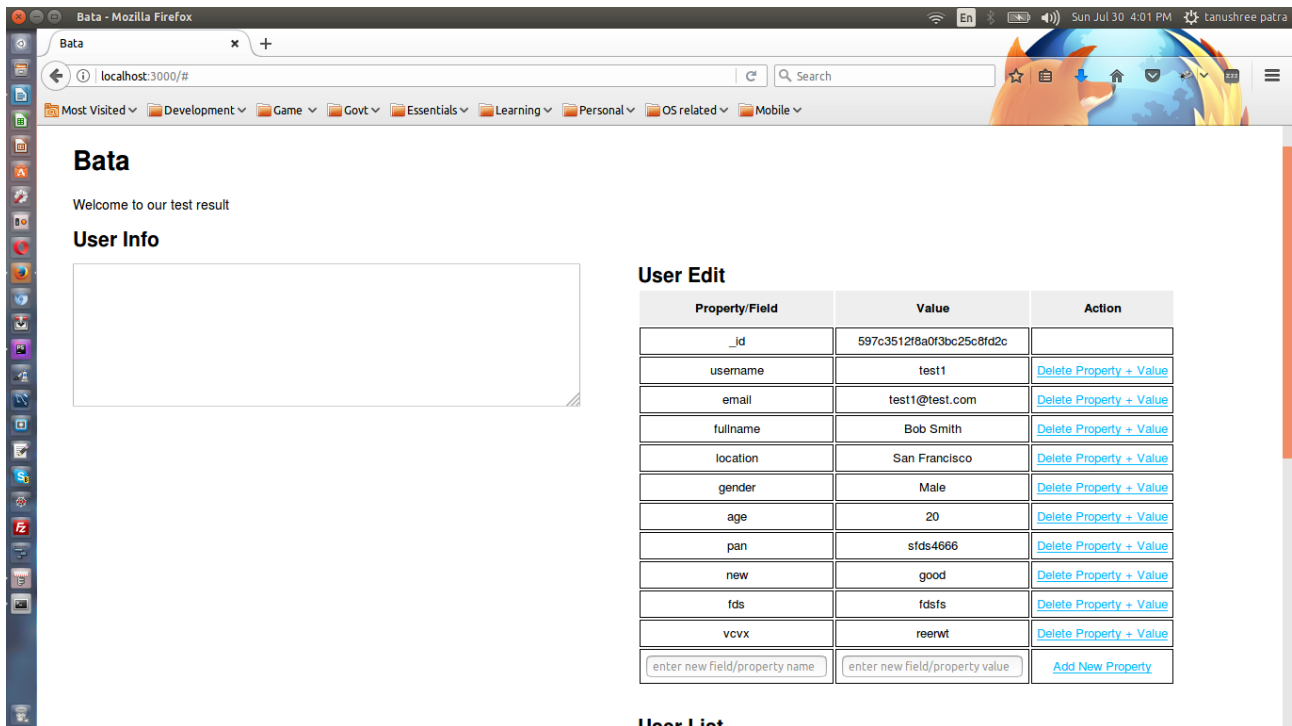
First time appears it will display all existing users [documents] with different process provisions.
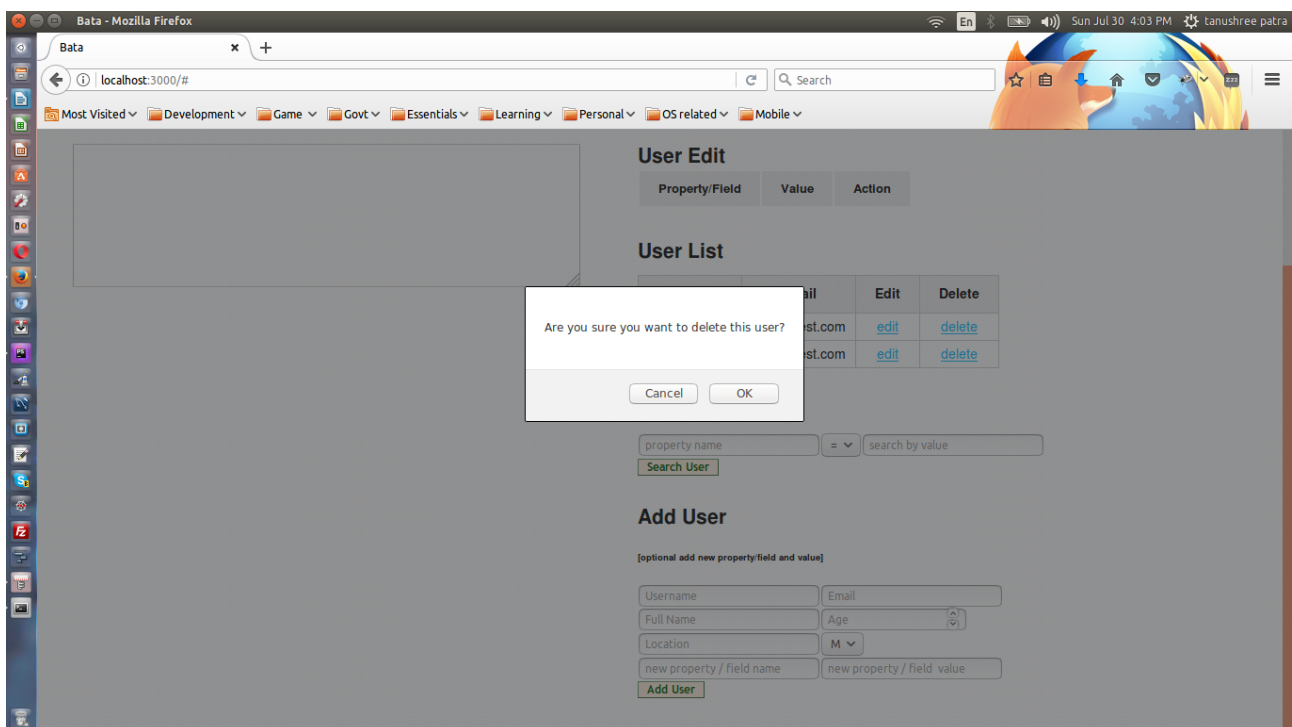
Add new user [document] along with new property/field to the existing structure.
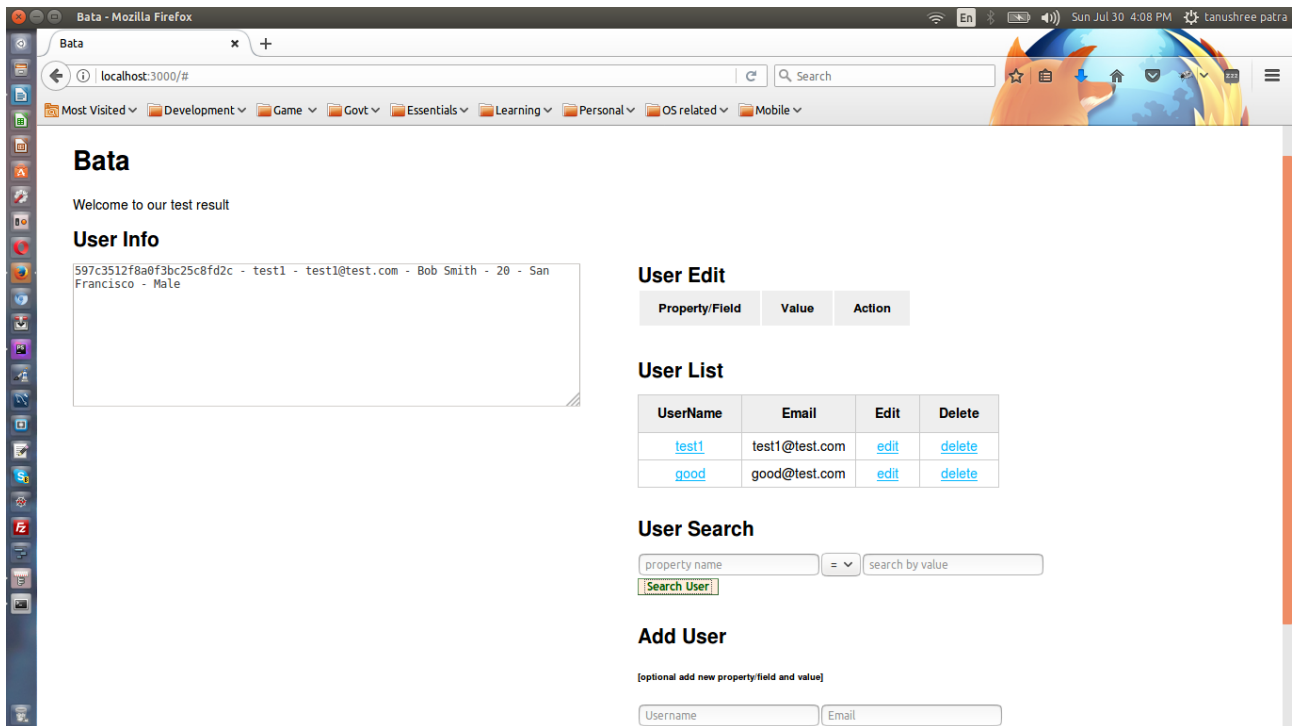

On click on user name from User List data it will display user [document] details with dynamic no of property available for that specific row or document.
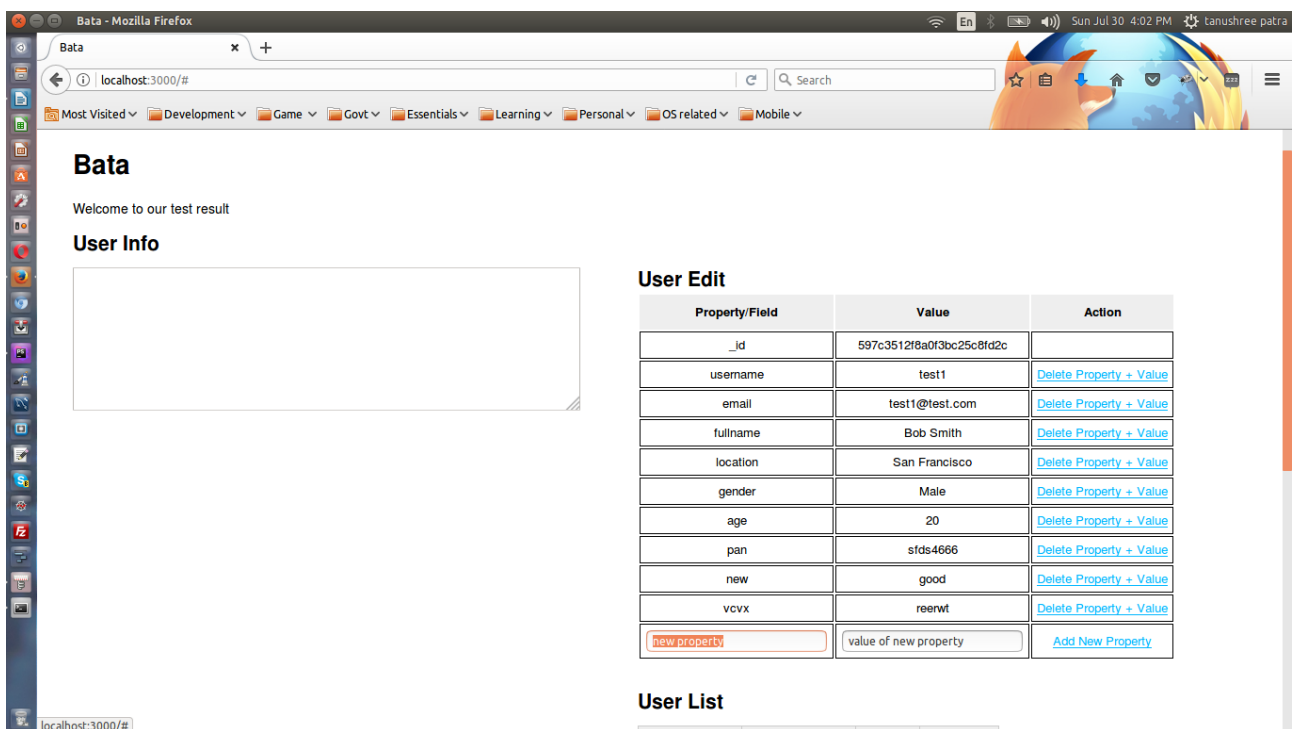
On click of edit link from User List table it will provide to edit that document / record. **Along with delete a property from existing record and add a new property to existing record.**
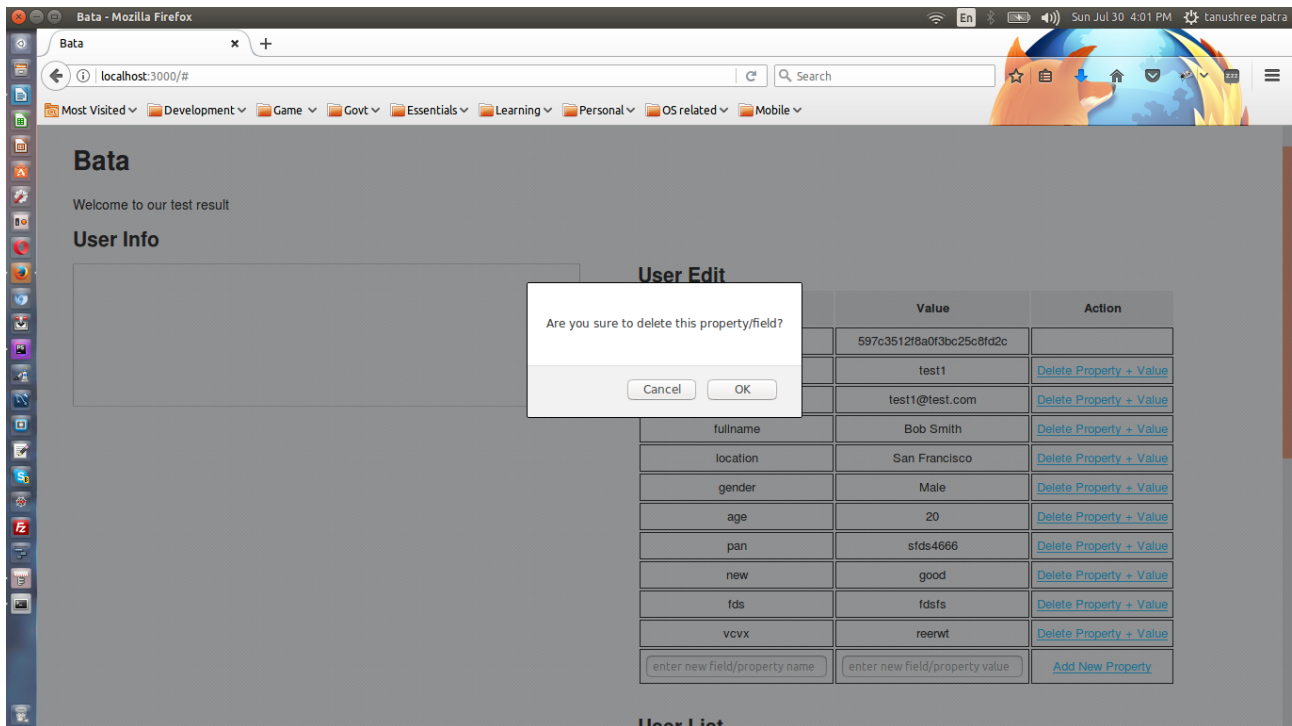

Delete a whole document /record by click on delete link on User List table.

Search a document by Conditions with Property Name + operator + value.

Add new property to existing document / record.

Delete a property from existin document / record.

Document Folder

/documents/

How to install

- Extract the zip [incase you are not cloning from Github/repo].
- Keep the folder with full permission into your localhost
- Create a virtual host to name bata for it
- Create a database name into mongodb "nodetest2" [or change the name along with config in app.js
- run command
  - npm install
- give folders permissions
- change configurations for your application

Conclusion:

Due to time constraint I couldn't make test cases with mocha. Also design and css are not very good. But I have tried to complete the functionality with correct way.

I have kept a screen cast video also in documents folder.

How to run

- go to browser and type your virtual host eg. http://bata/ after run the command "npm start"

Any question or issue kindly contact me at dhiraj.patra@gmail.com or skype: dhirajpatra
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