

Assignment 7

Demonstration (CRUD operations) of MongoDB using Sign Up and Sign In pages:

Step 1:

When the user enters into the homepage, it asks to Sign In. User can sign in or needs to register if he/she is not yet joined.

Below figure shows how the user enters the username and password and is ready to enter into the home screen.

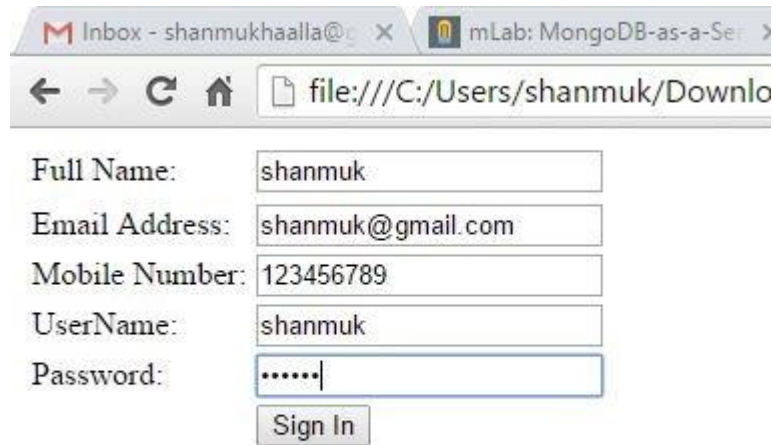


The screenshot shows a web browser window with three tabs: 'Inbox - shanmukhaalla@...', 'mLab: MongoDB-as-a-Se...', and 'Google'. The address bar displays 'file:///C:/Users/shanmuk/Downloads/assignment%'. Below the browser, there is a sign-in form with the following elements:

- A label 'UserName:' followed by a text input field containing the text 'shanmuk'.
- A label 'Password:' followed by a password input field containing seven dots '.....'.
- Two buttons: 'Sign Up' and 'Sign In'.

Step 2:

The below figure shows the Sign Up page for the first time users:



Full Name: shanmuk

Email Address: shanmuk@gmail.com

Mobile Number: 123456789

UserName: shanmuk

Password:|

Sign In

Corresponding MongoDB collections' screenshot:

```
Home : { db : "shanmuk", collection : "students" }
Document: 56e14416e4b02bebd0d5c80

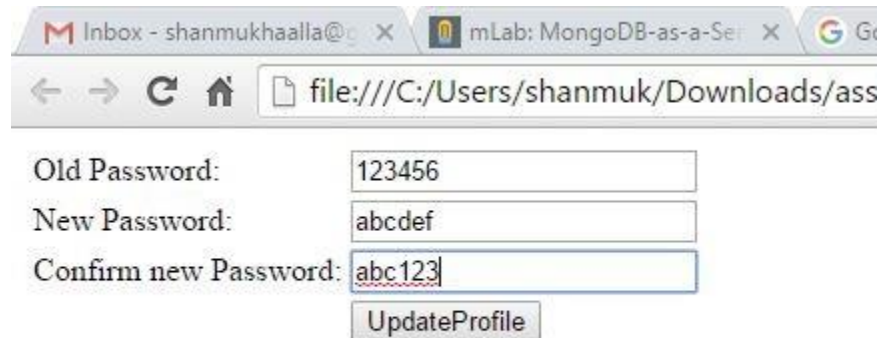
Edit document (view keyboard shortcuts)

1 {
2   "_id": {
3     "$oid": "56e14416e4b02bebd0d5c80"
4   },
5   "Full Name": "shanmuk",
6   "Email Address": "shanmuk@gmail.com",
7   "Mobile Number": "123456789",
8   "UserName": "shanmuk",
9   "Password": "shanmuk"
10 }
```

Step 3:

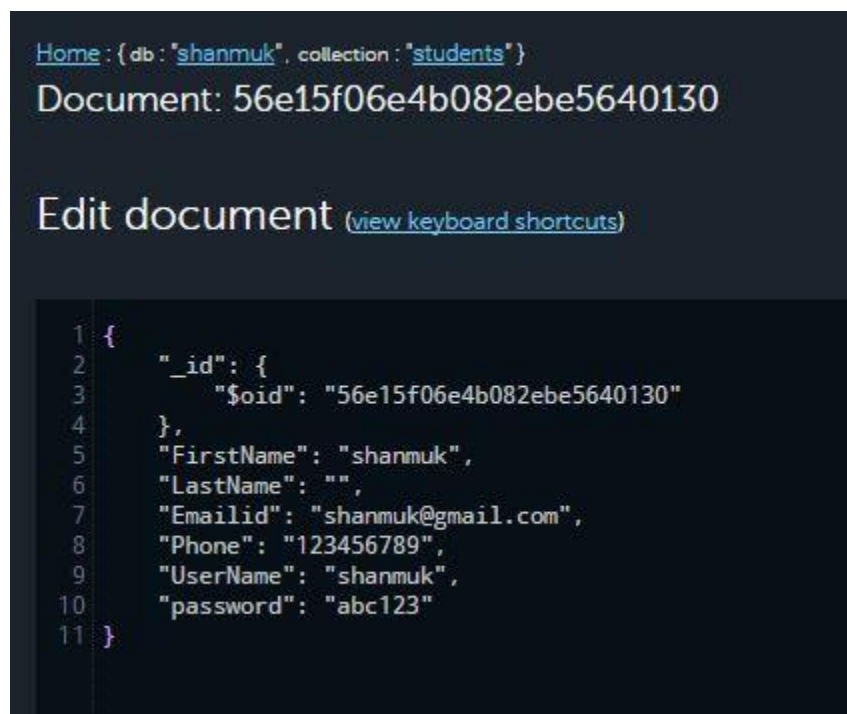
As soon as the user enters into the home screen, he/she can either update his password or he/she can deactivate if thinks needed.

The below figure shows how update of password happens.



The screenshot shows a web browser window with three tabs: 'Inbox - shanmukhaalla@...', 'mLab: MongoDB-as-a-Service', and 'Google'. The address bar shows a file path: 'file:///C:/Users/shanmuk/Downloads/ass...'. Below the address bar is a form with three input fields and one button. The first field is labeled 'Old Password:' and contains '123456'. The second field is labeled 'New Password:' and contains 'abcdef'. The third field is labeled 'Confirm new Password:' and contains 'abc123'. Below the third field is a button labeled 'UpdateProfile'.

Corresponding MongoDB collections' screenshot:

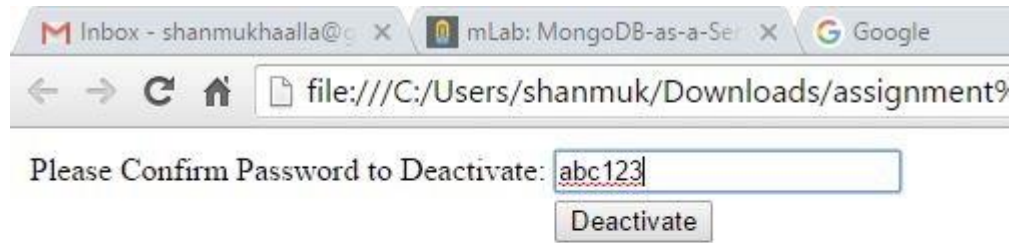


The screenshot shows the MongoDB MLab interface. At the top, it says 'Home: {db: "shanmuk", collection: "students"}'. Below that, it shows the document ID 'Document: 56e15f06e4b082ebe5640130'. Then, it says 'Edit document (view keyboard shortcuts)'. Below that is a code editor showing the document structure:

```
1 {
2   "_id": {
3     "$oid": "56e15f06e4b082ebe5640130"
4   },
5   "FirstName": "shanmuk",
6   "LastName": "",
7   "Emailid": "shanmuk@gmail.com",
8   "Phone": "123456789",
9   "UserName": "shanmuk",
10  "password": "abc123"
11 }
```

Step 4:

And, the below figure shows how deactivation of the account happens.



And finally after the deactivation , no documents will be present in the directory.