


## 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.



UserName: shanmuk

Password: .....

Sign Up Sign In

Corresponding MongoDB collections' screenshot is shown below:



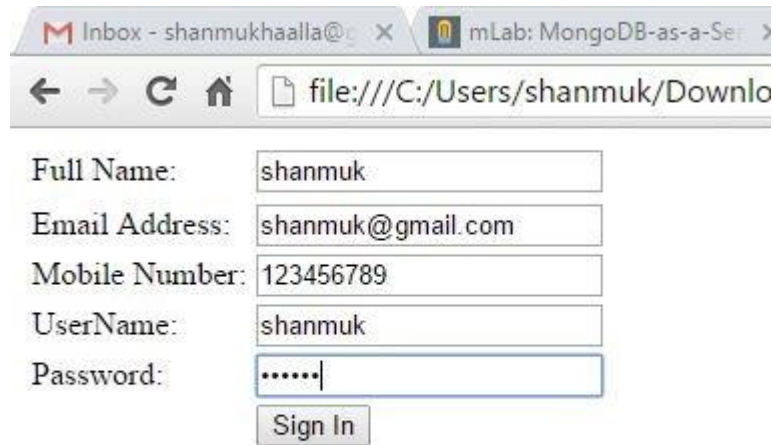
```
Home : { db : "shanmuk", collection : "students" }
Document: 56e1432de4b02bebd0d5c5c

Edit document (view keyboard shortcuts)

1 {
2   "_id": {
3     "$oid": "56e1432de4b02bebd0d5c5c"
4   },
5   "UserName": "shanmuk",
6   "Password": "123456"
7 }
```

## 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

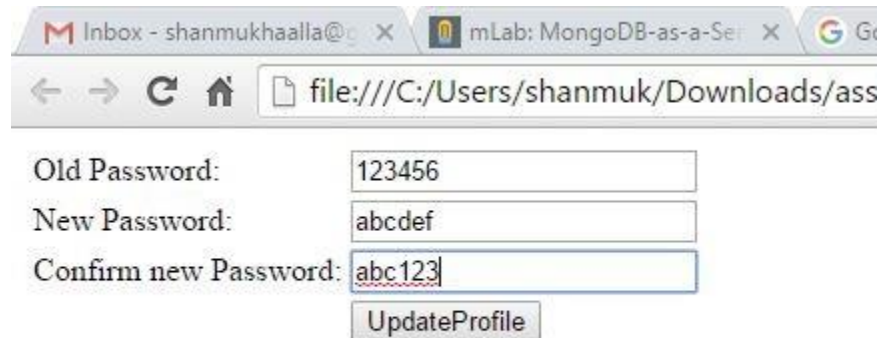
Edit document (view keyboard shortcuts)

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:

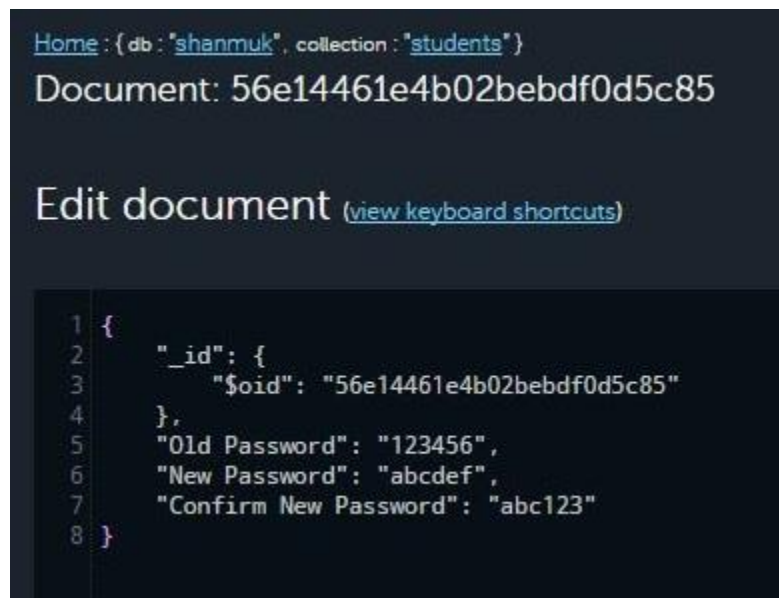
As soon as the user enters into the home screen, he/she can either update his password or he/she can deactivate if thinks needed.

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 the text '123456'. The second field is labeled 'New Password:' and contains the text 'abcdef'. The third field is labeled 'Confirm new Password:' and contains the text 'abc123'. Below the third field is a button labeled 'UpdateProfile'.

Corresponding MongoDB collections' screenshot:

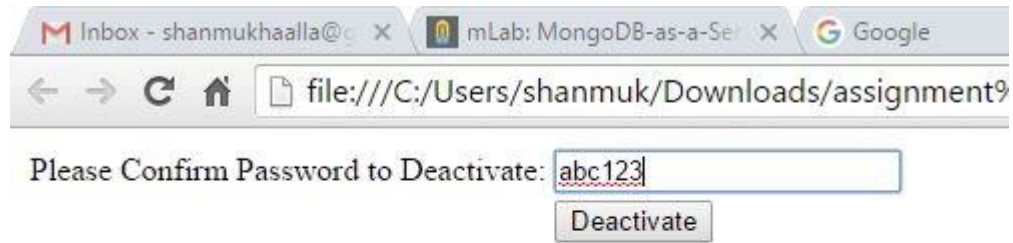


The screenshot shows the MongoDB collections interface. At the top, it says 'Home : { db : "shanmuk", collection : "students" }'. Below that, it says 'Document: 56e14461e4b02bebd0d5c85'. Then, it says 'Edit document (view keyboard shortcuts)'. Below that is a code editor showing a JSON document:

```
1 {
2   "_id": {
3     "$oid": "56e14461e4b02bebd0d5c85"
4   },
5   "Old Password": "123456",
6   "New Password": "abcdef",
7   "Confirm New Password": "abc123"
8 }
```

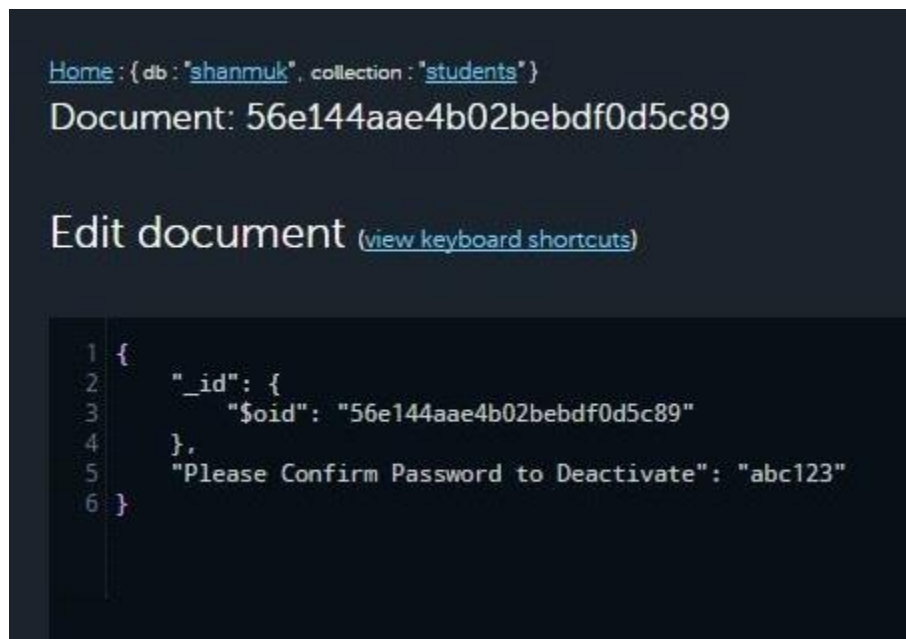
**Step 4:**

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



The screenshot shows a web browser window with three tabs: 'Inbox - shanmukhaalla@c...', 'mLab: MongoDB-as-a-Ser...', and 'Google'. The address bar displays a file path: 'file:///C:/Users/shanmuk/Downloads/assignment9'. Below the address bar, the text 'Please Confirm Password to Deactivate:' is followed by a text input field containing 'abc123'. A 'Deactivate' button is positioned below the input field.

Corresponding MongoDB collections' screenshot:



The screenshot shows the MongoDB Compass interface. At the top, it indicates the current database and collection: 'Home: { db: "shanmuk", collection: "students" }'. Below this, the document ID is shown: 'Document: 56e144aae4b02bebd0d5c89'. The main area is titled 'Edit document (view keyboard shortcuts)'. A code editor displays the following JSON document:

```
1 {
2   "_id": {
3     "$oid": "56e144aae4b02bebd0d5c89"
4   },
5   "Please Confirm Password to Deactivate": "abc123"
6 }
```

And finally after all the operations the mongoDB collection looks in the following manner:

— Start new search — ▼

## All Documents

Display mode: ☒ list ☐ table ([edit table view](#))

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```
{
  "_id": {
    "$oid": "56e1432de4b02bebd0d5c5c"
  },
  "UserName": "shanmuk",
  "Password": "123456"
}
```

```
{
  "_id": {
    "$oid": "56e14416e4b02bebd0d5c80"
  },
  "Full Name": "shanmuk",
  "Email Address": "shanmuk@gmail.com",
  "Mobile Number": "123456789"
}
```

```
{
  "_id": {
    "$oid": "56e14461e4b02bebd0d5c85"
  },
  "Old Password": "123456",
  "New Password": "abcdef",
  "Confirm New Password": "ahc123"
}
```

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