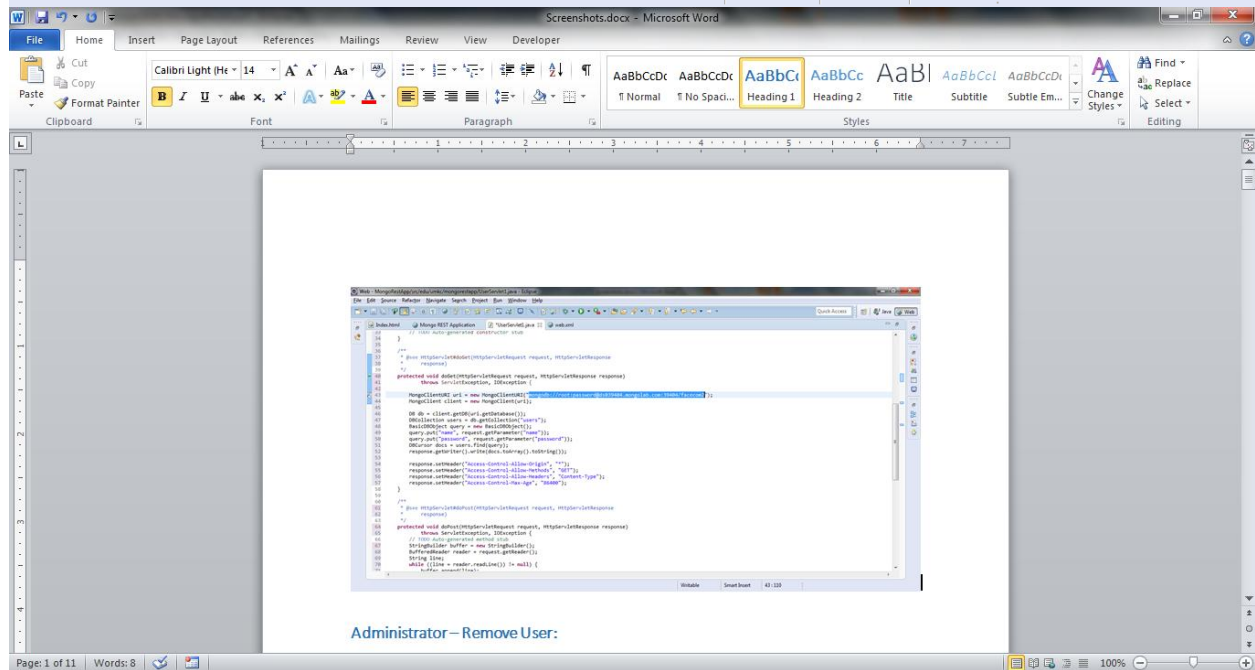


```
Web - MongoRestApp/src/edu/umkc/mongorestapp/UserServlet.java - Eclipse
File Edit Source Refactor Navigate Search Project Run Window Help

Index.html Mongo REST Application UserServlet.java web.xml

32 // TODO Auto-generated constructor stub
33 }
34
35
36 /**
37  * @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse
38  * response)
39  */
40 protected void doGet(HttpServletRequest request, HttpServletResponse response)
41     throws ServletException, IOException {
42
43     MongoClientURI uri = new MongoClientURI("mongodb://root:password@ds039404.mongolab.com:39404/facecom2");
44     MongoClient client = new MongoClient(uri);
45
46     DB db = client.getDB(uri.getDatabase());
47     DBCollection users = db.getCollection("users");
48     BasicDBObject query = new BasicDBObject();
49     query.put("name", request.getParameter("name"));
50     query.put("password", request.getParameter("password"));
51     DBCursor docs = users.find(query);
52     response.getWriter().write(docs.toArray().toString());
53
54     response.setHeader("Access-Control-Allow-Origin", "*");
55     response.setHeader("Access-Control-Allow-Methods", "GET");
56     response.setHeader("Access-Control-Allow-Headers", "Content-Type");
57     response.setHeader("Access-Control-Max-Age", "86400");
58 }
59
60 /**
61  * @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse
62  * response)
63  */
64 protected void doPost(HttpServletRequest request, HttpServletResponse response)
65     throws ServletException, IOException {
66     // TODO Auto-generated method stub
67     StringBuilder buffer = new StringBuilder();
68     BufferedReader reader = request.getReader();
69     String line;
70     while ((line = reader.readLine()) != null) {
71         buffer.append(line);
72     }
73 }
```



## Administrator – Remove User:

The image shows two screenshots of a web application. The top screenshot is the 'Login Page' with a dark header and a wood-grain background. It contains input fields for 'User Name' and 'Password', and buttons for 'Login', 'Reset', 'Register', 'Change Password', and 'Admin'. The bottom screenshot shows the 'Administrator' interface, which has a similar header and background. It includes a table with columns for 'Username' and 'Password', and buttons for 'Remove' and 'Home'.

**Login Page**

User Name

Password

Login

Reset

Register

Change Password

Admin

**Administrator**

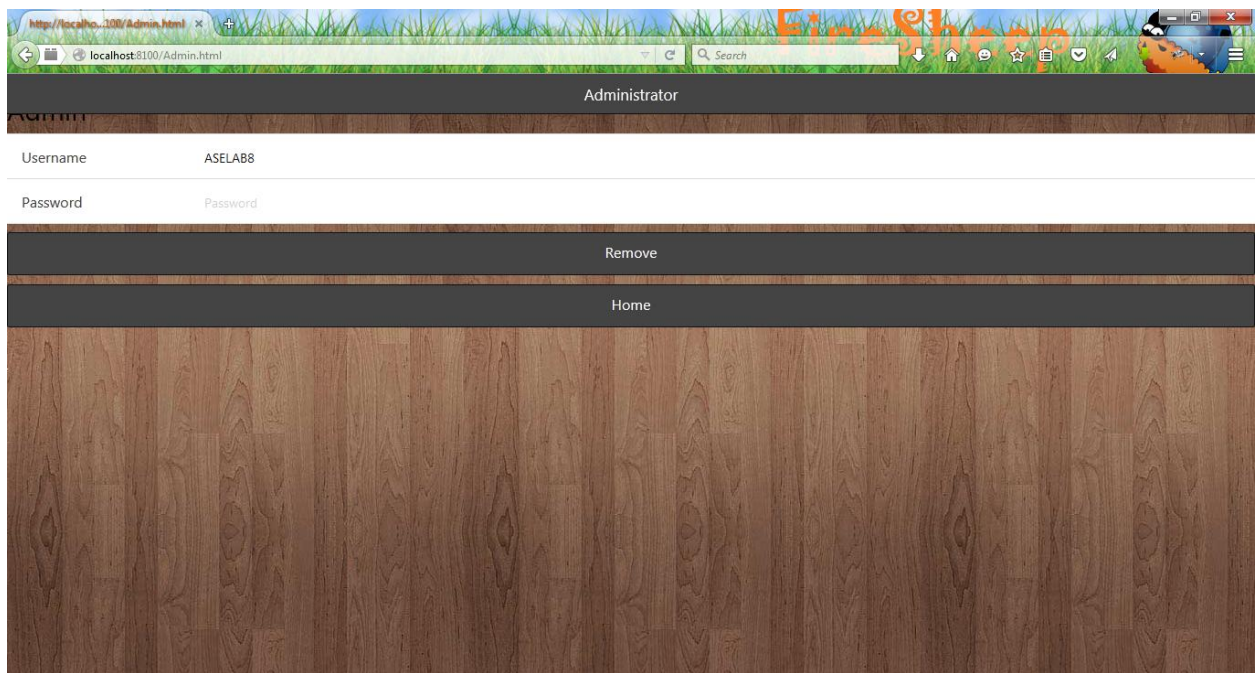
Username	Password

Remove

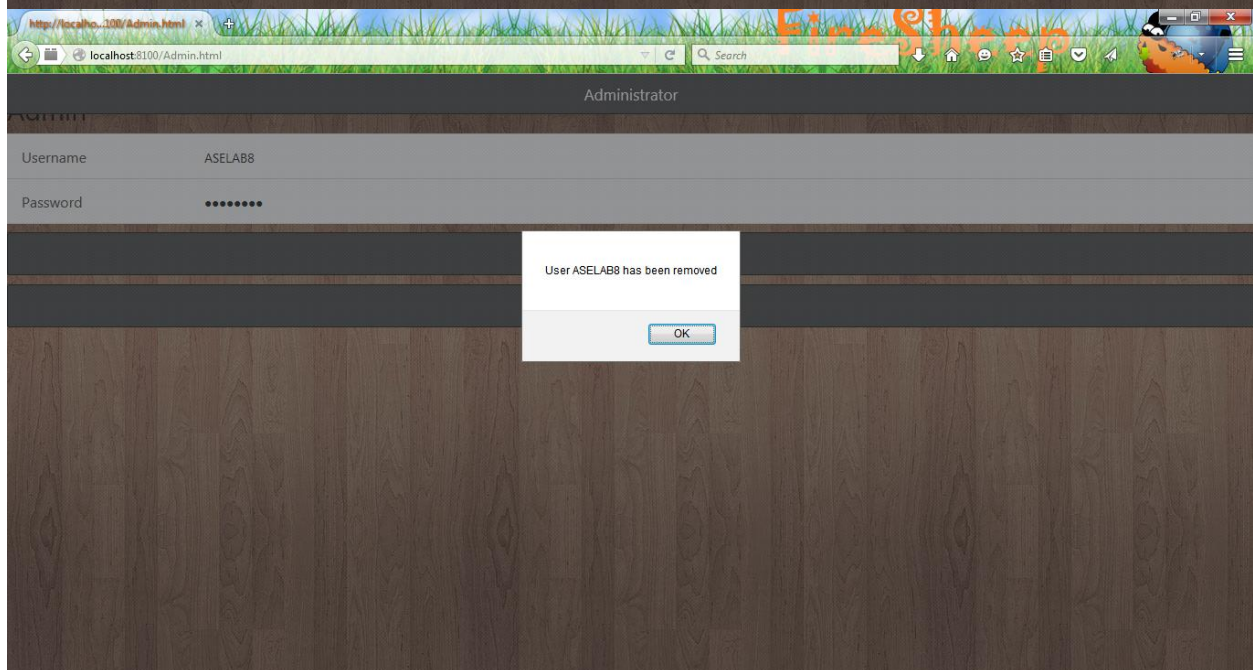
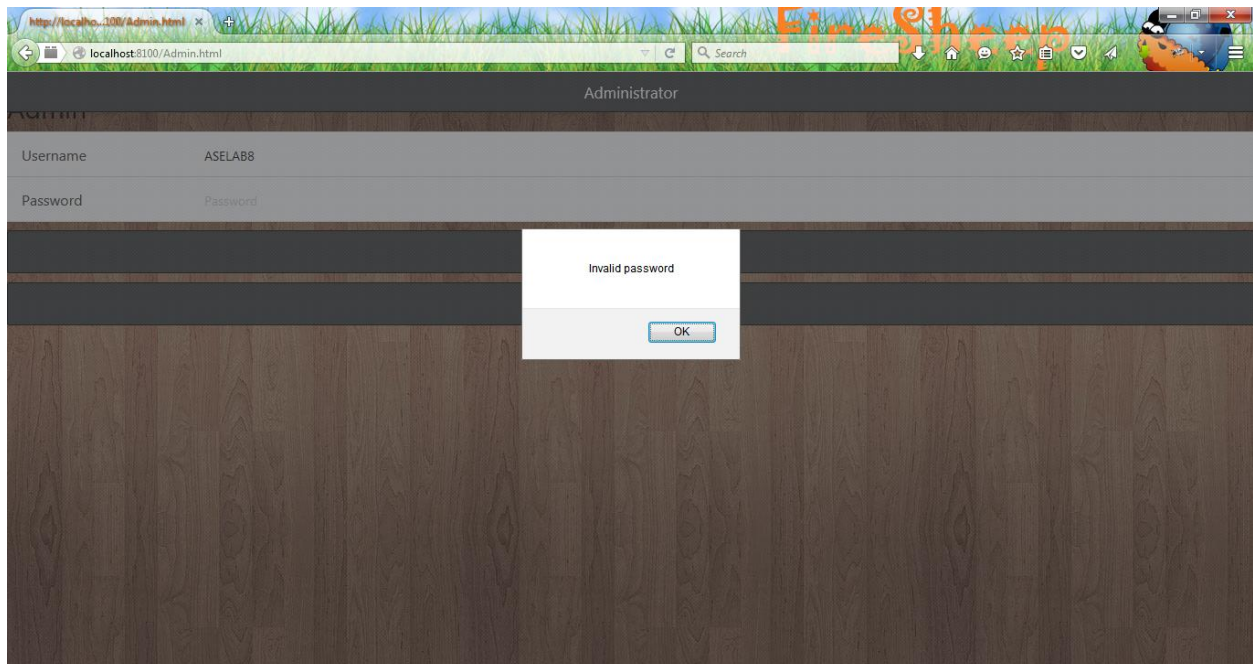
Home

```
https://api.mongolab.com: x
https://api.mongolab.com/api/1/databases/facecom2/collections/users?apiKey=osDL6aZehdu2rFRIWBc6z2HhoStlGkZ

[ { "_id" : { "$oid" : "562046d4e4b0d4c20bdd0c2e" }, "username" : "Test", "firstname" : "Check1", "lastname" : "Check2", "password" : "password", "email" : "Email" }, { "_id" : {
"$oid" : "56257977e4b0f82f10b6a3bc" }, "username" : "aldatik", "firstname" : "Jebreel", "lastname" : "Khurmi", "password" : "Samb2381", "email" : "alfatik.jl@gmail.com" }, { "_id" : {
"$oid" : "56257b62e4b0c7e866d4d46c" }, "username" : "sowmya", "firstname" : "sowmya", "lastname" : "yelmati", "password" : "123", "email" : "syvd@gmail.umkc.edu" }, { "_id" : {
"$oid" : "56257be0e4b0c7e866d4d4f9" }, "username" : "Sravanthi", "firstname" : "Sravanthi", "lastname" : "Dama", "password" : "123", "email" : "Sravanthichoudary15@gmail.com" }, { "_id" : {
"$oid" : "56257be1e4b0f82f10b6a9aa" }, "username" : "Sravanthi", "firstname" : "Sravanthi", "lastname" : "Dama", "password" : "123", "email" : "Sravanthichoudary15@gmail.com" }, {
"_id" : { "$oid" : "562e8be1e4b0322f4a60a42b" }, "username" : "Sowmya", "firstname" : "Sowmya", "lastname" : "Velmati", "password" : "123", "email" : "Sov@gmail.com" }, { "_id" : {
"$oid" : "562f0c6ee4b0ba67501b1e8b" }, "username" : "kaustub1", "firstname" : "Kaustub", "lastname" : "Kammara", "password" : "password", "email" : "email@umkc.edu" }, { "_id" : {
"$oid" : "562f0e7ee4b0282e5ba15" }, "username" : "ASELAB8", "firstname" : "LAB8", "lastname" : "ASSIGNMENT", "password" : "password", "email" : "email@umkc.edu" }
```





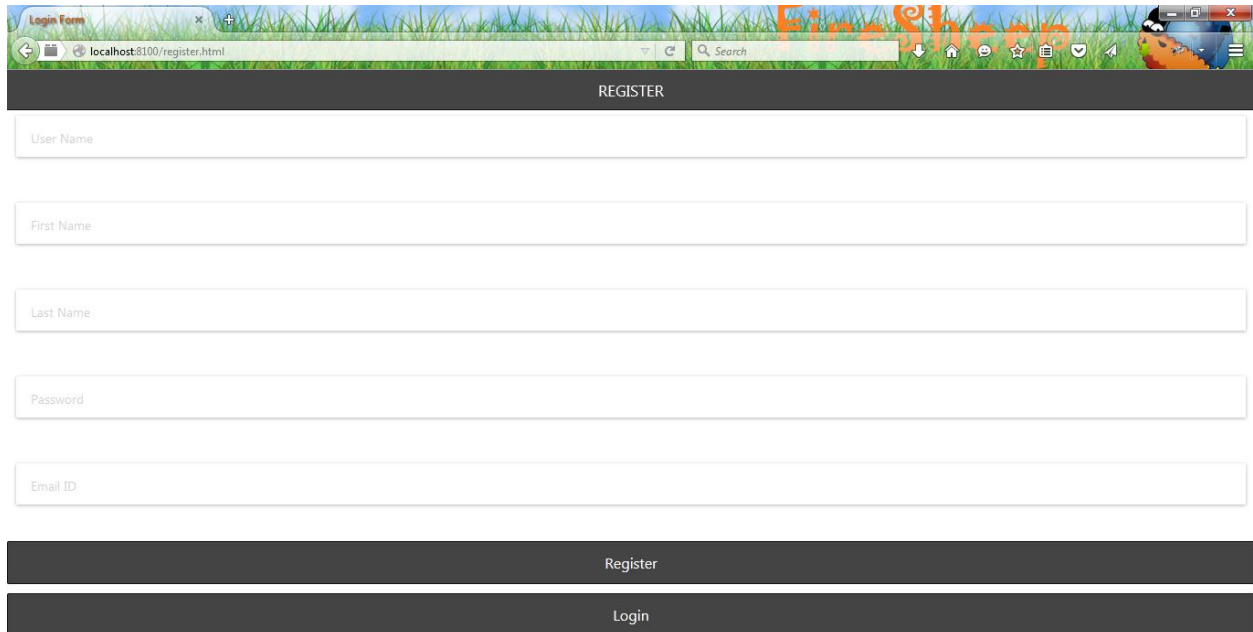


https://api.mongolab.com: x

https://api.mongolab.com/api/1/databases/facecom2/collections/users?apiKey=osDL6aZehdu2rFRIWBc6z2HhoStlIGkZ

```
[ { "_id" : { "$oid" : "562046d4e4b0d4c20bdd0c2e" }, "username" : "Test", "firstname" : "Check1", "lastname" : "Check2", "password" : "password", "email" : "Email" }, { "_id" : { "$oid" : "56257977e4b0f82f10b6a3bc" }, "username" : "aldatik", "firstname" : "Jebreel", "lastname" : "Khurmi", "password" : "Samb2381", "email" : "alfatik.jl@gmail.com" }, { "_id" : { "$oid" : "56257b62e4b0c7e866d4d46c" }, "username" : "sowmya", "firstname" : "sowmya", "lastname" : "yelmati", "password" : "123", "email" : "syvd@gmail.umkc.edu" }, { "_id" : { "$oid" : "56257be0e4b0c7e866d4d4f9" }, "username" : "Sravanthi", "firstname" : "Sravanthi", "lastname" : "Dana", "password" : "123", "email" : "Sravanthichoudary15@gmail.com" }, { "_id" : { "$oid" : "56257be1e4b0f82f10b6a9ac" }, "username" : "Sravanthi", "firstname" : "Sravanthi", "lastname" : "Dana", "password" : "123", "email" : "Sravanthichoudary15@gmail.com" }, { "_id" : { "$oid" : "562e8be1e4b0322f4a60a42b" }, "username" : "Sowmyay", "firstname" : "Sowmya", "lastname" : "Velmati", "password" : "123", "email" : "Sow@gmail.com" }, { "$oid" : "562f0c6ee4b0ba67501b1e8b" }, "username" : "kaustub1", "firstname" : "Kaustub", "lastname" : "Kammara", "password" : "paszword", "email" : "email@umkc.edu" ] }
```

## Register User:



REGISTER

User Name

First Name

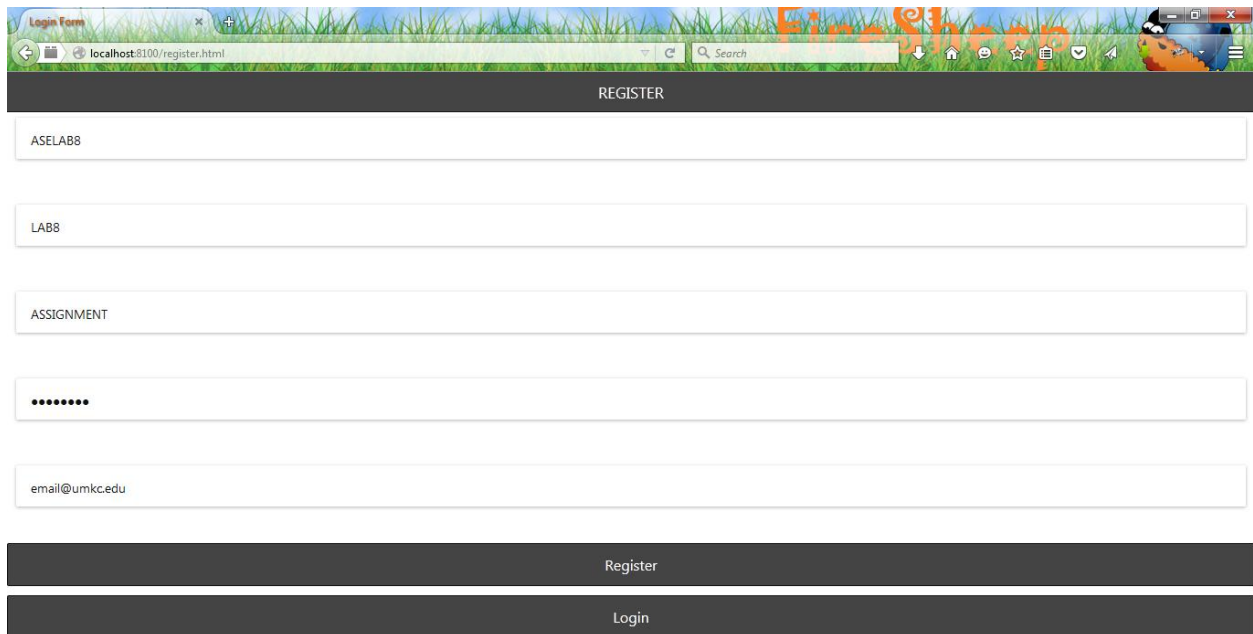
Last Name

Password

Email ID

Register

Login



REGISTER

ASELAB8

LAB8

ASSIGNMENT

.....

email@umkc.edu

Register

Login

The screenshot displays a web application interface for user registration and login. The top browser window shows the 'Login Form' and the 'REGISTER' page. A modal dialog box is open, indicating 'LAB8 - User Registered Successfully' with an 'OK' button. Below the modal, there are input fields for 'ASELAB8', 'LAB8', 'ASSIGNMENT', and a password field (masked with dots). At the bottom, there are 'Register' and 'Login' buttons. A second browser window at the bottom shows a REST client with a GET request to a MongoDB API endpoint, displaying a JSON array of user data.

**REGISTER**

ASELAB8

LAB8

LAB8 - User Registered Successfully

OK

ASSIGNMENT

\*\*\*\*\*

email@umkc.edu

Register

Login

https://api.mongolab.com/api/1/databases/facecom2/collections/users?apiKey=osDL6aZehdu2rFRIWBc6z2HhoStlGkZ

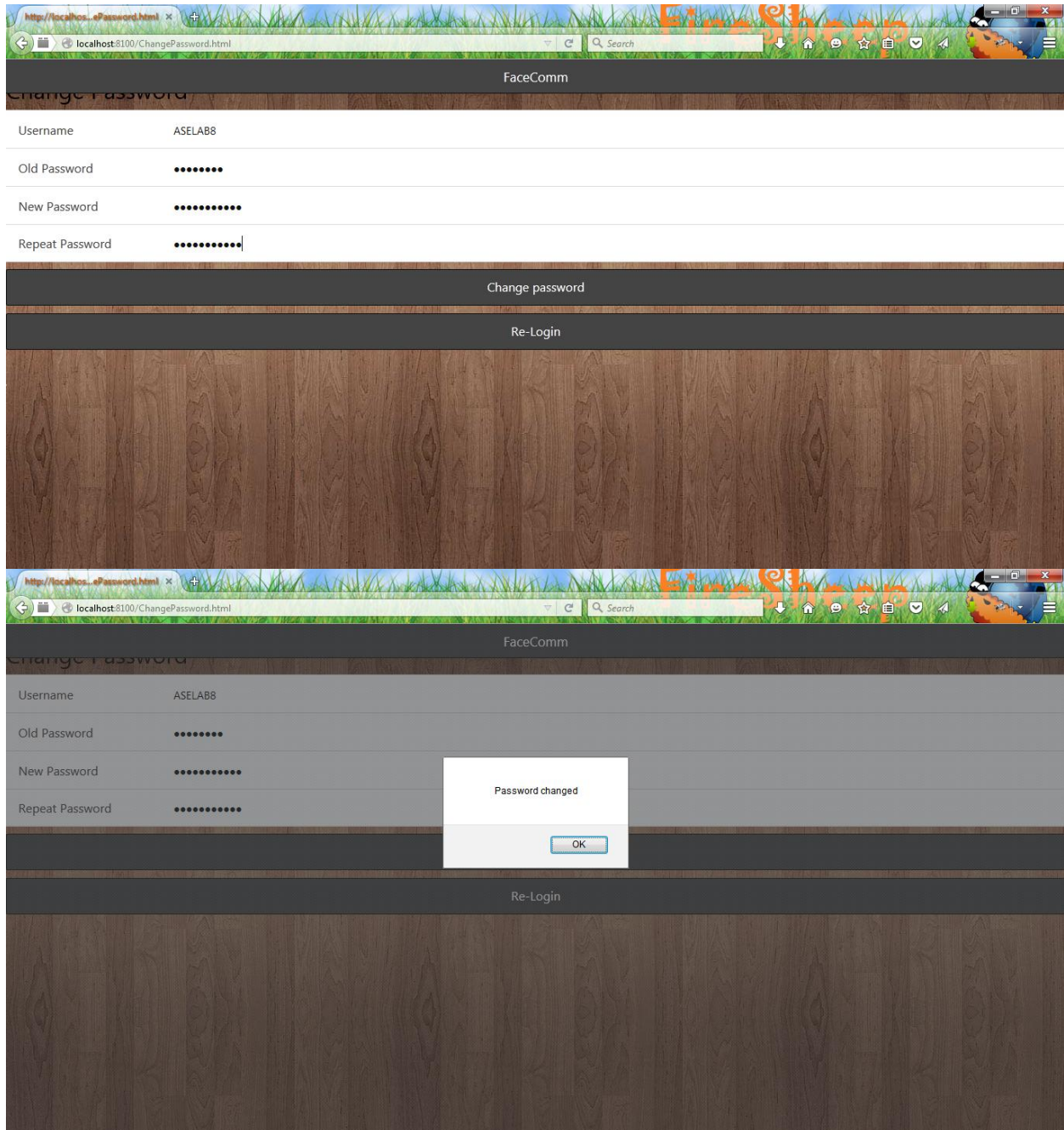
```
[{"_id": {"$oid": "562046d4e4b0d4c20bdd0c2e"}, "username": "Test", "firstname": "Check1", "lastname": "Check2", "password": "password", "email": "Email"}, {"_id": {"$oid": "56257977e4b0f82f10b6a3bc"}, "username": "aldatik", "firstname": "Jebrael", "lastname": "Khurmi", "password": "Samb2381", "email": "alfatik.jl@gmail.com"}, {"_id": {"$oid": "56257b82e4b0c7e866d4d46c"}, "username": "soumya", "firstname": "soumya", "lastname": "yelmali", "password": "123", "email": "syvd6@mail.umkc.edu"}, {"_id": {"$oid": "56257be0e4b0c7e866d4d4f9"}, "username": "Sravanthi", "firstname": "Sravanthi", "lastname": "Dana", "password": "123", "email": "Sravanthichoudary15@gmail.com"}, {"_id": {"$oid": "56257be1e4b0f82f10b6a3bc"}, "username": "Sravanthi", "firstname": "Sravanthi", "lastname": "Dana", "password": "123", "email": "Sravanthichoudary15@gmail.com"}, {"_id": {"$oid": "56257be1e4b0f82f10b6a3bc"}, "username": "Soumyay", "firstname": "Soumya", "lastname": "Yelmali", "password": "123", "email": "Sou@gmail.com"}, {"_id": {"$oid": "562f0c6ee4b0ba67591b1e8b"}, "username": "kaustubh", "firstname": "Kaustub", "lastname": "Kamara", "password": "password", "email": "email@umkc.edu"}, {"_id": {"$oid": "562f0f3c4b0ba67591b1e8b"}, "username": "ASELAB8", "firstname": "LAB8", "lastname": "ASSIGNMENT", "password": "password", "email": "email@umkc.edu"}]
```

https://api.mongolab.com: x  
https://api.mongolab.com/api/1/databases/facecom2/collections/users?apiKey=osDL6aZehdu2rFRIWBc6z2HhoStlGkZ

```
[ { "_id" : { "$oid" : "562046d4e4b0d4c20bdd0c2e" }, "username" : "Test", "firstname" : "Check1", "lastname" : "Check2", "password" : "password", "email" : "Email" }, { "_id" : { "$oid" : "56257977e4b0f82f10b6a3bc" }, "username" : "aldatik", "firstname" : "Jebreel", "lastname" : "Khurmi", "password" : "Samb2381", "email" : "alfatik.jl@gmail.com" }, { "_id" : { "$oid" : "56257b62e4b0c7e866d4d46c" }, "username" : "sowmya", "firstname" : "sowmya", "lastname" : "yelmati", "password" : "123", "email" : "syvd@gmail.umkc.edu" }, { "_id" : { "$oid" : "56257be0e4b0c7e866d4d4f9" }, "username" : "Sravanthi", "firstname" : "Sravanthi", "lastname" : "Dana", "password" : "123", "email" : "Sravanthichowdary15@gmail.com" }, { "_id" : { "$oid" : "56257be1e4b0f82f10b6a9ac" }, "username" : "Sravanthi", "firstname" : "Sravanthi", "lastname" : "Dana", "password" : "123", "email" : "Sravanthichowdary15@gmail.com" }, { "_id" : { "$oid" : "562e8be1e4b0322f4a60a42b" }, "username" : "Sowmyay", "firstname" : "Sowmya", "lastname" : "Velmati", "password" : "123", "email" : "Sow@gmail.com" }, { "_id" : { "$oid" : "562f0c6ee4b0ba67501b1e8b" }, "username" : "kaustub1", "firstname" : "Kaustub", "lastname" : "Kammara", "password" : "password", "email" : "email@umkc.edu" }, { "_id" : { "$oid" : "562f0f3ce4b0ba67501b2173" }, "username" : "ASELAB8", "firstname" : "LAB8", "lastname" : "ASSIGNMENT", "password" : "password", "email" : "email@umkc.edu" } ]
```



## Change Password:



http://localhost:8100/ChangePassword.html

localhost:8100/ChangePassword.html

FaceComm

Change Password

Username ASELAB8

Old Password .....

New Password .....

Repeat Password .....

Change password

Re-Login

http://localhost:8100/ChangePassword.html

localhost:8100/ChangePassword.html

FaceComm

Change Password

Username ASELAB8

Old Password .....

New Password .....

Repeat Password .....

Password changed

OK

Re-Login

https://api.mongolab.com/ x

https://api.mongolab.com/api/1/databases/facecom2/collections/users?apiKey=osDL6aZehdu2rFRIWBc6z2HhoStlGkZ

```
[{"_id": {"$oid": "562046d4e4b0d4c20bdd0c2e"}, "username": "Test", "firstname": "Check1", "lastname": "Check2", "password": "password", "email": "Email"}, {"_id": {"$oid": "56257977e4b0f82f10b6a3bc"}, "username": "aldatik", "firstname": "Jebreel", "lastname": "Khurmi", "password": "Samb2381", "email": "alfatik.jl@gmail.com"}, {"_id": {"$oid": "56257b62e4b0c7e866d4d46c"}, "username": "sowmya", "firstname": "sowmya", "lastname": "yelmati", "password": "123", "email": "syvd@gmail.umkc.edu"}, {"_id": {"$oid": "56257be0e4b0c7e866d4d4f9"}, "username": "Sravanthi", "firstname": "Sravanthi", "lastname": "Dama", "password": "123", "email": "Sravanthichoudary15@gmail.com"}, {"_id": {"$oid": "56257be1e4b0f82f10b6a9ac"}, "username": "Sravanthi", "firstname": "Sravanthi", "lastname": "Dama", "password": "123", "email": "Sravanthichoudary15@gmail.com"}, {"_id": {"$oid": "562e8be1e4b0322f4a60a42b"}, "username": "Sowmya", "firstname": "Sowmya", "lastname": "Velmati", "password": "123", "email": "Sow@gmail.com"}, {"_id": {"$oid": "562f0c6ee4b0ba67501b1e8b"}, "username": "kaustub1", "firstname": "Kaustub", "lastname": "Kammara", "password": "password", "email": "email@umkc.edu"}, {"_id": {"$oid": "562f0f3ce4b0ba67501b2173"}, "username": "ASELAB8", "firstname": "LAB8", "lastname": "ASSIGNMENT", "password": "newpassword", "email": "email@umkc.edu"}]
```

http://localhost:8100/ChangePassword.html x

localhost:8100/ChangePassword.html

FaceComm

Change Password

Username	ASELAB8
Old Password	*****
New Password	NewPassword
Repeat Password	NewPassword

Old password is invalid

OK

Re-Login

## Login:

