

LAB 10 Report

Name: Sai Sriharsha S
Class id: 50

Home Page:

The screenshot shows a web browser window with multiple tabs. The active tab is titled 'Registration'. The address bar shows the URL 'localhost:63342/Source/index.html?_ijt=13e2npm2iiq357fuaj26th3u05'. The page features a scenic background image of a lake and mountains. On the left side, there is a 'Sign Up' form with the following fields: 'First Name' (containing 'First Name'), 'Last Name' (containing 'Last Name'), 'E-Mail' (containing 'abc@mail.com'), 'Password' (containing 'Password'), and 'Confirm Password' (containing 'Confirm Password'). Below these fields are two orange buttons: 'Sign Up' and 'Login'.

User 1 Details:

The screenshot shows the same web browser window as before, but the 'Sign Up' form is now filled with the following details: 'First Name' is 'sriharsha', 'Last Name' is 'sai', 'E-Mail' is 'saisriha@gmail.com', 'Password' is '*****', and 'Confirm Password' is '*****'. The 'Sign Up' and 'Login' buttons remain visible below the form.

User 2 Details:

AWS Management Cons... x Inbox (900) - ssaisriharsh... x mLab: Cloud-hosted Mo... x Mail - Sudulaguntla, Sai... x Registration x

localhost:63342/Source/index.html?_ijt=13e2npm2iiq357fuaj26th3u05

Apps Spread! Google.com Mail - Sudulaguntla, photonaturalist.net/ Keyboard Shortcuts CS5551 - 2016 Fall Tutorial on how to m webbuilder.theappbu Other bookmarks

Sign Up

First Name:
sairam

Last Name:
ram

E-Mail:
sairamk@gmail.com

Password:

Confirm Password:

Sign Up

Login

User Details in DB:

AWS Management Cons... x Inbox (900) - ssaisriharsh... x mLab: Cloud-hosted Mo... x Mail - Sudulaguntla, Sai... x Registration x

ObjectLabs Corporation [US] | https://mlab.com/databases/sriharsha/collections/lab10?q=&f=&s=&pageNum=0&pageSize=10

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Home: {db: "sriharsha"} (user: "ssaisriharsha", account: "sriharsha")

Collection: lab10

Documents Indexes Stats Tools

Documents Delete all documents in collection Add document

-- Start new search --

All Documents

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

records / page 10 [1 - 3 of 3]

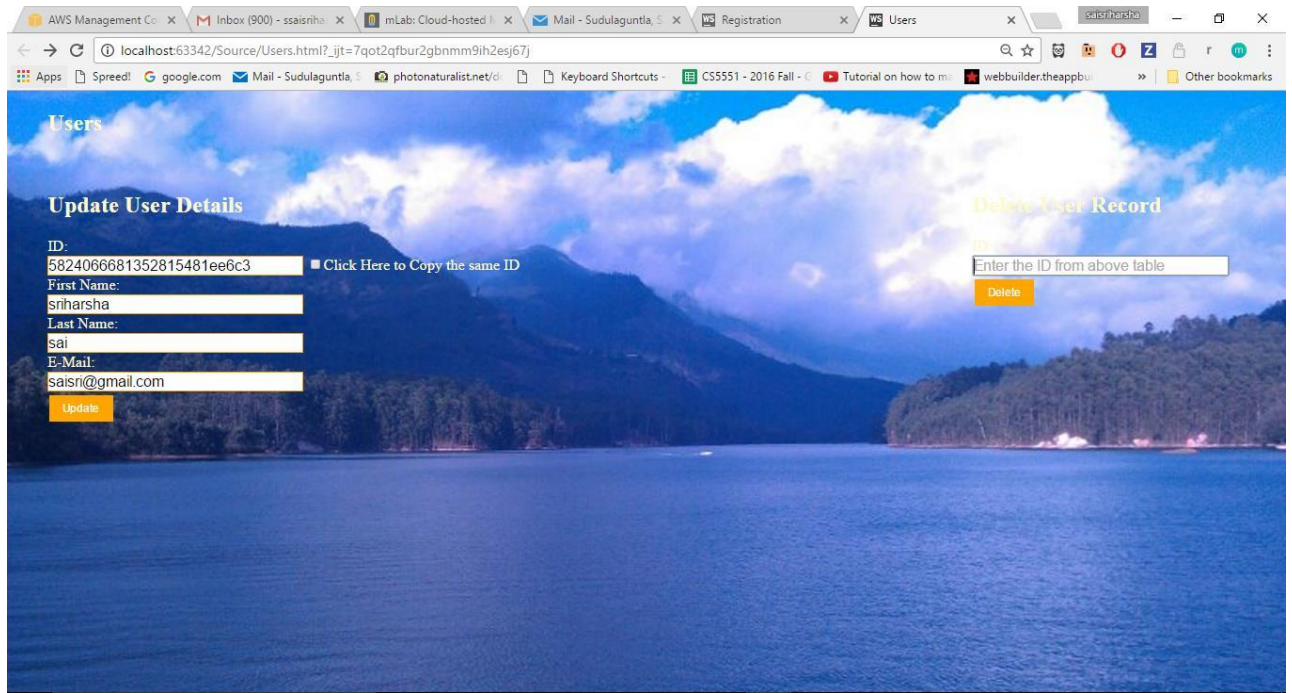
```
{
  "_id": {
    "$oid": "5824066681352815481ee6c3"
  },
  "Firstname": "sriharsha",
  "Lastname": "sai",
  "Email": "saihari@gmail.com"
}
{
  "_id": {
    "$oid": "5824068cabffc71f9cd3b0d4"
  },
  "Firstname": "sairam",
  "Lastname": "ram",
  "Email": "sairamk@gmail.com"
}
```

Documents (aka Objects)

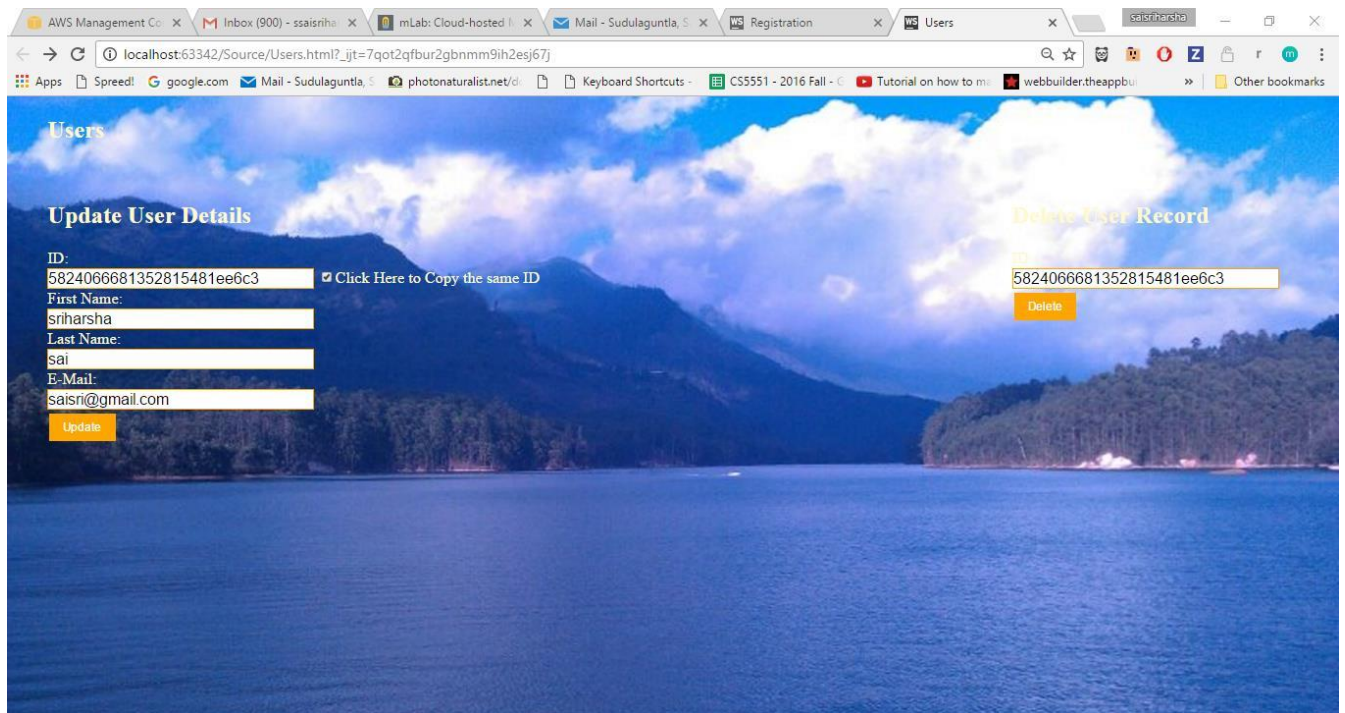
From the "Documents" tab you can browse and search for objects in this collection. All standard query constructs are supported except for `map/reduce` queries. To use `map/reduce`, use the MongoDB shell (note that temporary result collections will be viewable in mLab).

You can also add, edit, and delete individual documents from here. Bulk collection updates are not yet supported in this UI (although they are supported in the shell).

Home page:



Deletion of user1:



User 1 Deleted from DB:

Home: (db: "sriharsha")
Collection: lab10

Documents (aka Objects)

From the "Documents" tab you can browse and search for objects in this collection. All standard query constructs are supported except for `map/reduce` queries. To use `map/reduce`, use the MongoDB shell (note that temporary result collections will be viewable in mLab).

You can also add, edit, and delete individual documents from here. Bulk collection updates are not yet supported in this UI (although they are supported in the shell).

Documents

Delete all documents in collection Add document

Start new search

All Documents

Display mode: list table (edit table view)

records / page 10 [1 - 2 of 2]

```
{
  "_id": {
    "$oid": "5824068cabfc71f9cd3b0d4"
  },
  "Firstname": "sairam",
  "Lastname": "ram",
  "Email": "sairamk@nmail.rvm"
}
```

```
{
  "_id": {
    "$oid": "582406acb947a218d0458893"
  },
  "Firstname": "abhinav"
}
```

AWS:

Dashboard
Configuration
Logs
Health
Monitoring
Alarms
Events
Tags

Overview

Health: Green

Running Version: lab10-source

Configuration: 64bit Amazon Linux 2016.09 v3.1.0 running Node.js

Recent Events

Time	Type	Details
2016-11-02 00:22:22 UTC-0500	INFO	Successfully launched environment: lab10
2016-11-02 00:21:32 UTC-0500	INFO	Environment health has been set to GREEN
2016-11-02 00:20:29 UTC-0500	INFO	Created CloudWatch alarm named: awseb-e-ujk2m7mgxz-stack-AWSEBCloudwatchAlarmLow-57FZK14MWNQ5
2016-11-02 00:20:29 UTC-0500	INFO	Created CloudWatch alarm named: awseb-e-ujk2m7mgxz-stack-AWSEBCloudwatchAlarmHigh-1KRNMBXXQ08U
2016-11-02 00:20:29 UTC-0500	INFO	Created Auto Scaling group policy named: arn:aws:autoscaling:us-west-2:022578304437:scalingPolicy:745b9473-a346-4bdd-b134-5f4dbd0519df:autoScalingGroupName/awseb-e-ujk2m7mgxz-stack-AWSEBAutoScalingGroup-10BOTSD8GPSOF;policyName/awseb-e-ujk2m7mgxz-stack-AWSEBAutoScalingScaleUpPolicy-H77UGV2W12G4

Angular:

```
1 <html.h1> <head>
2 <!DOCTYPE html>
3 <html lang="en" class="h1">
4 <meta charset="UTF-8">
5 <title>Users</title>
6 <script type="text/javascript" src="http://code.angularjs.org/1.1.1/angular.js"></script>
7 <script type="text/javascript" src="http://code.angularjs.org/1.1.1/angular-resource.js"></script>
8 <script type="text/javascript" src="http://code.angularjs.org/1.1.1/angular-sanitize.js"></script>
9 <script src="app.js"></script>
10 <script src="nodejs.js"></script>
11 <link rel="stylesheet" href="Users_CSS.css" type="text/css">
12 </head>
13 <body ng-app="demoMongo" id="body">
14
15 <div ng-controller="MongoRestController" ng-init="disp()">
16 <div class="h5"><h2>Users</h2></div>
17 <div id="container" class="g1">
18
19 </div><br>
20 <div class="f11">
21 <h2>Update User Details</h2>
22 <form method="post" action="http://127.0.0.1:8081/update">
23 ID:<br>
24 <input type="text" class="textbox1" name="id2" id="id2" placeholder="Enter the ID" />
25 <input type="checkbox" value="" onclick="sync()" /><Click Here to Copy the same ID<br>
26 First Name:<br>
27 <input type="text" class="textbox1" name="fn" placeholder="Enter First Name" /><br>
28 Last Name:<br>
29 <input type="text" class="textbox1" name="ln" placeholder="Enter Last Name" /><br>
30 E-Mail:<br>
31 <input type="text" class="textbox1" name="ml" placeholder="Enter E-Mail" /><br>
32 <input type="submit" class="i1" value="Update" />
33 </form></div>
34 <div class="f12">
```

Node js

```
4 var MongoClient = require('mongodb').MongoClient;
5 var assert = require('assert');
6 var bodyParser = require('body-parser');
7 var express = require('express');
8 var ObjectId = require('mongodb').ObjectId;
9 var cors = require('cors');
10 var app = express();
11 var result = { 'body': [] };
12 var url = 'mongodb://lab10:lab10@ds057476.mlab.com:57476/lab10';
13 //mongodb://<dbuser>:<dbpassword>@ds057476.mlab.com:57476/<sriharsha>
14 app.use(cors());
15 app.use(bodyParser.json());
16 app.use(bodyParser.urlencoded({ extended: true }));
17 app.post('/register', function (req, res) {
18   MongoClient.connect(url, function (err, db) {
19     if (err) {
20       res.write("Connecting to Database Failed");
21       res.end(); }
22     insertDocument(db, req.body, function() {
23       res.write("Successfully Registered");
24       res.end(); }); });
25   var insertDocument = function(db, data, callback) {
26     db.collection('myase').insertOne( data, function(err, result) {
27       if (err) {
28         res.write("Registration Failed");
29         res.end(); }
30       console.log("Registration Successful");
31       callback(); }); });
32   app.post('/get-data', function (req, res) {
33     MongoClient.connect(url, function (err, db) {
34       assert.equal(null, err);
35       findUser(db, function() {
36         db.close(); }); });
37     var findUser = function(db, callback) {
```