Fixes done for API Calls:

The below files have been changed:

1. **Server.js :**

app.use(express.static('public'));

This line needs to be added so that page is registered with the server and the cookies and session work as expected.

// for login  
// var pg = require('pg');  
//var cookieParser = require('cookie-parser') ;  
//var conString = "postgres://postgres:enjoylife55@localhost:5432/test";

All this is not required. Since we already have a pg-promise connection which can be used. We need not have two different connections.

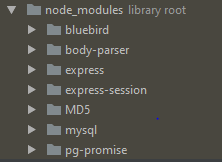
1. **Rest.js**
2. router.get("/login", **function** (req, res) {  
    res.append("Access-Control-Allow-Origin", "\*");   
   //console.log(res);  
    **if** (req.session.sign) {  
    console.log("logged in");  
    res.end();  
    //allMetrics(req, res);  
    }   
    **else** {  
    // var client = new pg.Client(connectionString);  
    // client.connect();  
    //var email="zhuoliaz@usc.edu" ;  
    //var pwd="11231209" ;  
    **var** email=req.query.email;  
    **var** pwd=req.query.pwd;  
    **var** nstring="select password from registered\_user where email='"+email+"'"; //SQL Injection can happen here, use PreparedStatement\_gurleen!  
    //var query = client.query(nstring); // demo to change to db(pg-promise connection)  
    db.any(nstring).then(  
    //query.on('row',  
    **function**(data) {

* Use prepared statement instead of appending variables
* Use db (pg-connection) for interacting with db. Since change needs to be extended to all the api calls
* If the user is not logged in redirect him to login page . Create a function for it to increase reusability instead of inserting same code for all API’s

1. **Package.json**
2. "express-session": "^1.15.1", // the only additional package we need \_gurleen

That’s the only additional package we need. Everything else can be removed from node\_modules folder.

1. **The node\_modules folder should contain only these packages**



1. **Loginpage.html**
2. **else** {  
    **var** email = $("#email").val();  
    **var** pwd = $("#pwd").val();  
    $.ajax({  
    url: '/login', //relative always . Never give absolute\_gurleen  
    async: **false**,  
    type: 'get',

Use relative Urls always , So that there are no issues in cookies and sessions.