**CS5551 Advanced Software Engineering**

**LAB ASSIGNMENT #1**

**Lab Submission through the following link before 09/14/2018 (D) 11:59PM.**

[https://goo.gl/forms/huQNAyRDIlZRweF22](%20https://goo.gl/forms/huQNAyRDIlZRweF22)

* Follow the guidelines for uploading assignment to GitHub
* Submit the screenshots of the task under documentation folder in GitHub and push the code to Source folder in GitHub
* Follow Wiki guidelines strictly for good grade

Do not repeat Use case or API taught in class

Create the Web application using angular JS and bootstrap framework having

1. **Login and Register Pages**
2. **OAuth Login & Registration**

Create Login to your application using Social login by using any of the OAuth 2.0 Service from Social Networking Service Providers like (Facebook, Google, LinkedIn, Yahoo, Twitter, Instagram, etc.)

1. **Storage:**

Use HTML5 Local storage to store login/ register details of users

1. **Home Page**

This page is a Mashup page use any of the web services listed in references below

Make sure that at least one of the service should be from Knowledge services.

Home page should display the user name and contain the logout button.

(Suggestion : Using Speech to text API for search will have bonus)

1. **About and Contact Pages**

**About Page**: Briefly describe your project idea in the about page

**Contact Page**: Display your teams contact information.

Link your GitHub lab assignment repository to an icon/image in the contact page.

1. **User Interface**

Make all the pages look aesthetic using CSS3 or jQuery etc.

Good Design and creative web app gain more points

1. **Quality Check:**

Check your JavaScript code quality using JSLint tool

1. **Create GitHub Account**.

Create a repository by name "**CS5551\_teamname\_labassignments**"

Create 2 (Source and Documentation) directories in local GitHub and push it to remote repository

1. **Create ZenHub Tool Account**.

Create a board, 3 iterations, at least 5 tasks for this lab assignment and show the analytics graph.

1. **Create Wiki page**

Create a wiki page for your lab assignment through GitHub. Put the screenshots of analytics graph under documentation directory in the local and sync it to remote GitHub

**Wiki Guidelines:**

1. The wiki page should highlight each team members contribution towards completion of the assignment
2. The page should be nicely documented with output screenshots and small code snippets with explanation
3. The page may have references or tutorials you referred towards completion of the assignment
4. The page should have the contribution chart
5. **Creatly Tool**

Draw the class diagram for school library system

**References:**

<https://docs.google.com/spreadsheets/d/1H70l0QVUifcyMqOqfnRXdW34xEWIt66GrY2xt5X7n_c/edit#gid=1973386343>

**Sample Wiki link**: <https://github.com/Ruthvicp/CS5551_team_11-2_labassignments/wiki/Lab-Assignment-1>