**Final project for Phase 2- User Login and Registration Application Project Sprint Planning**

The project will require 3 sprints with 2 weeks for each sprint.

**Sprint 1:**

1.Designing the application with specification documents including application capabilities, appearance and user interaction.

2.Setting up of GitHub repository for the project to store and track the application.

3.Flow chart model to visually represent the user Login and Registration application.

4. Setting up of database and table to store user data in the MYSQL.

5.Sprint review with a demonstration of the database and the flow chart.

**Sprint 2:**

1.Creating a web app project using Maven in eclipse IDE with appropriate dependencies.

2.Creating index.jsp for login page, also providing a link to registration page for first time users.

3.Creating jsp, login controller, user DAO, hibernate files for the application to work based on the flow chart.

4.Coding using core concepts with user being able to login to the app and see a success or failure message, if failed being able to login again, with proper mapping and with displaying appropriate messages with user interactions.

5.Testing the application with different scenarios of user interactions and checking the database.

6.Sprint Review with a demonstration of the working Login part of the application.

**Sprint 3:**

1.Creating register.jsp for registering first time users.

2.Creating registration controller, jsp for registration results.

3. Coding using core concepts with user being able to register to the app and see a success or failure message, if failed being able to register again, with proper mapping and with displaying appropriate messages with user interactions.

4. Testing the application with different scenarios of user interactions and checking the database.

5.Fix the bugs, if any present, and fine tuning the application.

6.Final Demonstration of the application to the appropriate person (product owner).

7.Sprint retrospective meeting.

Developer Suggestions:

Enhancement of the requirements to improve project efficacy. Client’s requirements Raises the following suggestions for the development team and to the client:

1.Having a log file, to log user interaction with the database.

2.Having Client appropriate columns in the user Registration form to enhance business.