Project Summary

Sprint

Depends up on project requirement, I have completed this project in 3 sprints

- First sprint - Identification of requirement what are the design patterns we use to develop the web application for frontend view & Hibernate POJO classes & Servlet methods. Designing the web page frontend code for login page, logout page, admin main page, logout page, addition pages.
- Second sprint – Creating the hibernate configuration file, hibernate utility class file, creating and defining the servlet for addition, posting of entries to table
- Third sprint – Github commands document, write up document, screen shots of end user interface

Project requirements

- Eclipse
- Jdk 1.8
- Github/Git
- Mysql Workbench

Program specifications

- 7 JSP Pages creating for Login, logout, User-id validation, admin window, Student addition, Teacher addition, Assignment of teachers/students
- 1 Hibernate configuration file and Hibernate utility class created and defined
- 3 POJO classes created namely student, teacher, assignment
- 6 Servlets created defined for each class addition & view (Post & Get http methods)
- 3 Maven dependencies added (Servlet, Hibernate, My-sql connector)
- Tomcat server configuration
- Mysql data base installation

Program implementation

1. First created Admin login page, user validation, log out, admin main window, add student, add teacher, assignment JSP pages respectively.
2. Thereafter created and defined hibernate configuration.xml, utility class, and POJO classes created (student, teacher, and assignment).
3. Defined 6 http servlets for getting & posting of student, teacher, assignment data.
4. After that testing the web pages as per specified requirements

Git/Github

- Uploaded the required files in github and given specific commands in git document.