**CST-339 Programming in Java III**

**CLC Project Assignment – Milestone 5**

Requirements:

1. Review requirements in Project Overview.
2. Product Display, Update, and Delete Modules:
   * Add new pages using Spring MVC to support the new functionality.
   * Add new business services using SpringBeans and IoC to support the new functionality.
   * Add new data services using SpringBeans, IoC, and using Spring JDBC or Spring Data JDBC to support the new functionality, with the data service designed using the Data Access Object (DAO) or the Repository design pattern.
3. The application should be deployed to an approved GCU cloud platform.
4. It is expected that the Team will perform peer code reviews on all code.
5. It is expected that the Team will fully document all code modules, classes, methods, and use inline comments for all code.
6. It is expected that the Team will meet with the instructor if there are project management issues.
7. Create a Test Plan and Test Cases. Execute all Test Cases.

Deliverables and Submission:

1. Updated Design Report with the following sections completed:
   * Cover page with list of tasks completed.
   * Planning documentation: task list/schedule or Scrum artifacts.
   * Design documentation:
     + General Technical Approach
     + Key Technical Decisions
     + Install or Configuration Instructions
     + Known Issues
     + Risks
     + Sitemap Diagram
     + User Interface Diagrams
     + ER Diagram
     + DDL Scripts
     + Class Diagrams (for all object models and services)
     + Service API
2. Upload and manage all code in GIT.
3. Zip up code.
4. URL to a screencast technical and functional demonstration running from a cloud platform is included in the Design Report.
5. Upload all code, design, and test plan as directed by your instructor.