**CLC Project Assignment – Milestone 5**

Requirements:

1. Review requirements in Project Overview.
2. REST API Module:
   * An API with proper URI and verbs will be designed as a REST Service.
   * The REST Service can be anonymous and implemented using JAX-RS.
   * The REST Service that exposes at least 2 CRUD REST API methods (using either GET or POST) and returns JSON as a data format.
   * The REST Service will leverage existing Business Services.
   * The REST Service will return proper error messages if invalid data parameters are passed to the API
   * The design will be documented such that any 3rd party application developer could easily read the design and integrate the API into their application.
3. It is expected that the Team will perform peer code reviews on all code.
4. It is expected that the Team will fully document all code modules, classes, methods, and use inline comments for all code.
5. It is expected that the Team will meet with the instructor if there are project management issues.
6. 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 Bitbucket.
3. Zip up code.
4. Upload all code, design, and test plan to LoudCloud.

This assignment uses a rubric. Please refer to the rubric prior to beginning the assignment to become familiar with the expectations for successful completion.