**Texas Tech University**

**Computer Science Department - Software Engineering II**

**Due: April 29, 2020 (Midnight)**

**Team-based Project: Release # 3**

**5 marks of the total course mark**

**Submission through the Blackboard System ONLY**

**No Other Forms of Submissions Will be Accepted**

**Goal**: Service-oriented programming

**Description**:

In the first and second releases of your project, your team created a simple application to practice “agile methodology” and also created test harness and artifacts for testing your application.

**Expectations**:

Your team will identify two (2) functionalities in your applications that can be considered as services. For instance, you may have a functionality to check the validity of a credit card, and then this functionality can be designed, wrapped, and deployed as a service. You may use any service-oriented programming including RESTful services for implementing the two features as three services. This activity can be considered as a “refactoring” stage in your agile development. The new release of your team-based project should be pushed into you’re the project’s GitHub as a new release, meaning that the previous release needs to be available too.

**Deliverable**:

1. The link for your GitHub repository showing the new release along with the previous release.
2. A short document uploaded to the GitHub describing the changes in the new release. The document needs to explain where in the code the changes have been done, and what features are turned into services.

The contribution of each teammate **should be submitted through the blackboard system separately along with the link for the GitHub repository**.

1. Contribution of each teammate. Who created which diagrams? (Mandatory: without this submission the team will not receive any credit for this release).