**Test Taker App**

**SRS Updated 11/25/2016 - Team A**

**Introduction**

1.1 **Purpose**

This document describes the requirements for the design of a test taking application based in the Java (or HTML) language. The requirements will be described in the use case format identifying the basic system flow. The process requirements for the new Condition Reports (CRs) and Condition Report iterations is described in the Use Case specification.

1.2 **Background**

This application will create and maintain a study reference for students and teachers to use for specified material. The project will communicate with a server to maintain classes, exams, questions and other study materials. Some of the operations of this application include:

* Creating Tests
* Using Flashcards
* Course/Test/User Statistics

The application will be using the Java Portable Development Language in the Eclipse IDE. All version control will be handled by the github repository located [here](https://github.com/Software-Engineering-CSUSM/Test-Taker). Communication will be handled via Slack.

**1.2.1 Definitions, Acronyms, Abbreviations**

None

**2. System Requirements**

**2.1 Actors**

Students - Create questions, take quizzes, take flashcards, view scores

**2.2 High Level Flow**

For a student to use the app efficiently they will take information from their classes and input it into the app in the form of questions. They will then use the quiz and flashcard functionality to practice and improve.

**2.3 Basic Use Cases**

**Add Course**

1. Select Courses
2. Click add course
3. Name your course and save it
4. Click save

**Delete Course**

1. Select Courses
2. Select the Course you wish to delete
3. Click Delete Course
4. Click yes on pop-up window

**Create Quiz**

1. Select Courses
2. Select Course
3. Click Manage Selected Course
4. Click Add Quiz
5. Name your quiz and save it

**Delete Quiz**

1. Select Courses
2. Select Course
3. Click Manage Selected Course
4. Select Quiz to delete
5. Click delete Quiz
6. Click yes on pop-up window

**Create Question**

1. Select Courses
2. Select Course
3. Click Manage Selected Course
4. Select Quiz you want to add question to
5. Click Manage Selected Quiz
6. Click Add Question
7. Type in Question and answers
8. Click save question

**Delete Question**

1. Select Courses
2. Select Course
3. Click Manage Selected Course
4. Select Quiz you want to delete question from
5. Click Manage Selected Quiz
6. Select Question to delete
7. Click Delete Question
8. Click yes to delete

**Take Quiz**

1. Select Study Tools
2. Click Take Quiz
3. Select Quiz
4. Click Take Quiz
5. Answer each question
6. When done click submit and finish

**Take Flashcard set**

1. Select Study Tools
2. Click Practice Flashcards
3. Select Flashcard set (bases questions from previously created quiz)
4. Click Take Flashcard set
5. Toggle button to show/hide answer
6. Click next question to keep practicing
7. Click exit flashcard set to complete