**Scope of Project**

**Main Objective:**

The goal of our project is to create a stand-alone interactive application with a user-friendly GUI known as an Exit Exam Prep Application. The user will be able to take a practice test, or an exam based on individual concepts. This application is intended to fully prepare graduating computer science students for the Exit Exam.

**Functional Requirements based on customer guidelines:**

The functional requirements that we perceive to be incorporated in our stand-alone application would include a program that when run will display the main menu screen in which the user will be able to interact with and perform different tasks. These tasks include beginning a new exam, loading a previous exam session, selecting from a list of concepts to be tested, and lastly an about button explaining the project’s description along with the creator’s name. Each screen, thereafter, based on the user’s initial selection, would encompass various buttons in which the user would be able to select and interact with the software. The system will display questions and explanations for incorrect answers.

**Non-Functional Requirements based on customer guidelines:**

We are developing a stand-alone interactive application that will be written using the Python language which will be able to work on any personal computer with access to the web. We will be utilizing JSON files to store our questions and Kivy for our front-end. We expect no unnecessary wait times and no major errors/ bugs. Our development team comprises of four people. One of our main constraints is that we will be working within a short time frame of 2 - 3 months because the customer/product owner’s time is limited, and we would expect to be fully completed before the main deadline. We plan to allow the user a certain level of access and will ensure that there is no room for unauthorized access. We expect no issues when it comes to the integration of our GUI with our code, and we also expect no long and unnecessary waiting times on database loading.