Table 1: Revision History

Date	Developer(s)	Change
January 23, 2020	Arkin Modi	Copy template
January 28, 2020	Arkin Modi	Started Team Member Roles, Coding Style and Team Communication Plan sections
January 29, 2020	Leon So	Added to Team Meeting Plan section and Team Member Roles section table. Started Git Workflow Plan section and Technology section
January 30, 2020	Timothy Choy	Updated Proof of Concept Plan and Project Schedule sections
January 30, 2020	Everyone	Complete, revise, and update development plan

SE 3XA3: Development Plan
ScrumBot

Team 304, ScrumBot
Arkin Modi, modia1
Leon So, sol4
Timothy Choy, choyt2

Last Updated: January 23, 2020

Put your introductory blurb here.

1   Team Meeting Plan

Meetings will primarily take place within the course's two lab session each week. If necessary, the project lead will schedule any additional meeting outside of course time with the consent of all team members. The time and location will be decided by the Project Lead at the time of scheduling.

For each meeting, the role each member will play is as described in the Team Member Roles section. The project lead will also chair each meeting. The project lead is responsible for keeping the meeting on track and ensuring that the meeting is organized according to a meeting agenda. The meeting agenda should be reviewed at the start of each meeting. During each meeting, one team member will be in charge of keeping track of meeting minutes. The member in charge of keeping track of meeting minutes will alternate between the two members who are not the project lead. At the end of each meeting, the project lead is responsible for producing a written statement of all decisions made during the meeting. It is expected that by the end of each meeting, each member knows their role and upcoming tasks. At the end of each meeting, the team should also evaluate the effectiveness of the meeting.

2   Team Communication Plan

Communication outside of class with predominantly be done through Facebook Messenger. Through Facebook Messenger, we will communicate any problems and inquires. The Gantt Chart will be used to keep track of the progress of all aspects of the project as well as plan out future work on a high level. Additionally, GitLab's issues feature will be used in parallel to the Gantt Chart to organize work assignment, deadlines, and work status (i.e. not started, in-progress, and completed).

3   Team Member Roles

The following table outlines the roles that each team member will be responsible for the course of this project.

4   Git Workflow Plan

The master branch should always be a working branch which contains the most recent stable version of the application. Each push to master will have a tag to indicate the version of the application. Any development will be done on separate branches parallel to master, which will then be merged into master after new changes have been tested. Any hotfixes will be done in a new branch parallel to master.

Role	Member(s)
Project Lead	
Scribe	
Developer	Arkin Modi, Leon So, Timothy Choy
Documentation Expert	Arkin Modi, Leon So, Timothy Choy
Git Expert	Timothy Choy
LaTeX Expert	Timothy Choy
Technology Expert	Leon So

Table 2: Team Member Roles

5 Proof of Concept Demonstration Plan

6 Technology

The main programming language used for this project will be Python3. The IDE used will be Visual Studio Code. The framework used for functional testing will be Pytest. All Python code written will be documented using the document generator Doxygen.

7 Coding Style

The project will be written in Python following the Google Python Style Guide.

8 Project Schedule

The project schedule is written in the form of a Gantt Chart and found in our repository under ./ProjectSchedule. From the Gitlab repo, it is found here.

9 Project Review

N/A for revision 0.