

Table 1: Revision History

Date	Developer(s)	Change
January 20, 2020	Leon So	Copy template, rough draft
January 23, 2020	Everyone	Update problem statement

SE 3XA3: Problem Statement

ScrumBot

Team 304, ScrumBot

Arkin Modi, modial

Leon So, sol4

Timothy Choy, choyt2

Last Updated: January 23, 2020

Scrum is an agile process framework widely used in industry for managing and coordinating collaborative projects. Scrum being a process based on the agile development method, follows a highly iterative process and often has heavy customer involvement, therefore it can be often be complex. It is often difficult to manage communication and coordination within the project due to the complexity of agile development processes. With Discord being a popular communication tool used by many teams of software developers today, our team would like to develop a solution to directly integrate the management of a scrum development cycle into the communication channels. Our solution will allow for better management and organization of retrospectives, stand-ups, and other scrum/agile processes used by software teams during routine communication.

As a result, a well-integrated scrum management system may reduce inefficiencies surrounding the management of projects using the scrum framework, as well as strengthen communication within the agile process. This will help software development firms reduce costs and achieve better workflow. Therefore, all members of the development and management team will be able to benefit from a scrum management system that is directly integrated into the communication channel.