

Table 1: Revision History

Date	Developer(s)	Change
Sept. 26, 2016	Christopher, Varun	Initial development plan
Sept. 28, 2016	Varun	Formatting, Introduction and Git Workflow

SE 3XA3: Problem Statement

Spann

Team 8

Christopher Stokes — stokescd

Varun Hooda — hoodav

This document outlines some key points regarding the development of this project. The points discussed related to the way the team will work (meetings, workflow, communication) and how the project will undergo development and progress as time goes on.

1 Team Meeting Plan

The team will meet on a weekly basis on Tuesday afternoons. The meetings will allow the team to express any concerns, discuss upcoming deadlines/milestones, and discuss the work plan for the upcoming week.

2 Team Communication Plan

The primary means of communication will be Google Hangouts. Issue tracking on gitlab will be used for formally discussing any issues with the project.

3 Team Member Roles

Christopher Stokes Primarily work on backend server code, as well as some work on the custom framework that will be used and on some frontend code.

Varun Hooda Primarily work on frontend code, as well as on the custom framework.

4 Git Workflow Plan

Git and Gitlab will be used to manage the project's documentation and code base. The team will use a single repository (no forks) with all developers contributing to the same code base. Git branches may also be used, if the need

arises, to reduce interference between partially developed or experimental features. The team will attempt to commit and push changes frequently.

5 Proof of Concept Demonstration Plan

6 Technology

The project will use modern web technologies for the frontend: HTML5, CSS3 (compiled from LESS) and JavaScript. The backend server will run C# code and use the PostgreSQL object-relational database management system (ORDBMS) to store and retrieve data. A custom JavaScript web framework will also be used to create the frontend website (to avoid manually writing HTML).

7 Coding Style

- ECMA5 Script Standard for JavaScript
- LESS Standard for LESS files
- Microsoft Coding Conventions for C#

8 Project Schedule

Provide a pointer to your Gantt Chart.

9 Project Review