

Table 1: Revision History

Date	Developer(s)	Change
2018-06-26	Mohammad, Brian, Shivaansh	Added first change for every section
2018-06-27	Brian	Added introductory blurb
2018-06-27	Mohammad	Added pointer to project schedule
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SE 3XA3: Development Plan Zombie Survival

Team 6
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Shivaansh Prasann, prasanns

September 26, 2018

This document describes the development decisions (which are subject to change) that will be translated throughout the entire development process of Zombie Survival Kit.

1 Team Meeting Plan

Mondays: 2:30PM - 4:30PM (HSL Library)
Tuesdays: 5:00 PM - 7:00 PM (HSL Library) (as and when needed)
Tuesdays: 7:00 PM - 9:00 PM (ITB 236 Lab)
Wednesdays: 12:30 PM - 2:30 PM (ITB 236 Lab)

2 Team Communication Plan

Discord Server (Audio calls for meetings)
Facebook Group Chat for general inquiries

3 Team Member Roles

Brian Jonatan - Developer and Tester
Mohammad Hussain - Developer and Scribe
Shivaansh Prasann - Developer and Project Manager

4 Git Workflow Plan

Each developer has their own branch. Code reviews will be conducted during meetings and once all individual branches are fully functional each branch will be merged to master. Tags will be used after pushing each deliverable for the project.

5 Proof of Concept Demonstration Plan

The main challenges with this project would be the following:

- 1) Testing: For testing purposes, we need to perform rigorous playtesting, which incorporates playing a certain level again and again to uncover any performance bugs, as well as two-way testing, which tests one component of the system based on the assumption that another component of the system (on which the current component is dependent on) is correct.
- 2) Minimap: Since no one on the team has previous experience on creating a minimap for a game, this is bound to be a challenging aspect of this project and therefore should be demonstrated in the Proof of Concept.
- 3) Movement on a plane: Moving the player around is the most elementary component of our project, hence this will be included in the Proof of Concept.

6 Technology

Programming Language: C#

IDE: Visual Studio

Testing Framework: Unity3D

Document Generation: XML Documentation Comments

7 Coding Style

C# Coding Conventions (C# Programming Guide)

URL: <https://docs.microsoft.com/en-us/dotnet/csharp/programming-guide/inside-a-program/coding-conventions>

8 Project Schedule

Please refer to the file: Gantt Chart - Group 6.gan in this folder for the project schedule.

9 Project Review