

Table 1: Revision History

<b>Date</b>	<b>Developer(s)</b>	<b>Change</b>
Sept 27	all	Finalize first edition
Dec 5	all	Finalize revision 1
...	...	...

SE 3XA3 Development Plan  
Project: Flight Shooting Game

Team 15, Cloud-10  
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This document indicates the Development Plan for the implementation of Pixel Shooting Game. The intent of this document is to facilitate design and track the project through the clear roles allocation and workflow plan in the program.

## 1 Team Meeting Plan

	location	roles	agenda
Sept 27	wv suites floor4	Chair , Scribe: YC Developer: TL,ZW	Complete the development plan
Oct 2	wv suites floor4	Chair , Scribe: TL Developer: YC,ZW	Sketch the RD0
Oct 4	wv suites floor4	Chair , Scribe: ZW Developer: YC,TL	Complete the RD0
Oct 11	wv suites floor4	Chair , Scribe: YC Developer: TL,ZW	Finalize the Proof of Concept Demonstration
Oct 18	wv suites floor4	Chair , Scribe: TL Developer: YC,ZW	Discuss module hierarchy and MIS of the project.
Oct 25	wv suites floor4	Chair , Scribe: ZW Developer: YC,ZW	Discuss the test plan and sketch the TPR0
Nov 1	wv suites floor4	Chair , Scribe: YC Developer: TL,ZW	Do unit tests and debug the problems
Nov 8	wv suites floor4	Chair , Scribe: TL Developer: YC,ZW	Test the code and rehearse for the demonstration
hline Nov 15	wv suites floor4	Chair , Scribe: ZW Developer: TL,YC	Complete the RD0
Nov 22	wv suites floor4	Chair , Scribe: YC Developer: TL,ZW	Third time test the code and do peer evaluation
Dec 2	wv suites floor4	Chair , Scribe: TL Developer: YC,ZW	Finalize the code and rehearse for the final demo

## 2 Team Communication Plan

Name	email	phone
YC	cheny161@mcmaster.ca	365-8882736
ZW	wangz217@mcmaster.ca	365-8883977
TL	lit20@mcmaster.ca	365-8884098

The Google Drive we used is at [this link](#).

And the Git refers to our repository is [this link](#).

## 3 Team Member Roles

Name	Main Roles
YC	scribe and developer
ZW	LaTex expert and developer
TL	Git expert and developer

\*Team leader is responsible for organizing each meeting. And everyone take turns to be the leader.

## 4 Git Workflow Plan

The git workflow in our project involves three branches: the main branch, develop branch, and feature branch. All the developed versions will be in the main branch, and while they are in the developing process, the modifications will take place in the develop branch. During the developing process, team members will be assigned to different work. The individual developing work will take place in a certain feature branch. Once all the work in feature branches are finished, they will be merged into develop branch and finally to the main branch.

## 5 Proof of Concept Demonstration Plan

The project program can be run on both Windows and Mac OS operating system with python 3.7(including Pyxel library) and ~~Android 8.0 emulator~~ installed. Both the software and hardware requirements are easy to achieve. ~~The potential problem is that there are slight differences between Android versions so that compatibilities may result.~~ The degree of customization is limited within user experience level. The users will not be able to modify the program, ~~but they do can change the content such as game modes.~~

## 6 Technology

We have chosen python 3.7 as the programing language for our project running on IDLE along with Pyxel library installed. The program will be tested with PyUnit testing framework and will be documented by pydoc.

## 7 Coding Style

The coding style we are going to apply is [Google Python Style Guide](#) [1]. Google is now one of the most successful IT companies in the world and we believe it would professionalize our programming skills by applying this coding style.

## 8 Project Schedule

This is a quick link to our GanttProject files.

## 9 Project Review

~~Nothing to be filled in here until first revision.~~

Formal review: accomplished directly by user and provide feedback to developer.

Walkthrough: focuses on consensus and, through it, removes problems.

Inspection: more rigorous than walthrough, higher percentage defects should be detected.

## References

[1] google, "google/styleguide."