

Project Management Plan

Project Name	Stand alone 2D Shooting Game
Engine	Unity
Programing Language	C#

Team Members

Team Member	Contact Information
Zekai Lin	zlin48@syr.edu
Shizhan Ma	sma100@syr.edu
Zhenyang Li	zli115@syr.edu
Wentao Chen	wchen01@syr.edu

Plan

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TITLE	START TIME	STATUS	DESCRIPTION	END TIME	ASSIGN TO	CREATE TIME
Okoy	-	Pending	What about this one	-	Zekai Lin, Wentao Chen, Shizhan Ma, Zhenyang Li	Sept. 16, 2023, 3:18 a.m.
Build Online Management Plan	-	Pending	Test Case	-		Sept. 16, 2023, 2:08 a.m.
Review Project Management Plan	Sept. 10, 2023, 4 a.m.	Pending	Go through the whole Project management plan and send messages in the WeChat group if there are any doubts or suggestions	Sept. 17, 2023, 3:59 a.m.		Sept. 18, 2023, 2:37 a.m.
Requirement Documentation	Sept. 10, 2023, 4 a.m.	Pending	- Draw System Architecture Diagram - Draw Class Diagram - Draw User Interface	Sept. 17, 2023, 3:59 a.m.		Sept. 18, 2023, 2:37 a.m.
Learn Unity	Sept. 10, 2023, 4 a.m.	Pending	- Install Unity, Unity Hub - Sign up Unity Account - Learn C# Grammar	Sept. 17, 2023, 3:59 a.m.		Sept. 18, 2023, 2:37 a.m.
Project Management Plan	Sept. 10, 2023, 4 a.m.	Completed	- Clarify the Project Demanding and Grading rubric - Meeting and Deciding Project Ideas according to the Grading rubric, tech-stack, and overall skills of team members - Submit the Group file - SRS revision, project management, and plan update according to the idea chosen	Sept. 17, 2023, 3:59 a.m.		Sept. 18, 2023, 2:37 a.m.
Prototype Development	Sept. 17, 2023, 4 a.m.	Pending	Develop the project prototype	Sept. 24, 2023, 3:59 a.m.		Sept. 18, 2023, 2:37 a.m.
Review & Update Documentation	Sept. 17, 2023, 4 a.m.	Pending	- System Architecture Diagram - Class Diagram - User Interface - Project Management Plan	Sept. 24, 2023, 3:59 a.m.		Sept. 18, 2023, 2:37 a.m.
Progress/Sprint Report #1	Sept. 17, 2023, 4 a.m.	Pending	Generate progress report	Sept. 24, 2023, 3:59 a.m.		Sept. 18, 2023, 2:37 a.m.
Progress/Sprint Report #2	Sept. 24, 2023, 4 a.m.	Pending	Generate progress report	Oct. 1, 2023, 3:59 a.m.		Sept. 18, 2023, 2:37 a.m.
Progress/Sprint Report #3	Oct. 1, 2023, 4 a.m.	Pending	Generate progress report	Oct. 8, 2023, 3:59 a.m.		Sept. 18, 2023, 2:37 a.m.
Exam 1 Review	Oct. 8, 2023, 4 a.m.	Pending	Prepare for Exam 1	Oct. 15, 2023, 3:59 a.m.		Sept. 18, 2023, 2:37 a.m.
Mid-term Prototype Demonstration	Oct. 15, 2023, 4 a.m.	Pending	Prepare for Mid-term Prototype Demonstration	Oct. 22, 2023, 3:59 a.m.		Sept. 18, 2023, 2:37 a.m.
Code Improvements & System Considerations	Nov. 5, 2023, 5 a.m.	Pending	Work on code improvements and system considerations	Nov. 12, 2023, 4:59 a.m.		Sept. 18, 2023, 2:37 a.m.
Software Testing Report 1: System Testing	Nov. 12, 2023, 5 a.m.	Pending	Prepare the first software testing report for system testing	Nov. 13, 2023, 4:59 a.m.		Sept. 18, 2023, 2:37 a.m.
Software Testing Report 2: User Testing	Nov. 16, 2023, 5 a.m.	Pending	Prepare the second software testing report for user testing	Nov. 17, 2023, 4:59 a.m.		Sept. 18, 2023, 2:37 a.m.
Powerpoint & Presentation Preparation	Nov. 19, 2023, 5 a.m.	Pending	Prepare for the project presentation	Nov. 26, 2023, 4:59 a.m.		Sept. 18, 2023, 2:37 a.m.
Software Craftsmanship	Nov. 28, 2023, 5 a.m.	Pending	Discuss software craftsmanship	Nov. 29, 2023, 4:59 a.m.		Sept. 18, 2023, 2:37 a.m.
Software Evolution	Nov. 30, 2023, 5 a.m.	Pending	Discuss software evolution	Dec. 1, 2023, 4:59 a.m.		Sept. 18, 2023, 2:37 a.m.
General Finishment of Project	Dec. 3, 2023, 5 a.m.	Pending	Complete the project	Dec. 10, 2023, 4:59 a.m.		Sept. 18, 2023, 2:37 a.m.
Final Exam Review	Dec. 3, 2023, 5 a.m.	Pending	Review for the final exam	Dec. 10, 2023, 4:59 a.m.		Sept. 18, 2023, 2:37 a.m.
Final System Presentations/Demonstrations	Dec. 3, 2023, 5 a.m.	Pending	Final system presentations and demonstrations	Dec. 10, 2023, 4:59 a.m.		Sept. 18, 2023, 2:37 a.m.

22 tasks

Week 3 Sep.10 - Sep.16

- ☒ **Project Management Plan - Zekai Lin Due: Sep.14**
 - ☒ Clarify the Project Demanding and Grading rubric
 - ☒ Meeting and Deciding Project Ideas according to the Grading rubric, tech-stack and overall skills of team member
 - ☒ Submit the Group file
 - ☒ SRS revision, project management and plan update according to the idea chosen
- ☐ **Learn Unity - Team Due: Week 4**

- Install Unity, Unity Hub
- Sign up Unity Account
- Learn C# Grammar
- ☒ Zekai Lin
- ☒ Shizhan Ma
- ☒ Zhenyang Li
- ☐ Wentao Chen
- ☐ **Requirement Documentation** - Zekai Lin Due: Week 4
 - ☐ Draw System Architecture Diagram
 - ☐ Draw Class Diagram
 - ☐ Draw User Interface

- ☐ **Reveiw Project Management Plan** - Team Due: Week 4

Go through whole Project management plan and Sent message in the wechat group if there is any double or suggestion

- ☐ Zekai Lin
- ☐ Shizhan Ma
- ☐ Zhenyang Li
- ☐ Wentao Chen

Week 4 Sep.17 - Sep.23

- ☐ **Progress/Sprint Report #1** - Zekai Lin Due: Sep.23
- ☐ **Review&Update Documentation** - Team Due: Week 4
 - ☐ System Architecture Diagram
 - ☐ Class Diagram
 - ☐ User Interface
 - ☐ Project Management Plan
- ☐ **Prototype Development** - Team Due: Week 4

Week 5 - Prototype - Sep.24 - Sep.30

- ☐ Progress/Sprint Report #2 - Zekai Lin Due: Sep.30

Week 6 Oct.1 - Oct.7

- ☐ Progress/Sprint Report #3 - Zekai Lin Due: Oct.7
- ☐ **Exam 1** Review

Week 7 Oct.8 - Oct.14

Exam 1: Oct.12

Week 8 Oct.15 - Oct.21

Mid-term Prototype Demonstration Oct.17 & 19

Week 9 Oct.22 - Oct.28

- ☐ Progress/Sprint Report #4 - Zekai Lin Due: Oct.28

Week 10 Oct.29 - Nov.4

- ☐ Progress/Sprint Report #5 - Zekai Lin Due: Nov.11

Project Phase: Testable

Week 11 Nov.5 - Nov.11

- ☐ Code Improvements & System Considerations Nov.7 & 9

Week 12 Nov.12 - Nov.18

- ☐ **Software Testing Report 1:** System Testing Nov.14
- ☐ **Software Testing Report 2:** User Testing Nov.16

Week 13 Nov.19 - Nov.25

<--- **Thanks Giving Break** --->

- ☐ **Powerpoint & Presentation Preparation**

Week 14 Nov.26 - Dec.2

Software Craftsmanship Nov.28

Software Evolution Nov.30

Week 15 Dec.3 - Dec.9

Final System Presentations/Demonstrations Dec.5

- ☐ **Final Exam Review**
- ☐ **General Finishment of Project**

Week 16 Dec.10 - Dec.16

Exam 2 Dec.12**Term Project Delevery** Due: Dec.15