## Surface-To-Air Saviors: Tower Defense Agile Tracking Sheet

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03 May 2021

CS 225, Spring 2021

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**Table 1: User Story Summary** 

User Story ID	User Story	Completeness Criteria	Effort Estimate (hours)	Priority	Worked in Sprint (Estimated)
1.	As a developer, I want to able to test my	All classes shall exist with defined	6	1.	1
	software.	attributes and methods (in dummy form).			
2.	As a developer, I want to set ground level	The game shall define ground level to be	1	2.	1
	to be at or above Y = 0.	at or above Y = 0.			
3.	As a developer, I want to set ground level	The game shall define ground level to be	1	3.	1
	to be at or below Y = 60.	at or below Y = 60.			
4.	As a developer, I want to set the sky to	The game will define the sky to be above	1	4.	1
	be above Y = 60.	Y = 60.			
5.	As a developer, I want the GUI to display	The GUI shall display the Missile Silos,	1	5.	1
	the Missile Silos.	which are three grey rectangles.			
6.	As a developer, I want the GUI to display	The GUI shall display the Missile Silos,	1	6.	1
	the Barracks.	which are four brown rectangles.			
7.	As a developer, I want to be able to set	The game shall set the cursor to a	1	7.	1
	the cursor to a crosshair.	crosshair.			
8.	As a developer, I want the game to have	The game shall have a splash screen that	1	8.	2
	a splash screen that displays instructions.	displays instructions.			
9.	As a developer, I want the game to have keyboard controls.	The game shall have keyboard controls.	1	9.	2
10.	As a developer, I want to be able to move	The game shall allow the crosshair to be	1	10.	2
	the crosshair around the screen.	moved around the screen.			
11.	As a developer, I want the leftmost	The leftmost Missile Silo shall be	1	11.	2
	Missile Silo to be controlled via the "1"	controlled via the "1" key".			
	key.				
12.	As a developer, I want the middlemost	The middlemost Missile Silo shall be	1	12.	2
	Missile Silo to be controlled via the "2"	controlled via the "2" key".			
	key.				
13.	As a developer, I want the rightmost	The rightmost Missile Silo shall be	1	13.	2
	Missile Silo to be controlled via the "3"	controlled via the "3" key".			
	key.				

14.	As a developer, I want the leftmost Missile Silo to aim where the Player's crosshair is pointing.	The leftmost Missile Silo shall aim where the Player's crosshair is pointing.	2	14.	3
15.	As a developer, I want the leftmost Missile Silo to aim where the Player's crosshair is pointing.	The leftmost Missile Silo shall aim where the Player's crosshair is pointing.	2	15.	3
16.	As a developer, I want the middlemost Missile Silo to aim where the Player's crosshair is pointing.	The middlemost Missile Silo shall aim where the Player's crosshair is pointing.	2	16.	3
17.	As a developer, I want the rightmost Missile Silo to aim where the Player's crosshair is pointing.	The rightmost Missile Silo shall aim where the Player's crosshair is pointing.	2	17.	3
18.	As a developer, I want Missile Silos to have a 0.25 second cooldown after firing.	Missile Silos shall have a half second cooldown after shooting a missile.	2	18.	3
19.	As a developer, I want P-Missiles to travel at a speed of 2400 pixels per second.	P-Missiles shall travel at a speed of 640 pixels per second.	1	19.	3
20.	As a developer, I want P-Missiles to explode when they reach the coordinates of the Player's crosshair at the time of being launched.	P-Missiles shall explode when they reach the coordinates of the Player's crosshair at the time of being launched.	1	20.	3
21.	_	10 Missiles shall rain from the sky at time = 0.	1	21.	3
22.		20 Missiles shall rain from the sky at time = 10.	1	22.	4
23.	As developer, I want 20 missiles to rain every 10 seconds past time = 10.	20 Missiles shall rain from the sky every 10 seconds past time = 10.	2	23.	4
24.	As a developer, I want the sprites to have collision detection.	The sprites shall have collision detection.	2	24.	4
25.	As a developer, I want the game to record the Player's XP.	The game shall record the Player's XP.	2	25.	4
26.	As a developer, I want the game to prompt the Player when the game is over.	The game shall prompt the user when the game is over.	1	26.	4

**Table 2: Sprint Work Summary** 

Sprint	Backlog	In Work This Sprint	Completed This Sprint
1	1-26	1-7	1-7
2	7 - 26	7 - 13	7 - 13
3	14 - 26	14 – 21	14 - 21
4	21-26	21-26	21-26

Table 3: Remaining Effort Estimate (Burn Down Chart)

	Start	8 Mar	15 Mar	26 Mar	5 Apr	19 Apr	26 Apr	3 May
Planned	0	0	0	12	8	8	6	0
Actual	0	0	0	10	14	12	10	5