*02/10/2025* Timothy Partee

## **Project Concept**

	You control a in this				
l Player	Starfighter	3rd person	view	game	
Control	where	makes the r	makes the player		
	WASD and mouse click		Move and shoot approaching debris and enemie		
)	During the game, from				
2 Basic Gameplay	Asteroids and Enemy ships	appear	ppear The approaching view		
	and the goal of the game is to				
	Destroy as much debris and enemy ships as possible with you laser guns				
3 Sound & Effects	There will be sound effects	and	and particle effects		
		Explosive sound effects upon That burst in flame like destruct		destruction	
	destruction of ships and asteroids as well as laser gun firing.				
	[optional] There will also be				
	Special firing animations based on obtained power ups as well as a ship roll and				
	shake animation when taking damage.				
4	As the game progresses,		ring it		
Gameplay Mechanics	Enemy ships and debris will obstruct the player's path and ships will shoot at the		Difficult to stay alive		
	player.				
	[optional] There will also be				
	Powerups the player can pick up to make them more effective at staying alive				
	The will	wher	never		
User Interface	Score/Lives increase		troying debris or ship	os/getting hit by	
		ship	s guns or debris		
	At the start of the game, the title and the game will end when				
	Rogue Squadron wi	ill appear     All li	ives are lost.		

Restart the game and have the player select difficulty.

## **Project Timeline**

Milestone	Description	Due
#1	- Create Player character and basic objects for the scene	02/17
#2	<ul> <li>Create firing animation for both player and enemy ships</li> <li>player can move about the scene without leaving play area</li> </ul>	02/24
#3	<ul> <li>Ensure collisions of debris and enemy guns destroy player</li> <li>Ensure player guns destroy enemies and debris</li> </ul>	03/03
#4	<ul> <li>Get asteroids and enemy ships to randomly spawn in on the screen to obstruct the player.</li> <li>Complete simulation of scrolling background</li> </ul>	03/10
#5	- Construct UI elements such as score and lives - Create Main menu and Game over screen	03/17
#6	- Complete Background music and animations -Sounds and effects	
Backlog	<ul> <li>Add power up collectibles for player to get</li> <li>Create a leaderboard with highscores</li> <li>Create a boss level after obtaining a certain number of points</li> <li>Create a difficulty selection screen</li> <li>Add roll animation</li> </ul>	03/31

## **Project Sketch**

