Advanced Games Programming

space go-fer

Sean Khanna & James Coyle

Level 6

Contents

# Game Requirements

## Simple

* 3rd person
* Player is a spaceship
* Movement
* Shooting
* Lighting
* Procedural generated asteroids with own trajectory
* Enemies with AI
* Collision detection
* Shader
* Physics
* Textures
* Skybox
* Camera
* Score

## Advanced

* Sounds and music
* Advanced shader techs
* Settings
* Shadow mapping
* Dialog Boxes
* Top down Camera option
* Advanced particle effects
* Custom Font
* Currency

# User Stories

## Simple

As a player I want to be able to see my ship so that I can see what my ship looks like.

As a player I can fly around in a ship because it’s a space game.

As a player I want to be able to move around the scene so that I can explore the map.

As a player I want to be able to shoot my enemies so that they don’t kill me first.

As a stakeholder I want there to be lighting effects so that the game has more personality.