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| Film Studio |
| Capstone Project |
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| Game Design Document for the Film Studio Capstone Project. |

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# Game Overview

## Game Description

Film Studio is a game that will be used to learn the basics of making Machinima. The players will take various roles required to make a make a Machinima and work to make a scene according to a chosen script. The players will go through stages related to the process of making Machinima and then once the Machinima is complete will be able to show off the video in a virtual theatre, and will also be able to submit the video online.

## Scenes

Players will be able to choose from a number of scenes, including common ones such as a back alley murder, an interrogation room, and even a ghost town. After choosing a scene, they will then be recommended a script, however if they want to they can use their own to achieve different styles of film.

# After the Film’s Debut

## Online Playing of Other Movies

After the film has been completed, the player’s movie will be able to be viewed by others. Players will also be able to view their film and others in a theatre mode, a special mode designed for playing movies for an audience.

## Rating of Movies

While in theatre mode the audience will be able to rate the film they are currently watching out of five stars. This score will then be added to a cumulative score that everyone will be able to view.

# Features

## Description of Scenes

Back Alley Murder – In the latest of a series of grisly murders, a body is found behind the local tattoo parlour. It’s up to Detective Donovan to put the pieces together to stop the killer before he can strike again!

Interrogation Room – It’s good cop, bad cop once again as Tongue Tied Timmy won’t reveal what he’s done with the money for the orphanage. Will the good cop convince Timmy to come clean, or will the bad cop have to break his spirit?

Ghost Town – A – supposedly – abandoned town that has recently been destined to be bulldozed and turned into a strip mall. While the present people may not care for the town, the previous residents are definitely in disagreement!

Abandoned Ruins – Your typical run of the mill abandoned ruins with a priceless treasure in the middle surrounded by traps. Will the brave explorers be able to keep their cool, their lives, and the treasure?

## Roles

Director – The director is the person in overall control. They will determine how the scene goes, what the actor does, where and how the cameraman shoots, what the general feel of the set should be, and how the lighting will work. They will have limited access to functions of the other roles, such as a mini-screen that displays what a selected camera is seeing, access to the spawn menu the set designer has, as well as access to lighting controls.

Cameraman – The cameraman is the person who films the scene and as such will have several functions related to screen effects, such as modifiable depth of field, screen ratios (within the resolution and aspect ratio of the cameraman’s computer), and recording.

Set Designer – The set designer will be responsible for placing and moving objects around the scene and for making sure scenes are visually consistent. They have the ability to pick up and move objects around, as well as access to a spawn menu to bring new objects into the scene from a list of available objects.

Actor – The actors in the scene will be controlling the avatars in the camera’s lenses. They will have features that will help them convey what they are trying to do, such as selecting pre-made simple animations and binding them to keys so that they can perform actions on command.

Lighting Designer – The person responsible for lighting in the scene. They will have control over spawning different types of lights, as well as being able to manipulate their position, rotation, and colour. They could also be a light source themselves for more intricate shots.

## Online

Players will be able to submit their movies online with a title, a short description, and an author name. The community will then be able to view the movies and give them a rating out of five stars, and will also be able to leave comments on the film. Players will then be able to see these comments, and take constructive criticism away from them while ignoring other comments.