

Project Deliverable H: **Prototype I and Customer Feedback**
GNG 1103 – Engineering Design
Faculty of Engineering – University of Ottawa

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Table of Contents

<i>Introduction</i>	2
<i>Client Feedback</i>	3
<i>Prototype</i>	3
<i>Prototype illustrations</i>	4
<i>BOM Update</i>	5

Introduction

This document, deliverable H, will provide additional information and modifications that were implemented onto prototype two from the given feedback during the client meetings. A few

examples such as: prototyping test plan, analysis, and results. The document also displays the third and final prototype with extra images. Finally, it will include the prototyping test plan with targeted specifications and the updated BOM.

Client Feedback

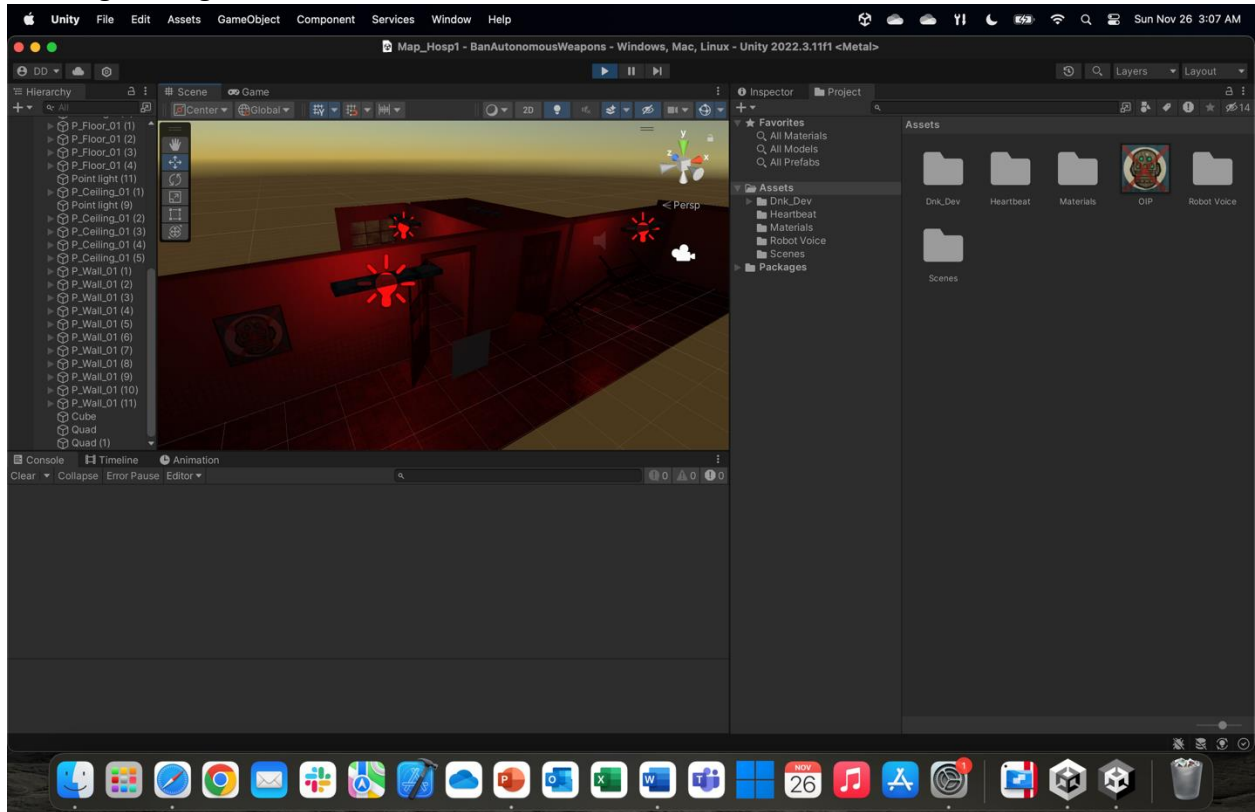
- The theme was good, but the type of AI robots being presented was unclear
- Try to clarify the storyline a little better
- A full dystopian environment will be hard to see the concepts intended portrayal of adaptations
- Good environment, but a little dark makes it hard to see the details.

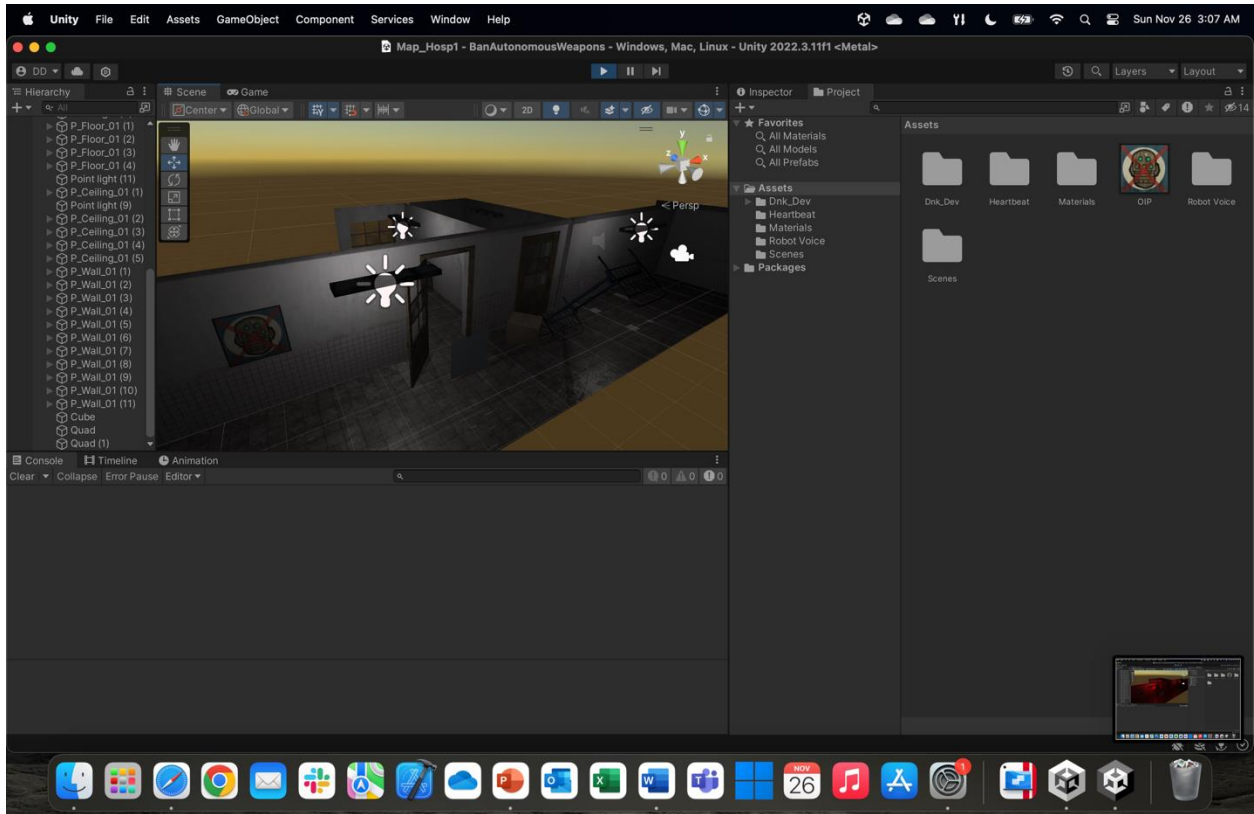
Prototype

There are three prototypes this week, the first one is the flashing red lights, this animation was made in the timeline feature of unity. The second prototype is the robot voice telling the user to go outside and get identified, this paired along with the heartbeat sound creates the stress of what someone who would have to deal with killer robots would go through. Finally the last prototype is a poster that resembles a poster telling people to wear a mask for covid, except this time it's for killer robots to no identify you.

Prototype illustrations

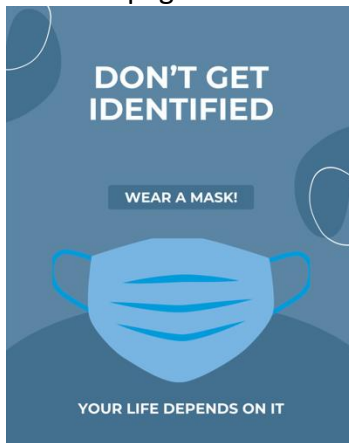
Flashing Red Lights:





Robot Voice and Heartbeat Sound.

Mask Propaganda:



BOM Update

Part #	Part Name	Description	Quantity	Unit Cost	Extended Cost
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1	Personal Computer	Computers of use for software; provided by university or members	5	NA	NA
2	Unity	3D game engine to be used	5	NA	NA
3	HTC Vive	VR set, to be provided by university	1	NA	NA
4	VR headset	VR headset, in combination with Vive	1	NA	NA
5	Robot Pack(TBD)	Pack of 3D robots to be used for project	1	Free	Free
6	World-Building Pack(TBD)	World building for our simulation of torn down area	1	Free	Free
7	Robot Sound Pack	Robot voice features to announce messages to player.	1	Free	Free
8	User Sound Pack	Player heartbeat to add some tension	1	Free	Free
Total					0\$