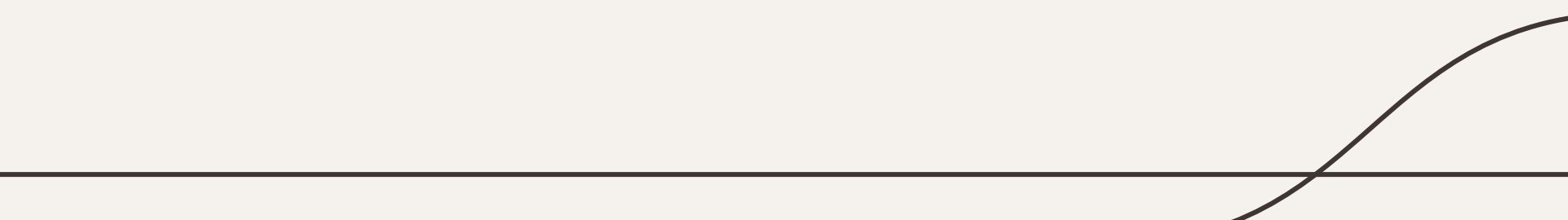




Project Presentation

Tuesday, November 21st, 2023 - Noor, Luca, Dev, Ava



Clients & Users

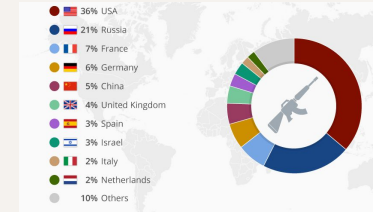
Mines Action Canada



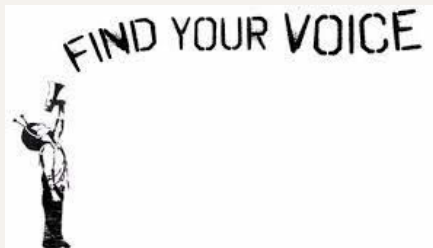
Policy Makers



Weapon Manufacturers



Youth in Social Justice



United Nations



Engineering Students



EMPATHIZE

DEFINE

IDEATE

PROTOTYPE

TEST

Client Needs

Client Needs from Meeting #1

Design Specifications

**“VR curated
experience”
30-60 seconds**

Content Specifications

**“Dehumanization”
“Bias & Morality”**

Overall Impact

**“Simplicity”
“Concern & Hope”**

EMPATHIZE

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Design Criteria & Target Specifications

Functional

= two interactions

✓ locomotion

≤ 30 seconds

Non-Functional

= includes two specific concerns

< 5 second delays

= 1080 resolution

Constraints

✓ usable to wide variety of users

✓ use background music / sounds

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Technical Benchmarking

Short and Convincing



Smooth Final Product



Captivating for All



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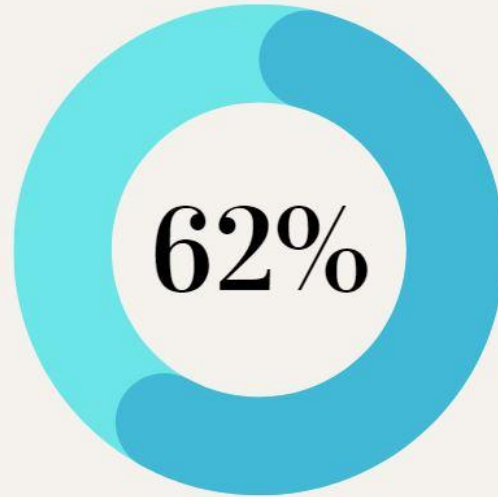
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User Benchmarking



of people are
not in favour
of autonomous
killer weapons

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DIVERGE

CONVERGE

Subsystems

Convince policy makers to preemptively ban autonomous killer robots by showcasing the **devastating effects** of these weapons on society

Subsystem 1

Background Scene

Subsystem 2

Gameplay

Subsystem 3

Music / Sound

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Main Ideas

DIVERGE

CONVERGE

“Inside Home” Concept



“Robot POV Concept”



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DIVERGE

CONVERGE

Research

Research Following Client Meeting # 2

Dehumanisation



Systematic Injustice



Explore Home Setting

Opt for more personal, inside home perspective

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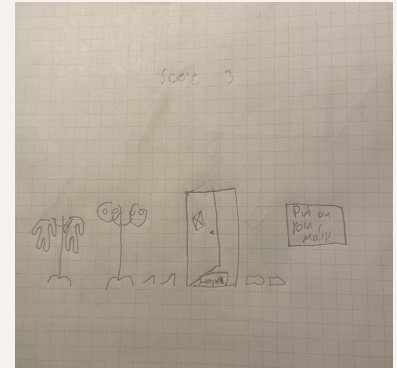
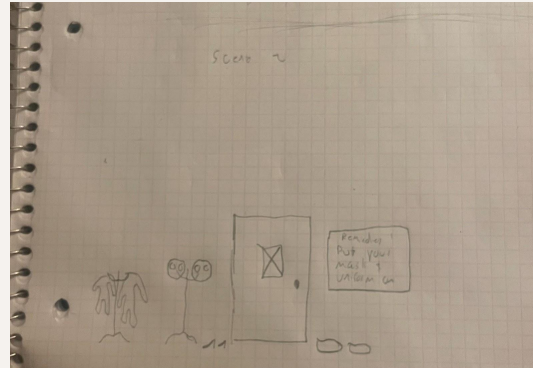
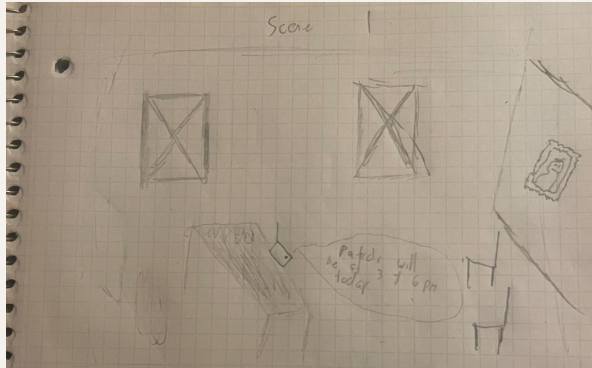
PROTOTYPE

TEST

Storyboard

DIVERGE

CONVERGE



EMPATHIZE

DEFINE

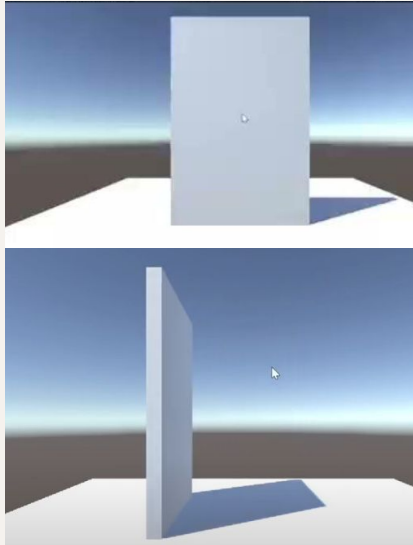
IDEATE

PROTOTYPE

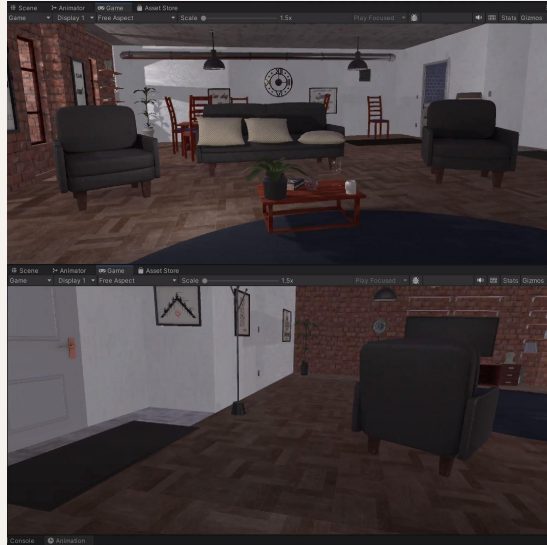
TEST

Prototypes & Product Development

Goal 1: Interactivity



Goal 2: Movement



Goal 3: Realism

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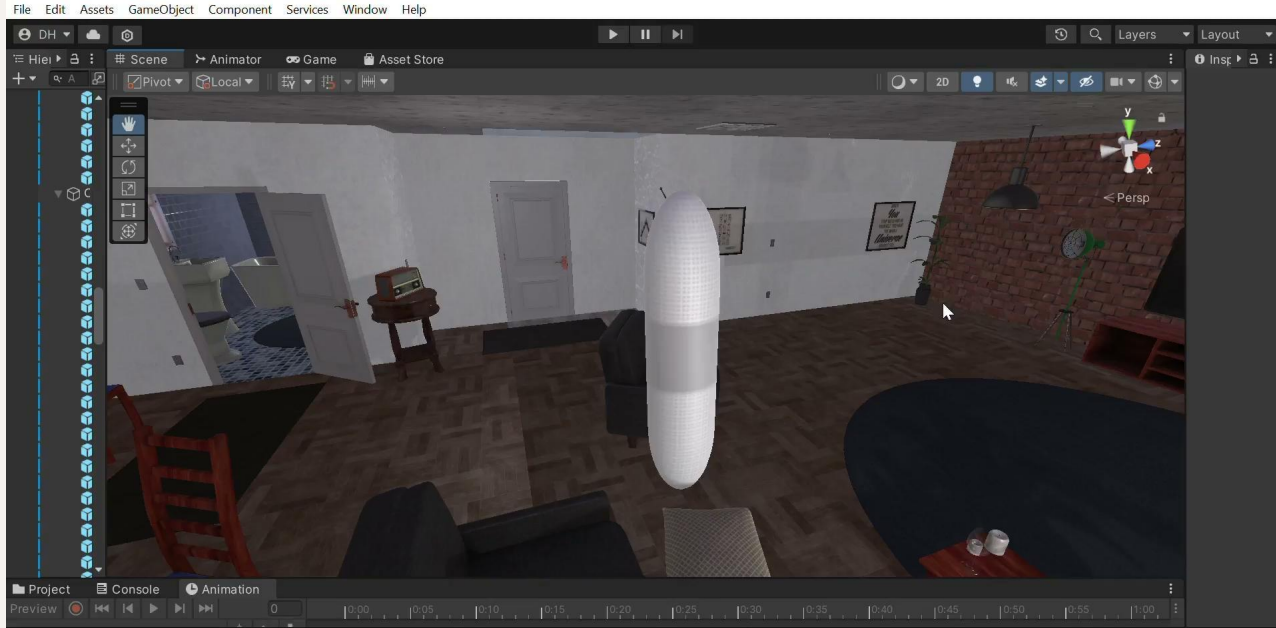
DEFINE

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PROTOTYPE

TEST

Testing



EMPATHIZE

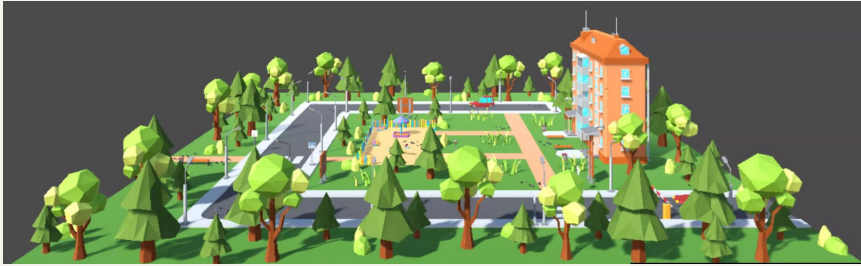
DEFINE

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PROTOTYPE

TEST

Lessons Learned & Next Steps



⚠️ REMINDER ⚠️


You don't want to be a victim!



Wear your mask before exiting the house!

⚠️ WARNING ⚠️

Autonomous killer robots patrolling the streets



Don't be a target!
Wear your mask!

EMPATHIZE

DEFINE

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