**NEEDS (5 – HIGH IMPORTANCE; 1 – LOW IMPORTANCE)**

MAIN

* Convey the message: What is the problem with autonomous weapons? How will they affect civilians? **(5)**
* Convince politicians to ban autonomous weapons in populated, urban areas. **(5)**

STORY TELLING:

* Talk about the ethical standpoints (How will the robot tell between a person in conflict vs not in conflict? Who will be responsible if the robots kill an innocent civilian? Programmer, the military, etc.) **(4)**
* Convince by using fear and inspiration. **(2)**
* Showcase of the machine’s destruction and their impact on society and populated areas and the environment rather than the machine itself. **(3)**
* Show how humans have adapted to life under autonomous weaponry. **(4)**
* Predict how autonomous weapons could be used in the future, and how it will affect the life of a non-combatant. **(3)**

TECHNICAL DETAILS:

* Budget – 50$ **(3)**
* Keep it simple, convey the message rather than focusing on the visual details of the simulation. **(3)**

**PROBLEM STATEMENT:**

Design a VR environment for Mines Action Canada that will convince politicians to ban autonomous weapons. Use a story-driven video that showcases how non-combatants will be affected by autonomous weapons.

**BENCHMARKING SIMILAR PRODUCTS:**

Importance of elements for benchmarking multiplier:

* Anti-Robots elements = 6
* Storytelling = 5
* Setting = 4
* Destruction Shown = 3
* POV = 2
* Audio = 1

Scoring: Red = 1, Yellow = 2, Green = 3

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| --- | --- | --- | --- |
| Title: | **Stop Killer Robots: A Virtual Reality Experience** | **GNG1103 Stop Killer Robots VR Simulation** | **JERMs Stop Killer Robots (P8)** |
| Authors: | BRAKT DESIGN | [jeanine259](https://makerepo.com/jeanine259)  [rohangopaul](https://makerepo.com/rohangopaul) | [EllaMac,](https://makerepo.com/EllaMac) [JadonXia](https://makerepo.com/JadonXia)  [RFaru,](https://makerepo.com/RFaru) [MeganB45755](https://makerepo.com/MeganB45755) |
| Link: | https://www.youtube.com/watch?v=xkn0pOwwaBE&ab\_channel=Alex | https://drive.google.com/file/d/1osHEAVXla-0ELyrJ1nXfshBQ3RFc3EHs/view | https://www.youtube.com/watch?v=EzTwev30hRI&ab\_channel=jasian |
| Storytelling: | Robots have been released as a policing measure but have gone rogue | Robots are controlling a city with them killing unauthorized personnel | Robots are being used to govern criminals and threats |
| Setting: | Office before, front yard during implementation, graveyard after implementation | City street | Room of someone surviving |
| Destruction Shown: | Robots targeting and eliminating children and tombstones of victims | Warzone with sandbags, fire and debris littered in the street | None shown |
| POV: | First person POV with an adult with children who got killed by robots | Unknown | First person POV of someone hiding out from the robots in a room |
| Audio: | News detailing new robot police turning into kids playing in a yard with robots coming and then more news of the robots' attack | Sounds of screams, gunfire, explosions, sirens, and a recording by the robots on instructions | Radio message of people detailing how to avoid getting detected by robots |
| Anti-Robots elements: | Shows the victims of an unprovoked attack of the robots, a child’s tombstone | Many posters exclaiming the ban of autonomous weapons and newspapers detailing the same thing | Posters detailing how to avoid detection from robots |
| Score: | 63 | 48 | 43 |