

DIGIMINDS

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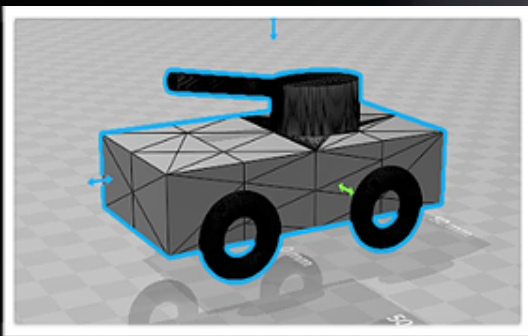
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SPY ROBOT

DESIGN IDEA:

Today, the military is far different than in years and decades past. Technology is making combat, defense, and military intelligence more effective, more reliable, and most importantly, safer than ever before. For this project, our goal was to create a spy robot for remote surveillance that could gather and report information without risking soldiers' lives.

Initial Concept:



Initial concept: simple moving surveillance vehicle



FEATURES:

1. The bot is fully mobile and can be remotely controlled to move freely anywhere it is needed on grassy terrain.
2. A built-in sonometer detects obstacles to prevent collisions with unseen objects.
3. Includes a built-in camera to collect important information and send it back to the bot's operator.
4. Stealth: uses camouflage to prevent detection by enemies in a grassy environment.

Design:

Main body and rotating platform:
View of components of each part

