

# Cleaning and Mapping Robotics Project

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# Outline

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# Introduction

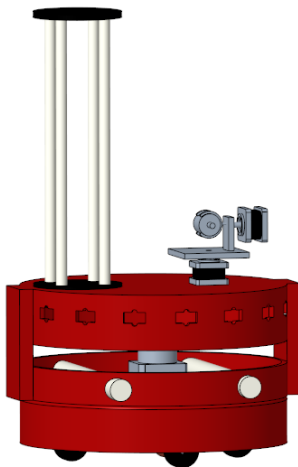


Figure: Current disinfecting, mapping, and cleaning robot design

- Added inserts for two horizontally position UV lamps
- Considered options for a streamlined lamp fold up and down system
- Considered placing four fluid spraying apparatuses around the circumference of the top surface of the robot (may rotate in place)

# Plans

- Design sprayer housings, lamp mechanism
- Design new wheels (wheel housings) to ensure stability of the robot