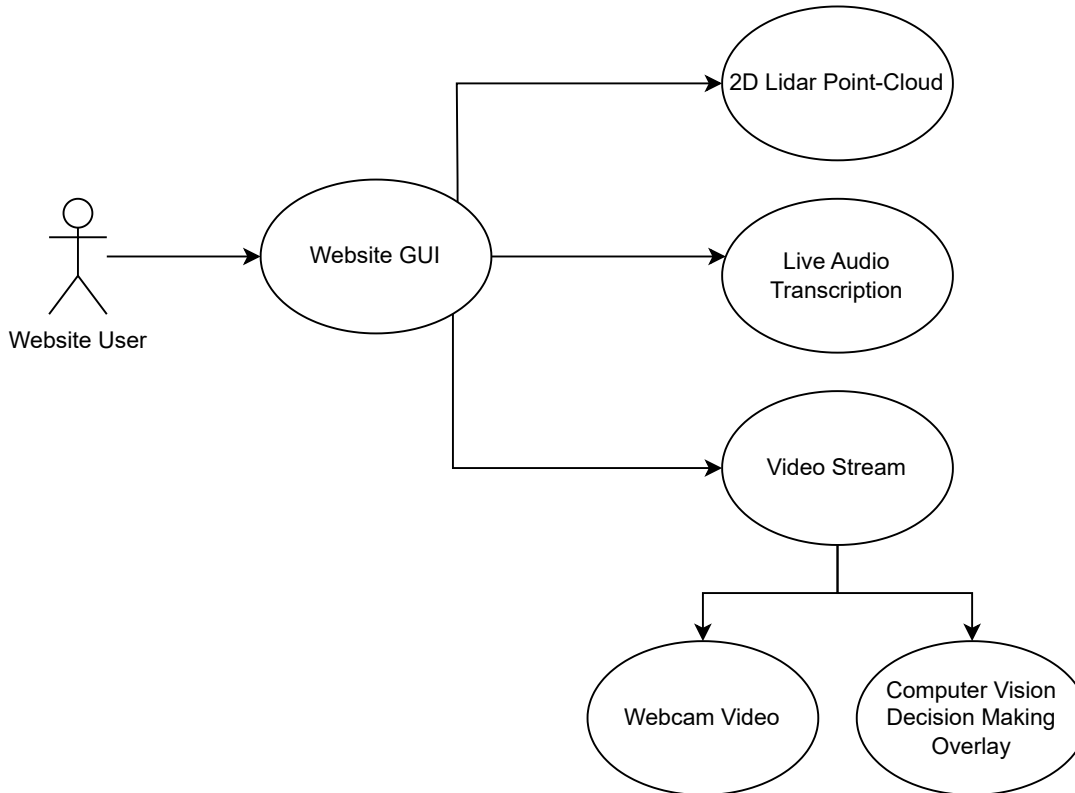


Talk to Robot

A Robot User will be able to talk to the robot. The robot will listen using a live audio feed and send the audio data to the server. The server will intuit the speech and either issue a direct command to the robot, or respond in natural language.

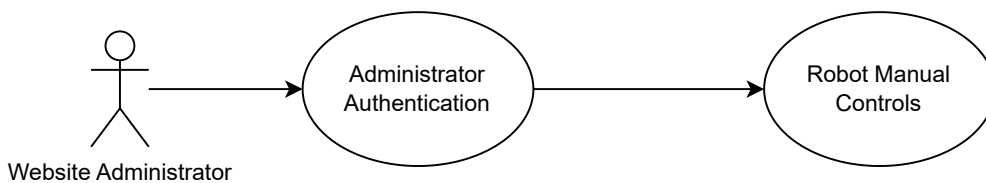


Website GUI

The website hosted on the server will display a GUI with various data visualizations about the robot. The Website User will be able to view live video, audio transcription, and Lidar data feeds.

Video Stream

The video stream will be a combination of a live webcam feed, and a computer vision assisted overlay describing the robot's decision making capability.



Robot Manual Controls

An authenticated Website Administrator will be able to use joystick style controls to issue manual commands to the robot.