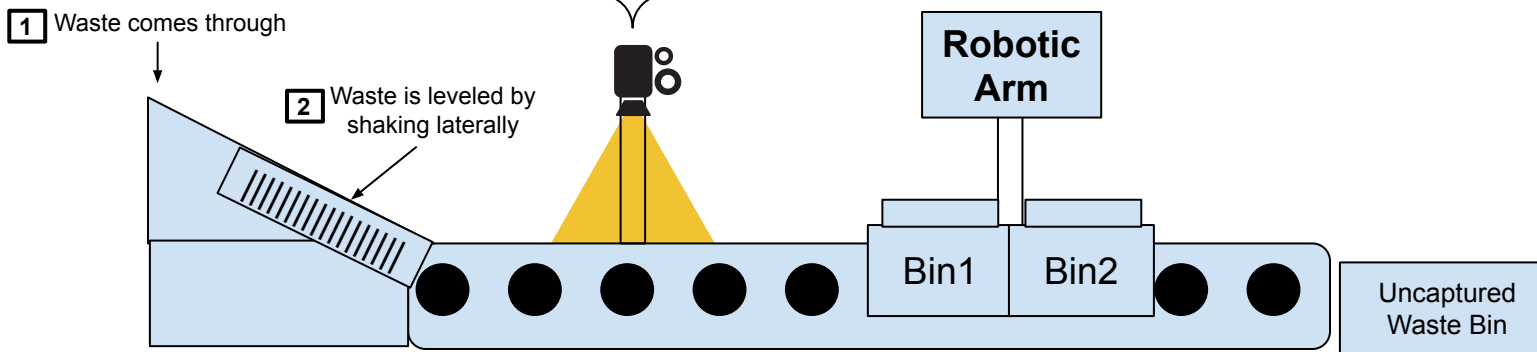
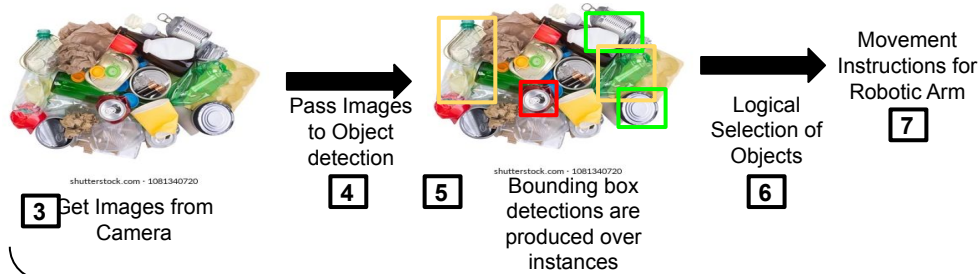
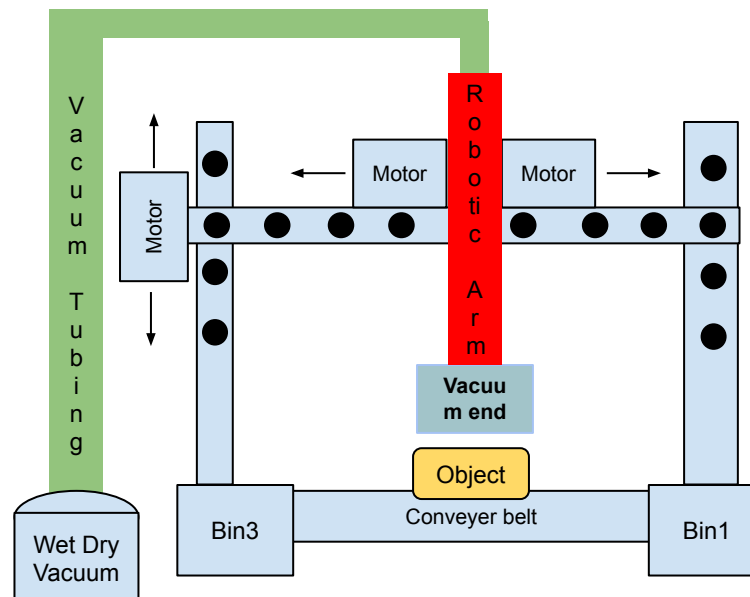


Proposed Autonomous Camera Based Recycling System

Object Detection System



Robotic Arm System



- 9 Motors move the robotic arm in place to pick up object
- 10 Vacuum end sucks up object, attaching it to the end
- 11 Robotic arm moves over the proper bin
- 12 Vacuum end release object into bin
- 13 Robotic arm is given instructions for the position of the next object

Vacuum End System

