

Robot's Snapshots

"Figure 3,4,5,6":

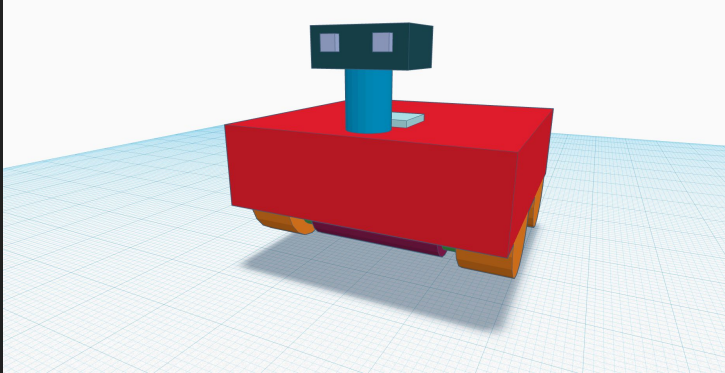


Figure 3. Robot #1, design (Detection)

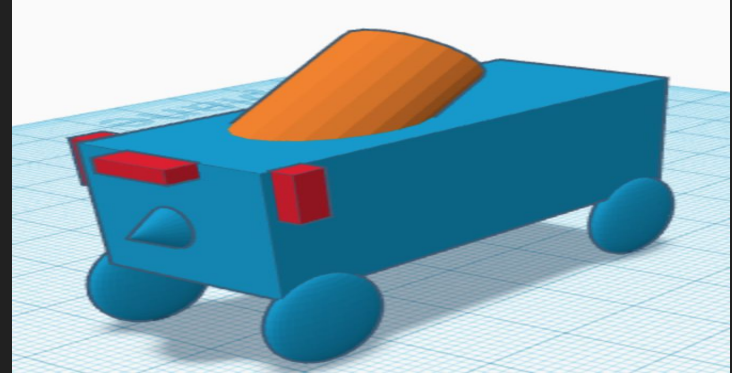


Figure 4. Robot #2, design (Liquidation)

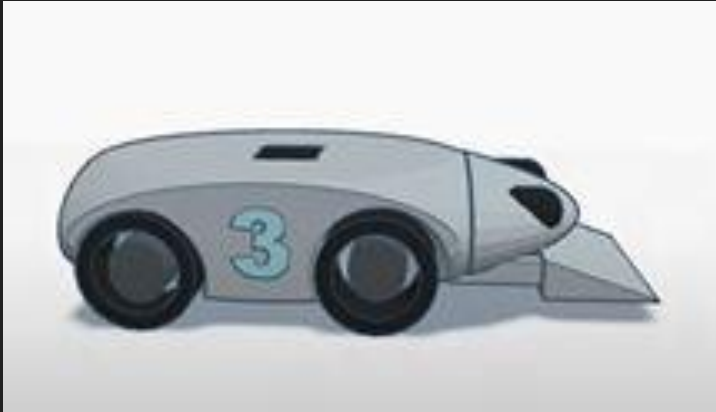


Figure 5. Robot #3, design (Collection)

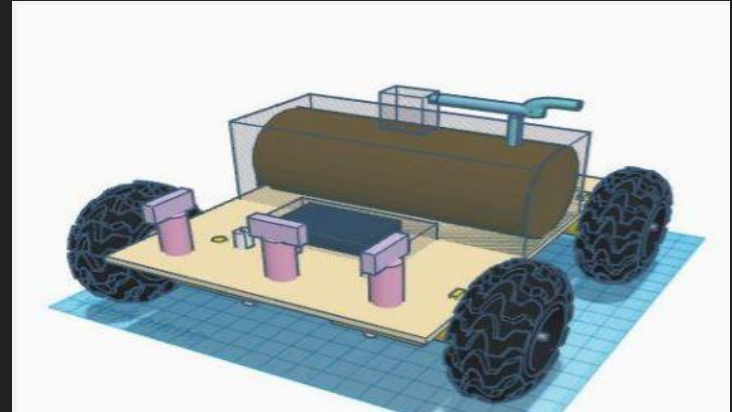


Figure 6. Robot #4, design (Sanitization)

“Figure 7,8,9,10” ■

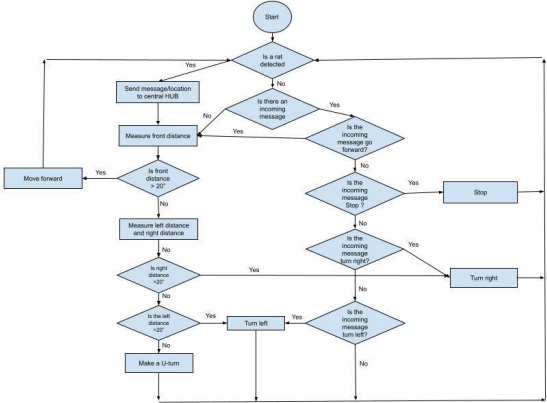


Figure 7. Robot #1, (Detection) Activity diagram

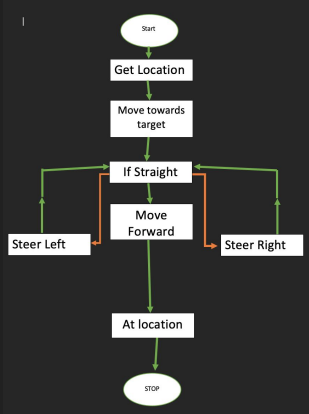


Figure 8. Robot #2, (Liquidation) Activity diagram



Figure 9. Robot #3, (Collection) Activity diagram

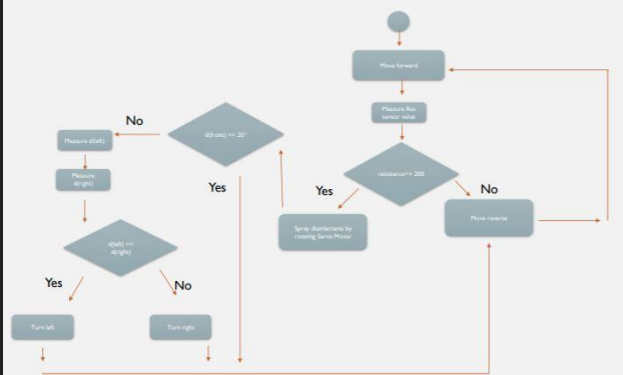


Figure 10. Robot #4 (Sanitization) Activity diagram

“Figure 11” ■

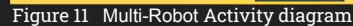
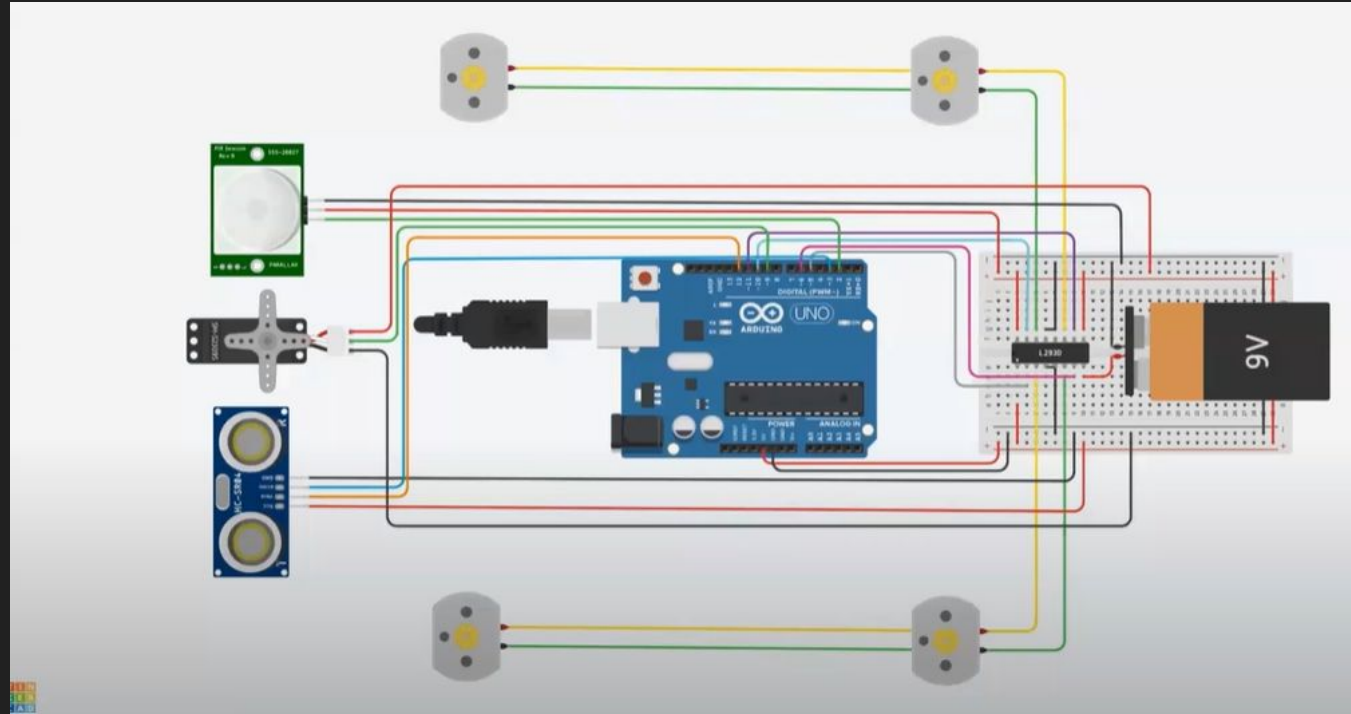
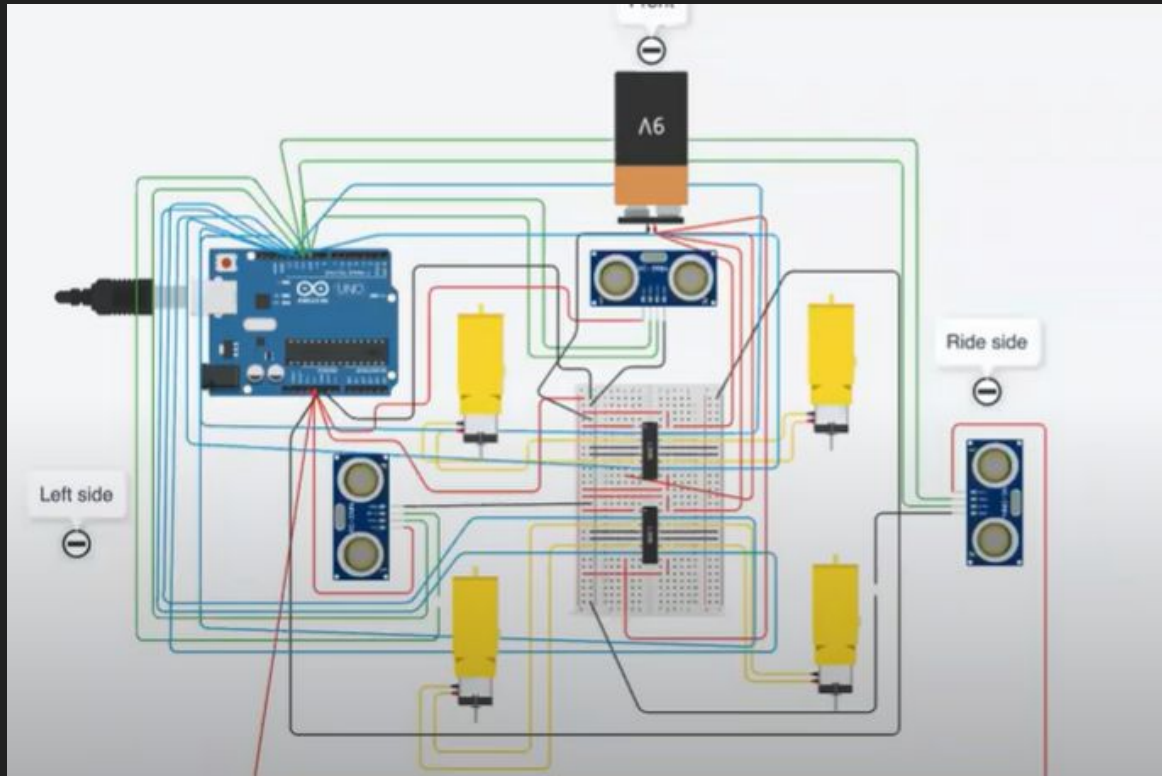


Figure 11 Multi-Robot Activity diagram

Circuit - Robot 1

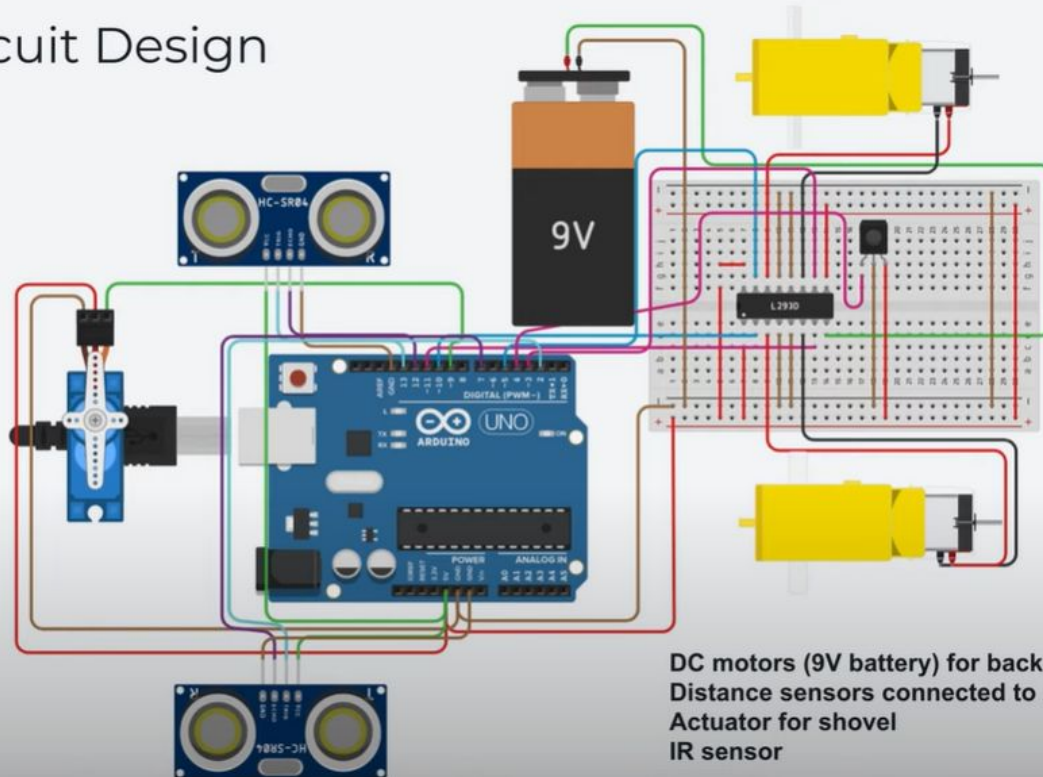


Circuit Simulation - Robot 2



Circuit Simulation - Robot 3

Circuit Design



DC motors (9V battery) for back wheels
Distance sensors connected to Arduino
Actuator for shovel
IR sensor

Circuit Simulation - Robot 4

