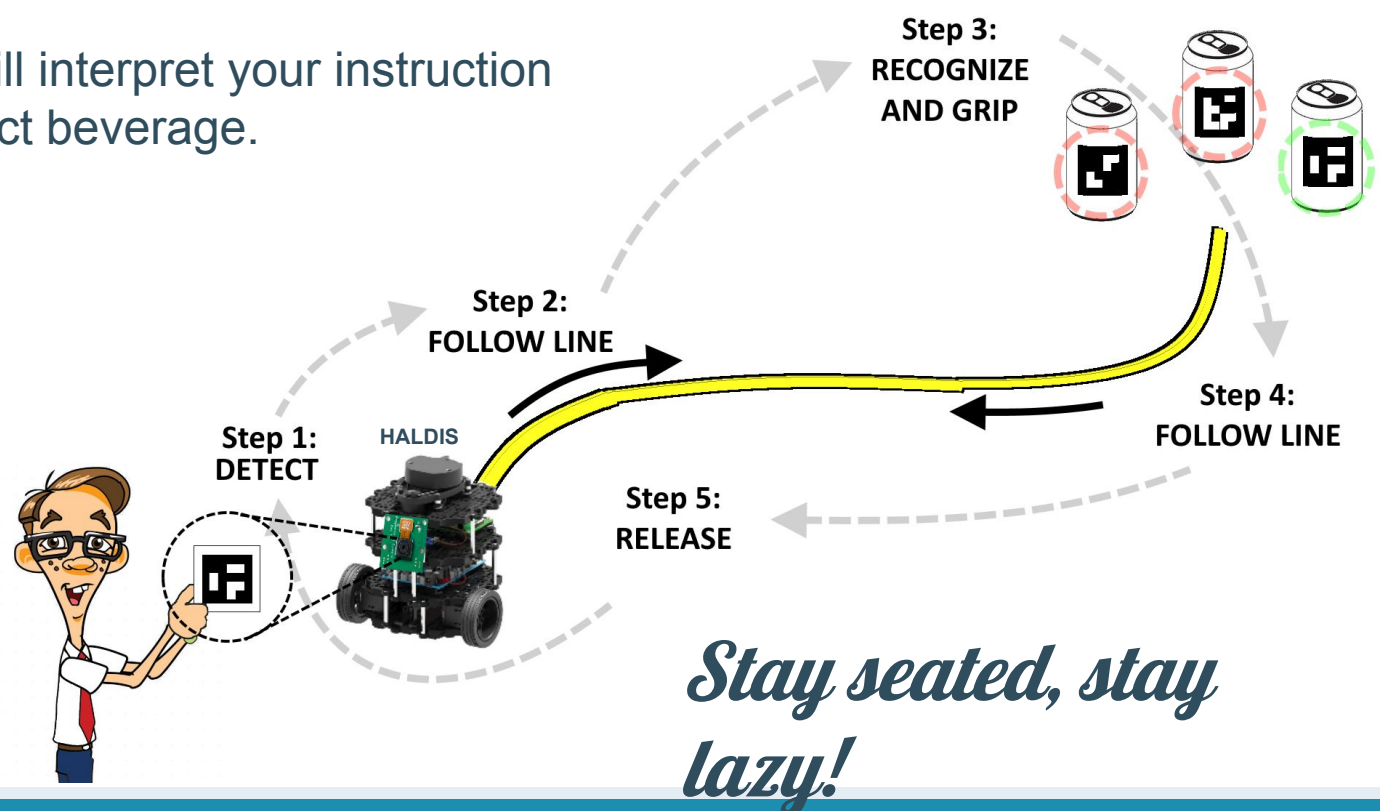


H.A.L.D.I.S.

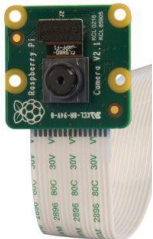
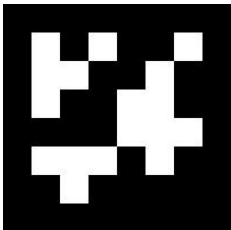


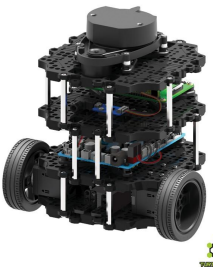
The Mission

The HALDIS bot will interpret your instruction and fetch the correct beverage.

Follow this project on  YouTube

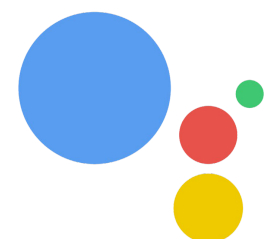
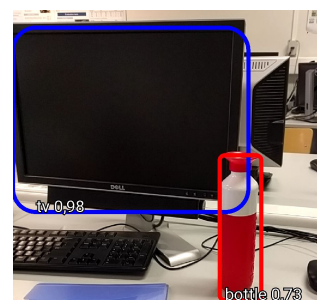


Design

| Perception | Decision | Actuation |
|---|---|---|
| <ul style="list-style-type: none"> Raspicam ArUco Markers   | <ul style="list-style-type: none"> Raspberry pi  | <ul style="list-style-type: none"> Robot movement Robot gripper   |

Future features

- Object detection and classification:
 - markerless drink detection
 - markerless visual commands (logos, gestures,...)
- Connect with Smart Home
- Use voice commands



Planning

