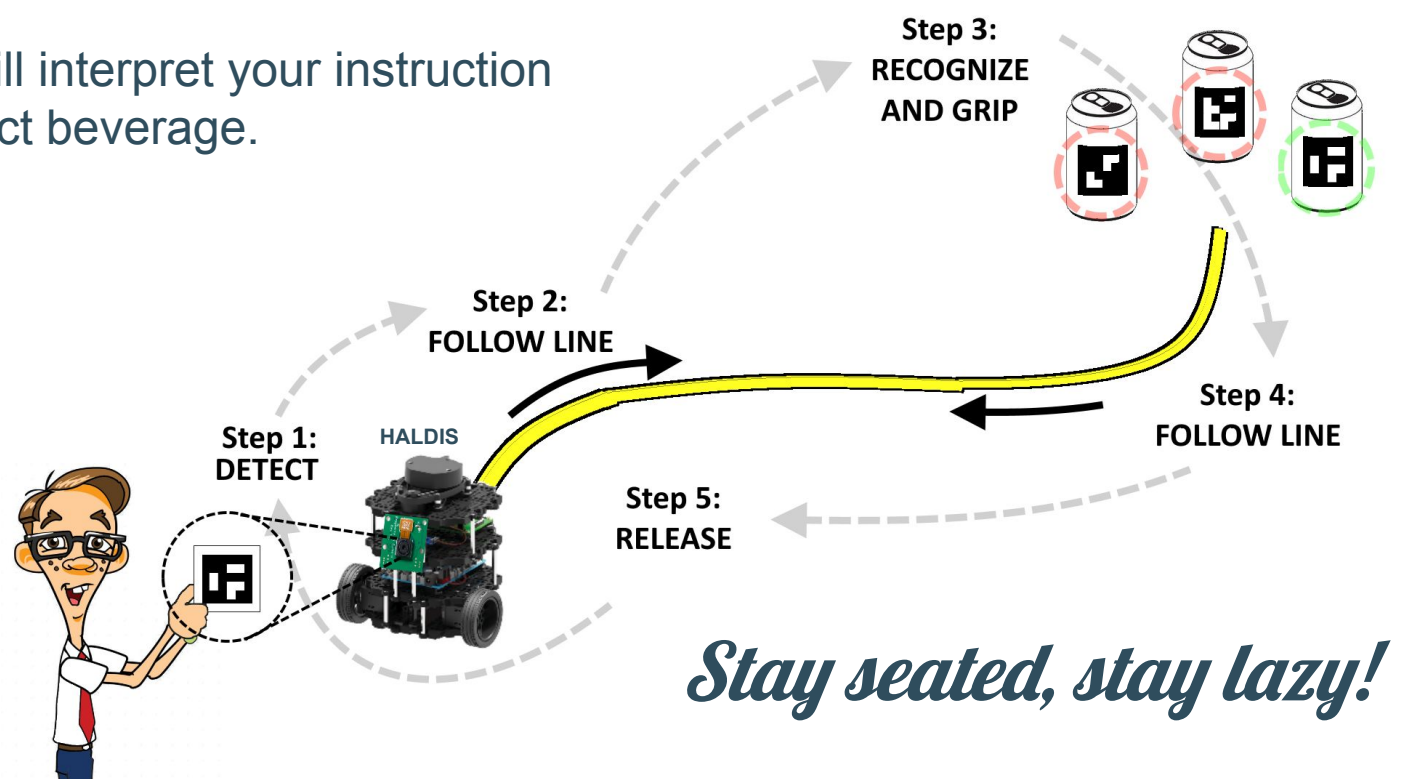


H.A.L.D.I.S.

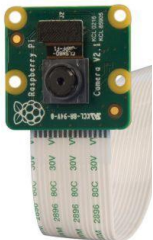
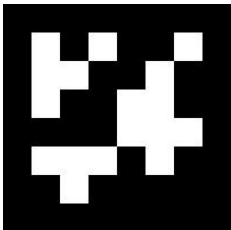


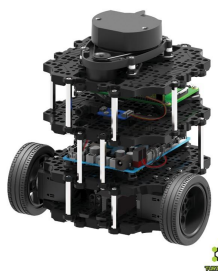
The Mission

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

Follow this project on  YouTube

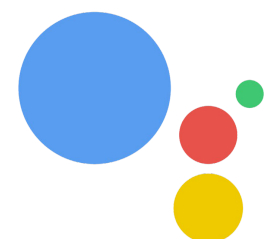
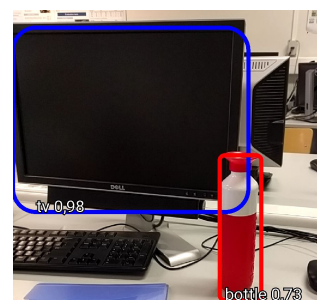


Design

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 (logo's, gestures,...)
- Connect with Smart Home
- Use voice commands



Planning

