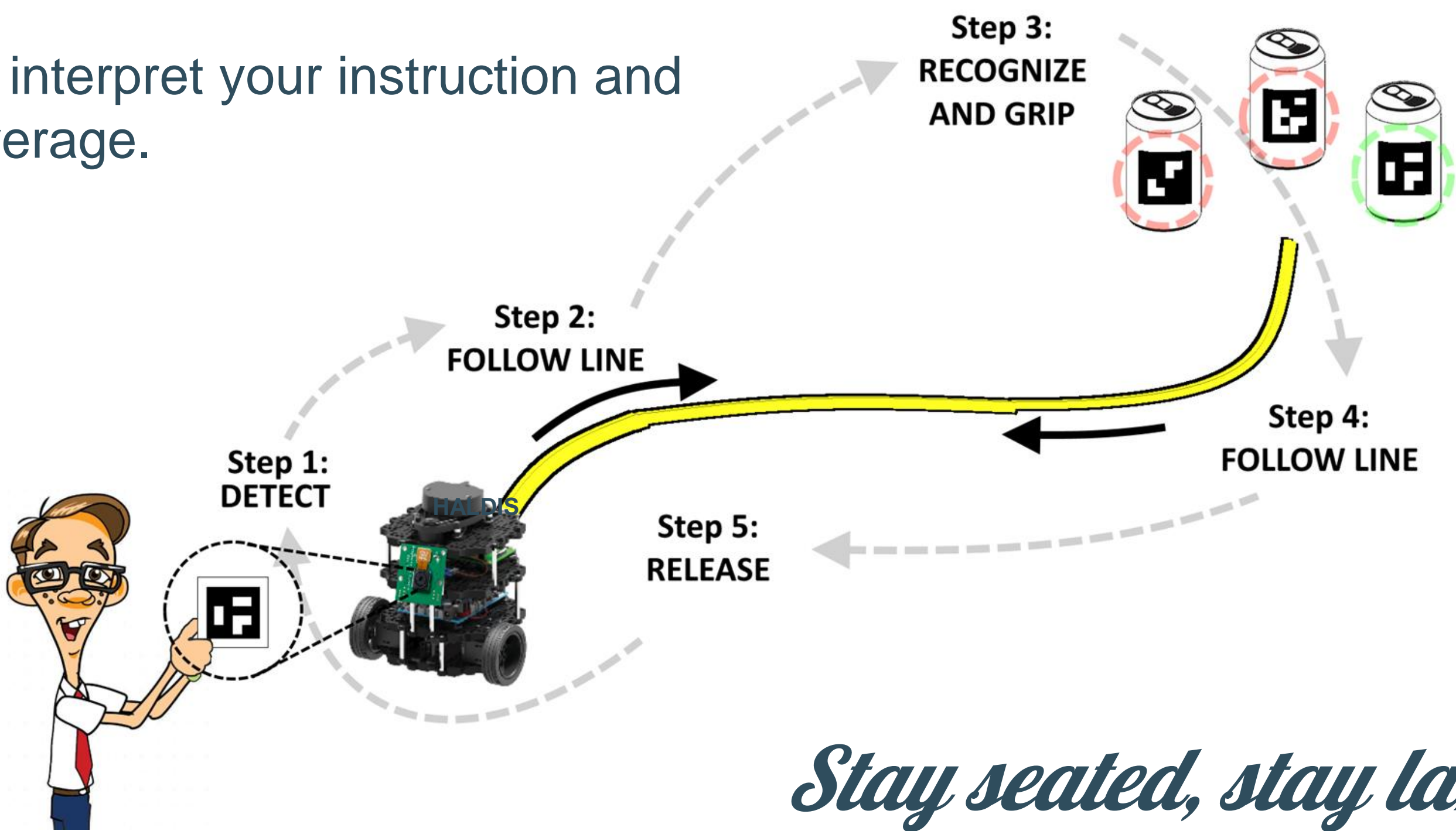


H.A.L.D.I.S.

The Mission

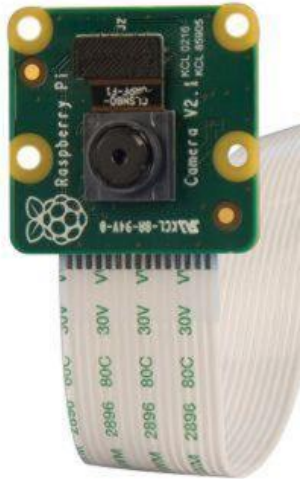



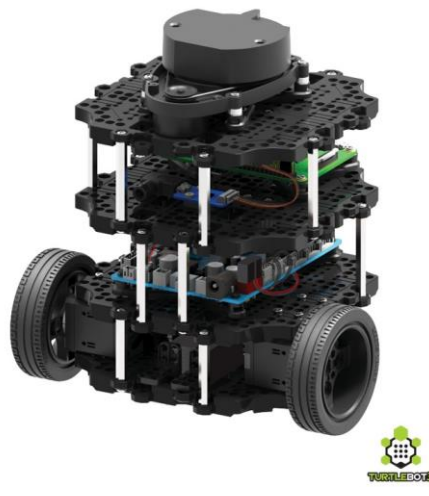
The HALDIS bot will interpret your instruction and fetch the correct beverage.

Follow this project on  YouTube



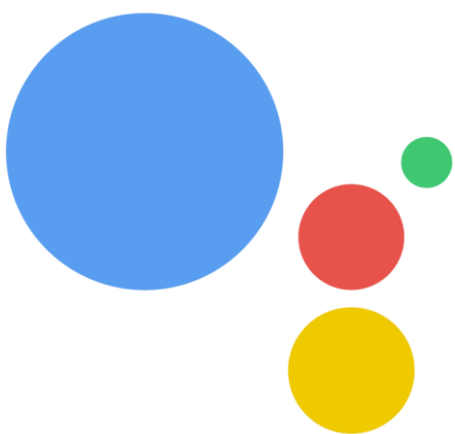
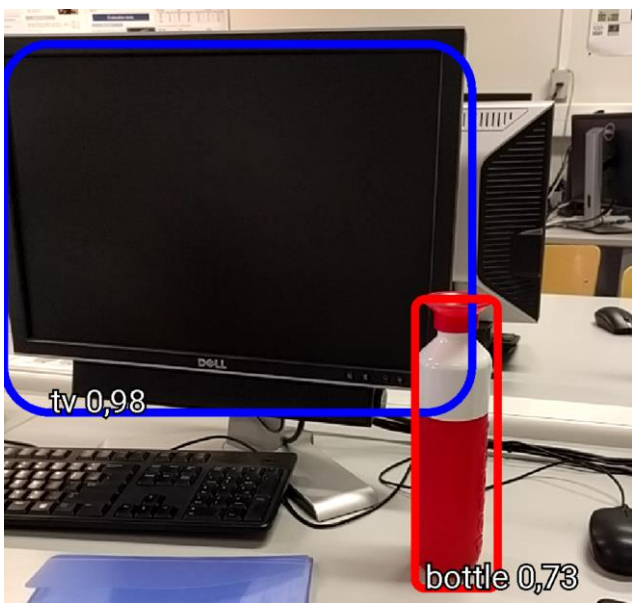
*Stay seated, stay lazy!*

Design

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

Future features

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



Planning

