# MINI CHALLENGE

# Mini Challenge

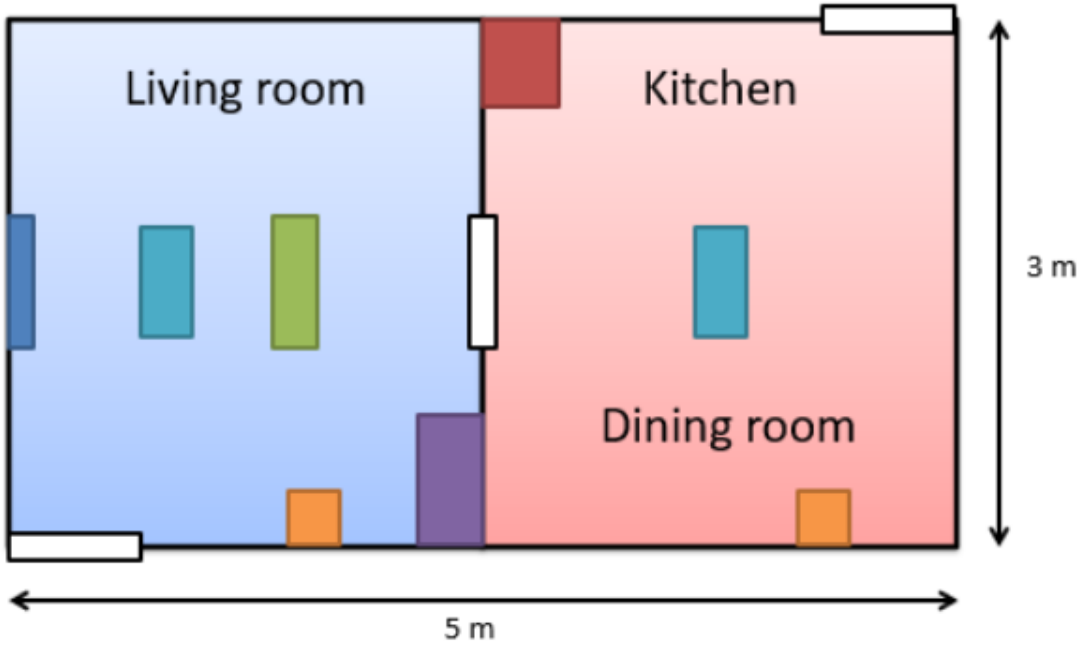
**“Carry My Luggage”**

- Adapted from RoboCup@Home Education Rules 2022 https://www.robocupathomeedu.org/rules
- Bonus: Voice commands for “Follow Me” and goal location, greet when someone approached.

1. “Follow Me” to the car.
2. Autonomously navigate back to the goal location in the house.

# Mini Challenge

- Floor plan below for reference.
- Can arrange a simplified layout with partitions.



# Jupiter AI Robotics System

JUPITER ROBOT

http://www.jupiterobot.com/

Jupiter OS

Jupiter Robot

**Robot Intelligence**
AI, Machine Learning, Cloud Computing

**Natural Interaction**
Speech Interaction

**Computer Vision**
Visual Perception, Object Recognition

**Mobile Platform**
SLAM, Navigation

**Robot Arm**
Object Manipulation

Jupiter IO

# Acknowledgement

- We are a proud partner and supporter of the RoboCup@Home Education initiative.
- This material is developed based on the OpenCourseWare of RoboCup@Home Education.
- https://www.robocupathomeedu.org/learn

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