Process – installed turtlebot3 (burger), and the house world. Launched them both in rviz, and controlled them with the teleoperator to get the 2d map. Later, tried to put the stereocamera code into the robots urdf, but ran into problems. Planned to use camera plugin along with sensor\_msgs.

House World

A picture containing diagram

Description automatically generated

2D Map in progress, we can make out the legs of the tables and the dustbins

A screenshot of a computer

Description automatically generated with medium confidence

Loading up the bot and the world

Text

Description automatically generated

Starting the teleoperator

Text

Description automatically generated

SLAM

Text

Description automatically generated