Wirom Experimentation

addRobot(bb8,"Pete",3,9)

I used the test all forward the first time I got it up and working, just to see that all the robots were working.

Tried out the quarantine task, and saw the moose and mavic2pro working together, with mavic2pro going to and sending locations, and moose visiting those locations. Afterwards I played around with the quarantine delivery by adding an extra location for the mavic2pro and moose.

Made a bb8 robot and named him Pete. Then made a task with a bb8 specific simpleaction: go_slighly_left, Pete was the only option when manually allocating the task, but the algorithms doesn't seem to have awareness of him. Tried a general go backwards simpleaction instead and hit random_allocation multiple times. All the other robots got allocated to the task, even the other bb8-robot, so I'm not sure what I needed to do for the task allocation algorithms to consider poor Pete.

I've tried out the different allocation algorithms by making a new mission and adding a task with several simpleactions.

Tried allocating task on gigamission, the tasks there that were named for PR2 would only allocate task to the PR2 robot, even on the random_allocation algorithm. Probably because this is the only robot that could execute the release_box-simpleactions that were found in this task. When using CBAA, the moose tasks would all be given to pr2 as well, with tasks "task for BB8-#" remaining unresolved for any task allocation algorithm. Maybe the software had a problem detecting the BB8, because there was no option in the dropdown menu for manual allocation of these tasks. This could also be because you cannot allocate task unless every simpleaction in that task can be done by any one robot.

Using automatic task allocation for moose-tasks would delegate every task to the mavic2pro for some reason.

The random task allocation is the only one that can give different result whenever you reapply it, the others seem more deterministic.