Weekly reports are to be emailed to atbecker@uh.edu by 5:00pm on Tuesdays. The purpose of a weekly report is to: (1) give you text and images for your papers, thesis, and dissertation, (2) document progress, (3) identify if you are stuck or need resources.

Weekly report

1. **My *Goals* from last week**

*Project 1* <Kilobots Matlab>

* Help debug for current problems with variance control

*Project 2* < Object Manipulation Simulation >

*Project 5* <Object Orientation Matlab>

* Need to start writing matlab code for this

*Project 4* <Object Orientation Simulation>

*Project 4* <Mean Game>

* None

*Project 5*<Miscellaneous>

* I need to figure out what I want to do for Senior Design and research!!!!
* I need to facilitate the research paper review for the Tuesday meeting

**My *Accomplishments* this week**

*Project 1* <Kilobots Matlab>

* We didn’t get to experiments

*Project 2* < Object Manipulation Simulation >

* Finished simulation of regions and sent it to Chris
* Automated recording results with localStorage
* Created state map for region maps

*Project 5* <Object Orientation Matlab>

*Project 4* <Object Orientation Simulation>

*Project 4* <Mean Game>

* None

*Project 5*<Miscellaneous>

* I talked to Rakshak and learned more about the field of machine learning. I realized I need to first pick a topic of interest and then find computer science people to join my team.
* The paper session went really well! Most everyone read it and we had a healthy discussion.
* Submitted my poster to GHC

1. **My *Goals* for next week**

*Project 1* <Kilobots Matlab>

*Project 2* <Object Manipulation Simulation>

* Automate multiple simulation scenarios with simple true/false activations. I need to vary the # of robots, the noise, and add different shapes.
* Add a control for when the # of robots in the region is zero. If that happens, we’ll pick the adjacent region with the most robots and navigate them to the object. Having the # of robots equal zero is a problem causes our mean and cov calculations to be undefined.

*Project 5* <Object Orientation Matlab>

*Project 4* <Object Orientation Simulation>

*Project 4* <Mean Game>

* None

*Project 5*<Miscellaneous>

* I need to pick my research topic
* Look over Chris’s game instructions

1. **What I need Dr. Becker to do:**

* Have a great vacation!
* Continue giving feedback on anything and everything