

Period One-Project Plan

Goals and Tasks for Botball 2019

Games Goals and Tasks

1. Build the game board (GET MATERIALS; ASSEMBLE)
2. Review game rules
 - Review point distribution as it relates to the game board
 - Check up on terms for disqualification and tie breakers
3. Strategize and record in notebook
 - Look at game board and develop based off of map layout
 - Continue to develop and modify based on point distribution

Robot Building Goals and Tasks

1. Construct the second bot
 - Find a way to build the arm to reach higher for skyscraper grabs
2. Edit both bots to fit our needs if necessary
- 3.

Programming Goals and Tasks

1. Have the robot be able to act according to situations using sensors as opposed to hardcoding
2. Be able to dynamically perform the required tasks based on our strategies
3. Make sure that the two bots are able to work together and without conflicts

Documentation Goals and Tasks

1. First Period Documentation Complete
2. Second Period Documentation Complete
3. Third Period Documentation Complete

Schedule Conflicts

- | | |
|--|---------|
| 1. College visit- $\frac{1}{3}$ of team absent from class | 1/17/19 |
| 2. Internship Week- $\frac{1}{3}$ of team out of class for 2 class periods | 1/29/19 |
| 3. Internship Week- $\frac{1}{3}$ of team out of class for 2 class periods | 1/31/19 |

Team Organization

Schedule of Meeting Times:

Schedule for January- 15th, 17th, 22nd, 24th, 29th, 31st

Schedule for February- 5th, 7th, 12th, 14th, 19th, 21st, 26th, 28th

Schedule for March- 5th, 7th

Division of Labor:

Adult Team Leader: Sara Moren

Robot Building Team for PuddingBot: Jack Jones* and Grant Koski

Robot Building Team for Cayde-7: Ava Fritts and Grant Koski

Programmer for PuddingBot: Jack Jones*

Programmers for Cayde-7: Ava Fritts and Jack Jones*

Documentation Team: Ava Fritts, Jack Jones*, Grant Koski

*Jack Jones will be the student team leader

Conflict Resolution: