DeWitt Perry Team 2
0002
Region - Oklahoma

DWP - Team 2 Project Plan

Goals and Tasks for Botball 2019

Games Goals and Tasks
1. Organize parts and build practice board - 1/19/19
   a. Sort robot and lego parts for our team - 1/19/19
   b. Team and parent volunteers will assemble the gameboard in the classroom - 1/19/19
2. Read and effectively interpret game rules - 1/20/19
   a. Understand the scoring system how points are given - 1/20/19
   b. Review rules and requirements for building the robots - 1/20/19
3. Examine the game board to develop scoring strategies - 1/21/19
   a. Use the game board to visualize paths for our robots to take - 1/21/19
   b. Discuss scoring strategies and write out the plan on a blank scoring sheet -1/21/19

Robot Building Goals and Tasks
1. Complete the construction of the Wallaby Demobot and Create Demobot - 1/21/19
   a. Work together to make sure all the pieces are secured in the robot - *Everyday*
   b. Make sure that none of the pieces are misplaced and/or missing - *Everyday*
2. Make a robot that can get as many points as possible - *Everyday*
   a. Make plans to how to get the points - *Everyday*
   b. Test runs and score points of the test runs - *Everyday*
3. Efficiently make sure the robot works in every case - *Everyday*
   a. Test the robot multiple times to make sure it works consistently - *Everyday*
   b. Troubleshoot and fix errors the robot has when it does not make a clear round - *Everyday*

Programming Goals and Tasks
1. Learn the programming software - 1/23/2019
   a. Learn how to connect the Wallaby to the laptops - 1/23/19

        b.   Learn how to start the programming sofwtware after connected- 1/23/19
2. Learn simple movements and commands
        a.   Look at the "cheat sheet" of commands - 1/31/19
        b.   Write pseudo code - 1/31/19
        c.   Convert pseudo code to regular code - 1/31/19
        d.   Run and test the simple programs - 1/31/19
3. Complete Program for LEGO and Create Robots
        a.   Write pseudocode with team - 2/2/19
        b.   Convert pseudocode into code and program - 2/6/19
        c.   Test programming for the LEGO Robot on game board with team - 2/10/19

Documentation Goals and Tasks

1. First Period Documentation Complete - 1/23/19
        a.   As a group, decide the rough draft of the overall schedule for tasks - 1/23/19
        b.   Determine goals and tasks using information gathered from building and programming the robot -
2. Second Period Documentation Complete
        a.   Discuss data from build team for project - 1/25/19
        b.   Discuss data from programming team for project - 1/25/19
3. Third Period Documentation Complete
        a.   Collect information about team evaluation about robot - 1/27/19
        b.   Gather feedback about lessons learned from team members - 1/27/19

Schedule conflicts

1. School Basketball games - Several teammates will be Absent - 1/23/19 and 2/4/19
2. Extra curricular activities / Performances - Several People will not make meetings - Weekends
3. Instrument Sectionals - Several People will not make meetings or will be late - Many different days
4. Religious meetings - Church/Temple/Mass

Team Organization

Schedule of Meeting Times
Regional tournament - March 9, 2019
Meetings-
- Monday and Wednesday - 4:15 pm to 5:45 pm
- Saturdays - 9 am to 1 pm
- Sundays - sometimes from 9 am to 2 pm, sometimes 12 pm to 5 pm

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Division of Labor
Adult Team Leader: David Culp
Student Team Leader(s): Vote not completed at time of documentation done
Robot Building Team for LEGO robot: Shreya Arora, Lucille Tagnon, Amy Truong, Josie Lin
Robot Building Team for Create : Chandini Kumaran, Dharshini Kumaran, Divyaa Subramanian
Programing Team for Create robot: Sisir Datla, Aditya Goyal, Divyaa Subramaniam
Programming Team for Lego robot: Zachary Njenga and Sarina Shah
Documentation Team: Chandini Kumaran, Divyaa Subramanian, Sarina Shah, Lucille Tagnon

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Conflict Resolution
The team has agreed that if disagreements occur, we will handle them in the following ways:
1. Talk about about possible options and resolutions
2. Majority rules voting system
3. Ask teacher for advice on conflict