Dewitt Perry Middle School Team 3 (0003), Oklahoma Region

Goals and Tasks for Botball 2019

Game Goals and Tasks

Game Goals and Tasks	Deadlines
1. Brainstorm how to get points	1/20/19
a. Look at score sheet	1/20/19
b. Make predictions on what points we can get	1/20/19
2. Create game strategy	1/20/19
a. Figure out what order to get game pieces	1/20/19
b. Figure out how to get pieces	1/20/19
3. Review game manual and rules	1/19/19
a. Discuss game rules with team	1/19/19
B. Ensure that robot is following all game rules	1/19/19

Robot Building Goals and Tasks

Robot Building Goals and Tasks	Deadlines
1. Build the base for the Create and Wallaby Robots	1/21/19
a. The Create team works together to follow the directions to building the base	1/21/19

of the create robot.	
b. The Wallaby team works together to follow the directions to build the base of the Wallaby robot.	1/21/19
2. Complete construction of Create Robot	2/10/19
a. Construct scoop	2/10/19
b. Construct claw	2/10/19
c. Construct u-shaped area in front of robot	2/10/19
3. Complete construction of Wallaby Robot	2/10/19
a. Construct upper-level hook mechanism	2/10/19
b. Construct claw	2/10/19

Programming Goals and Tasks

Programming Goals and Tasks	Deadlines
1. Run test program to better understand python	1/21/19
a. Learn how to connect to "W	1/21/19
b. Create a motion library	1/21/19
2. Make a program for "Create" Robot	2/14/19
a. Program the color camera to see the burning signal	2/14/19
b. Make different routes based on which building is burning	2/14/19
3. Make a program for "Wallaby" Robot	2/14/19

| a. Program how to make the arm move | 2/14/19 |
| b. Make a program to grab things | 2/14/19 |

Documentation Goals and Tasks

Documentation Goals and Tasks	Deadlines
1. Finish period 1 documentation	1/21/19
a. Create a documentation group	1/21/19
b. Create goals and tasks for both of our robots and the development of our team.	1/21/19
2. Make period 2 documentation	2/25/19
a. Create GitHub account	2/25/19
b. Create a video on the robot	2/25/19
C. Edit video about the robot	2/25/19
3. Create onsite presentation	3/9/19
a. Find the 2 best presenters	3/9/19
b. Create a script that everyone agrees with	3/9/19

Schedule Conflicts

Schedule Conflicts	Meetings/Dates
Band Sectionals- clarinet team members will be absent	Every Tuesday
Band Sectionals- saxophone team members will be absent	Every Thursday
Religious school, SAT prep class- several team members will be absent	Every Saturday

Band/orchestra Concerts- band/orchestra members	Whenever they are scheduled to happen
Language class, math class- Team members will be late to meeting	Every Sunday

Team Organization

Meeting Times

Tuesday	Thursday	Saturday	Sunday
After School	After School	Afternoon	Afternoon
4:25 P.M.-5:30 P.M.	4:25 P.M.-5:30 P.M.	1:00 P.M.-5:00 P.M.	1:00 P.M.-5:00 P.M.

Division of Labor

Leader	Builder (Create)	Programmer (Create)	Builder (Wallaby)	Programmer (Wallaby)
Varun	Radhiya	Thomas	Adit	Kapil
	Nate	Aneesh	Pranav	Anshul
	Soahum	Venkata	Varun	Alan

Conflict Resolution
1. When an argument arises in our group, one person will start a timer for 3 minutes to ensure that our argument doesn't last for too long.
2. A semi-formal debate will be started in the group that the argument has arised. The sub-team will try to resolve the problem by letting everybody express their opinions but if a solution can not be achieved then the issue will be escalated to be talked about with the entire team.
3. The whole team will take a vote on what the final decision will be. The solution with a higher vote will be the one that is executed.