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
 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 creat	e robot.	
b. The Wallab together to directions to build th Wallaby ro	follow the e base of the	1/21/19
2. Complete construc Create Robot	tion of	2/10/19
a. Construct s	scoop	2/10/19
b. Construct o	elaw	2/10/19
c. Construct u front of rob	n-shaped area in bot	2/10/19
3. Complete construction	of Wallaby Robot	2/10/19
a. Construct u mechanism	ipper-level hook	2/10/19
b. Construct c	elaw	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.M5:30 P.M.	4:25 P.M5:30 P.M.	1:00 P.M5:00 P.M.	1:00 P.M5:00 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.