

Region: Qatar

Period 1 – Project Plan

Team name: Dohasecb.

Team number: 0284.

Goals and Tasks for Botball 2019

Game Goals and Tasks	Deadlines
1. Display game documents:	23/12/2018
<ul style="list-style-type: none">• Have smart board ready to review the documents on the team members.	23/12/2018
<ul style="list-style-type: none">• Study the game rules and scoring sheet in a perfect way.	23/12/2018
2. Broad discussion of strategies:	24/12/2018
<ul style="list-style-type: none">• Members provide team captain with different strategies.	24/12/2018
<ul style="list-style-type: none">• Team captain to select the best strategies and team members to vote on the perfect game strategies.	24/12/2018
3. Construct game board:	27/12/2018
<ul style="list-style-type: none">• Building team to study the PVC list and building document.	25/12/2018
<ul style="list-style-type: none">• Coach to purchase the materials listed by the building team.	26/12/2018
<ul style="list-style-type: none">• Building team and their volunteered parents to construct the game board in the projects room	27/12/2018

Robot Building Goals and Tasks	Deadlines
1. Initial diagram of the CREATE and the LEGO robot:	15/01/2019
<ul style="list-style-type: none">• Draw a 3D diagram for the CREATE that matches the chosen strategy.	13/01/2019
<ul style="list-style-type: none">• Draw a 3D diagram for the LEGO robot that matches	15/01/2019

the chosen strategy.	
2. Finish the CREATE construction:	20/01/2019
• Construct a stable body on the CREATE.	19/01/201
• Construct the upper part based on the needed mechanism.	20/01/2019
3. Finish the LEGO robot construction:	22/01/2019
• Construct the robot chases (robot base).	21/01/2019
• Construct upper part based on the needed mechanism.	22/01/2019
• Fix the needed sensors to the robot chases.	22/01/2019

Programming Goals and Tasks	Deadlines
1. Fix a main program:	27/01/2019
• Program and test the basic movements using the workshop documents help.	24/01/2019
• Program and test each sensor using the workshop documents help.	27/01/2019
2. Complete the CREATE programming:	31/01/2019
• Write pseudo code with Building team.	29/01/2019
• Program the sensors to match the decided mechanism.	30/01/2019
• Test all programming for the CREATE with the attendance of all team members and the coach.	31/01/2019
3. Complete the LEGO robot programming:	04/02/2019
• Write pseudo code with building team.	02/02/2019
• Program the sensors to match the chosen strategy.	03/02/2019
• Test all programming for the LEGO robot with the attendance of all team members and the coach.	04/02/2019

Documentation Goals and Tasks	Deadlines
1. Period 1 documentation submission:	27/12/2018
<ul style="list-style-type: none"> Gather the information from the building and the programming teams. 	24/12/2018
<ul style="list-style-type: none"> Establish all goals and tasks for the competition from the gathered information. 	27/12/2018
2. Period 2 documentation submission:	15/01/2019
<ul style="list-style-type: none"> Gather data from the assembly team for the document tasks. 	13/01/2019
<ul style="list-style-type: none"> Gather data from the programming team for the document tasks. 	15/01/2019
3. Period 3 documentation submission:	24/01/2019
<ul style="list-style-type: none"> Gather all the team members and pass them a survey to fill it. 	22/01/2019
<ul style="list-style-type: none"> Gather the team feedback and lessons learned. 	24/01/2019

Schedule Conflicts	Dates
1. First term exams.	16/12/2018
2. New Year celebration.	01/01/2019
3. School building maintenance.	10/01/2019

Team Organization

Schedule of meeting times



WORKSHOP (not a meeting day) – November 30th & December 1



Tournament Day – February 8th



November

Sat	Sun	Mon	Tue	Wed	Thu	Fri
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

December

Sat	Sun	Mon	Tue	Wed	Thu	Fri
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

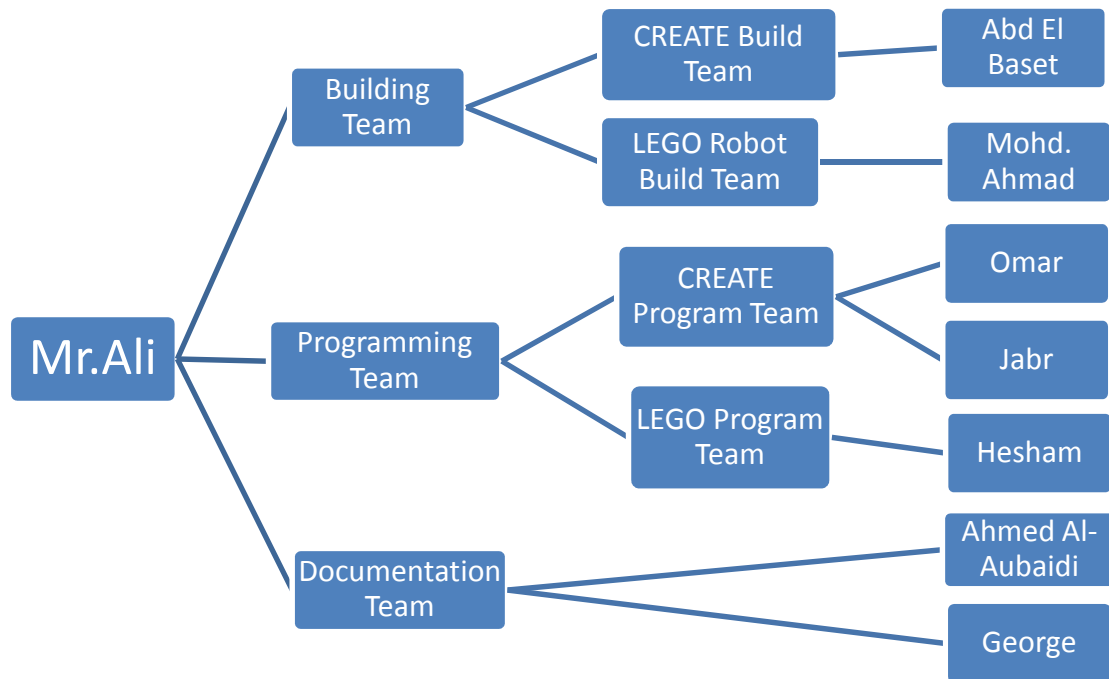
January

Sat	Sun	Mon	Tue	Wed	Thu	Fri
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

February

Sat	Sun	Mon	Tue	Wed	Thu	Fri
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	

Division of Labor



Conflict Resolution

The team members agreed to handle any disagreements or conflicts in the following way:

1. Team members should try to solve their conflict on their own.
2. If they could not find a solution, the conflict will rise to the leader.
3. If the conflict is not solved, it will be sent to the team coach.