ROBO SOCCER

Everyone would have seen humans playing with soccer balls but here we present a soccer game between robots fighting to score a point pushing the balls in their opponents goal posts.

Problem statement :

* The bot can be wired or wireless and should be designed within the specified dimensions that can be operated manually .
* The team with maximum goals at the completion of the match will emerge as the winner.
* A goal is scored when the ball cross first line of the goal.
* After a goal, game will be restarted with a kick-off from the team who received the goal against. Before a kick-off, all damaged or out of-bounds robots are allowed to return to the playing field immediately if they are ready and fully functional.
* The game consists of two teams of robots playing soccer against each other.. The game will consist of two halves. The duration of each half is 5-minutes. There will be 2-minute break in between the halves. The game clock will run for the duration of the halves without stopping.

RULES:

* A team can have a maximum of 6 Members.
* Dimension should not exceed 25x25x25cm(approx).
* The bot may be wired or wireless depending upon your convenience.
* The run timer will start as soon as the referee whistles and the game restarts as soon as the ball enters the goal and the bots should be placed back at their original position.
* Each point will be awarded to the team who manages to hit the ball inside their opponents goal posts and the team with maximum number of goals in the given time will be declared as the winner of the match.
* **Code of conduct** :
* Robots that cause deliberate interference with other robots or damage to the field will be disqualified.
* Humans that cause deliberate interference with robots or damage to the field will be disqualified.
* It is expected that the aim of all teams is to play a fair and clean game.
* Participants who misbehave may be asked to leave the competition area and risk being disqualified from the contest.

Organisers :

BANSAL KUMAR (9631650805)

AMAN DEEP (7568932715)

PRATEEK GUPTA (9455931749)

SUJIT JUSTINE BARWA (7978909310)