



SOCCER MANIA

FIRST GLANCE

- A match will held between two teams
- Each team will bring one bot
- Match time will be 4 minutes with extra 1 minute break time. Team can only touch the bot during break time
- Opponent team will be selected by lottery
- Team must follow all the rules and regulations of the Rulebook

TEAM

- Each team will consist of maximum 3 members
- Team members must be undergraduate students and team members from other universities are not allowed
- Maximum two members can enter the certain arena during gameplay

BOT SPECIFICATIONS

- Max Length : 30 cm , Max Width : 25 cm , Max Height: 20 cm
- Weight must not exceed to 2 KG
- Bot should be wireless or semi-autonomous
- Bot must have an on-board power supply not more than 24 volts.
- Bracket Can be used but it must be open type bracket and must not enclose the ball
- Max Bracket Length : 10cm , Max Bracket Width : 08 cm
- Using any kind of weapon is not allowed

COMMUNICATION METHOD

- Bot may use radio frequency , WiFi or Bluetooth module
- Using any kind of jamming device is strictly prohibited
- Joystick , wireless gamepad , Mobile or any kind of wireless device is allowed to control the bot manually

BALL SPECIFICATION

- Round Shape
- Weight not more than 200 grams
- Max diameter 4 inch



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ARENA

- **Arena Length : 10 Feet, Width : 6 Feet**
- **Goal bar Length : 5 inch , Width : 10 inch , Height : 5 inch**

GAMEPLAY

- **Fighting will be counted as penalties while ball is not there**
- **Any kind of damaging arena will disqualified a team**
- **A team can not touch the bot during gameplay without taking restart**
- **A team can take max 3 restart in a single game. Can not change or modify code during a gameplay even if it takes restart**

PENALTY

- **Penalty have to be taken from half-line of the field**
- **Bar will be open while taking penalty**
- **Bot crossing the line will miss the penalty chance**

DEMO SCORING

Score = (Number of goals * 100) – (Number of Penalties*30) – (Number of restarts*30)

Authority will take proper step on showing disrespect to opponents and for any misconduct. Authority keeps the power to terminate any team on that case.