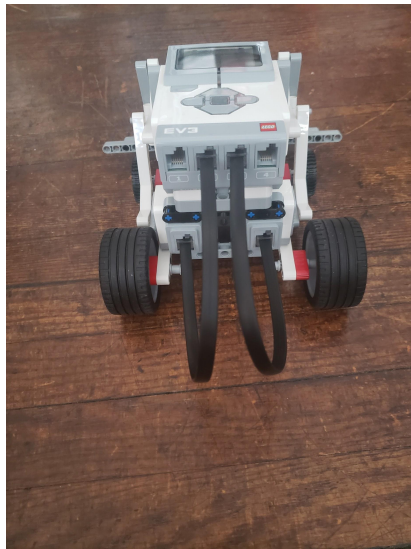
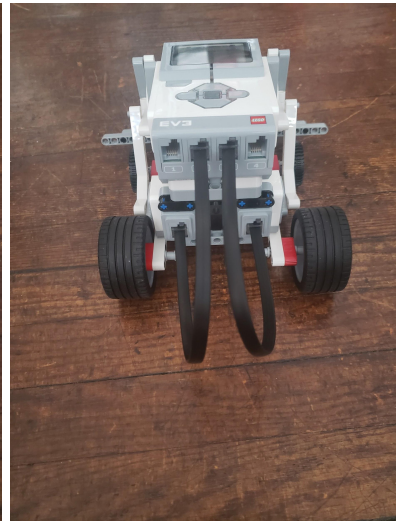


Rainier Jorge Jorda

Robotics Scenario 3 - Soccer

Images of the Soccer Bot:



What are the roles of your soccer player for your team?

The role that this soccer bot will play is most likely being a defender.

What were some of your design concerns?

Some design concern would be:

- if the bot was durable enough to handle any kinds of bump caused by other players
- if the wheels of the bot was strong enough to handle moving this bot
- if the front-side of the bot has enough strength to move the soccer ball and hopefully maybe even move other player bots

A description explaining (at least three features) of your design. What are features of your design that will allow it to win?

Three features that allow my bot to win are

- The massive ram in front of my bot allows me to not only easily pick up or move the ball, but will also allow us to pick up the wheels of my opponent's bot and move them away from the ball.
- The other feature is its size. The size of the car is pretty big, thus allowing us to have a large area in hitting the ball back and away from the goal post.
- The last feature is it being a four wheeler. The bot being a four wheeler allows us to have more control over the bot and thus, more easily defend and maybe even set up a pass for a score.

Are there any possible weaknesses?

Some possible weaknesses that this car might have is

- The miss-matched of wheels. These miss-matched might cause the bot some problems in driving around and maybe even turning.
- The side of the bot. The side of the bot especially near the front-left and front-right of the bot is especially vulnerable. If any opponent bot gets stuck there, then maybe my bot ram might fall apart, due to that side being the most vulnerable part of the bot.
- One of the last visible weaknesses it has is its back side. It's back side is where the bot is controller and move and if an opponent bot actually gets stuck and takes the wire out, then it may be possible in going out of commission.