

FINAL UPDATE

After about a dozen hours (literally) spent trying to make this project work, I could not do it.

There are 2 ways I tried to make it work:

1. As originally planned, through a Gesture Control Device that would instruct the robotic car how to move.
2. Through a Smartphone bluetooth app, that would connect to a bluetooth device built in the robotic car, and it would control its movement through the app's buttons / IDE.

The reason for the failures is very simple. I did not buy the right Arduino shield at the time. Because of this, I had to rely on a complex and confusing motor driver sketch. For some reason, the motors would not respond when I gave the car instructions through the two ways.

Regardless of the project not resulting in success, I am not totally disappointed. The skills and information I learned while trying to find ways to improvise and make the robotic car work are invaluable. I learned how to research, how to assemble different components in different ways, and how to solder, among other things.