

Prototype Remote Control Car

Making a remote control car using wifi.

Description

Our idea was to use WiFi so that someone could control the car from their phone. In our prototype, we decided to get the basic components such as the motors working before the WiFi. We wanted to 3D print the car instead of using cardboard and implement a proper steering system. Many revisions were made to come up with the final result such as deciding how to remote control. We tried different solutions: Bluetooth (short range wireless), Radio Frequency, Infrared (light invisible to humans, used in remote controls).

What went wrong

We had many problems creating this car, main revolving around power issues (batteries dying or not giving enough power) and complications with choosing the remote component.

Final product

We used our previous and new knowledge to create this prototype car. We will complete the car in the next assessment, using what we learned from this project. Knowing how to avoid the mistakes we made and better understanding to help fix them will help hugely in creating the complete car.

