Gesture Control Robocar

CSEL-395 Internet of Things
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Apparatus

- Arduino UNO
- DC Motors
- L298N Motor Driver Module (H - Bridge)
- Bluetooth Module HC - 05
- Mobile Application - Arduino BlueControl
- Jumping Wires

Description

- 12V is given to H - Bridge.
- H-bridge is passing 5V to Arduino UNO.
- Programmable Code is running in Arduino UNO.
- 4 pins of Arduino are connected with H - Bridge for controlling DC Motors.
- DC motors are directly connected to H - Bridge.
- Using Arduino BlueControl, when we tilt the mobile in forward direction, the car moves forward and similarly, in other three directions.
- Car moves in the direction in which the mobile is being tilted.

Source Code

- [GitHub - Gesture Control Robocar](#)

Demo

- [Youtube - Gesture Control Robocar (6:50 - 7:22)](#)