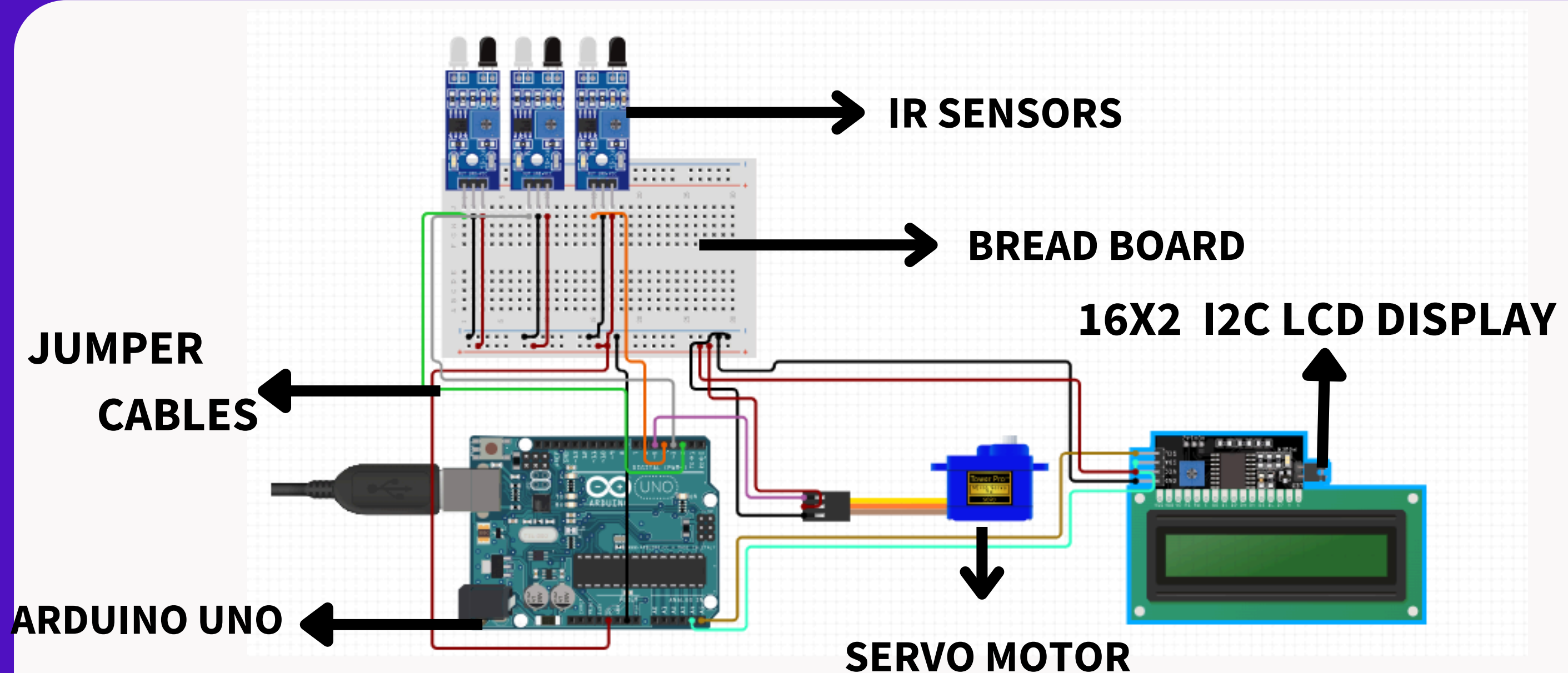


This project demonstrates a smart parking system. The system detects available parking slots, automates gate control, and provides real-time parking status on the display. In urban areas where parking space is limited, managing available parking slots becomes crucial. So this smart parking system offers a modern solution to this challenge using IoT Technology.



## CIRCUIT DIAGRAM

### COMPONENTS USED

- Arduino UNO
- Breadboard
- 4 IR Sensors
- 16x2 I2C LCD Display
- Servo Motor
- Jumper Wires
- Arduino USB Cable

### APPLICATIONS

- Residential Parking
- Shopping Malls
- Cities
- Airports
- Event Venues
- Corporate Office Building

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