MD
RUFSANJANI
SHANTO

221-35-1064

MD MAHFUZ
RAHMAN
NIROB

221-35-981

PIJUS
CHANDRO
ROY

221-35-1050

MD ASHIK
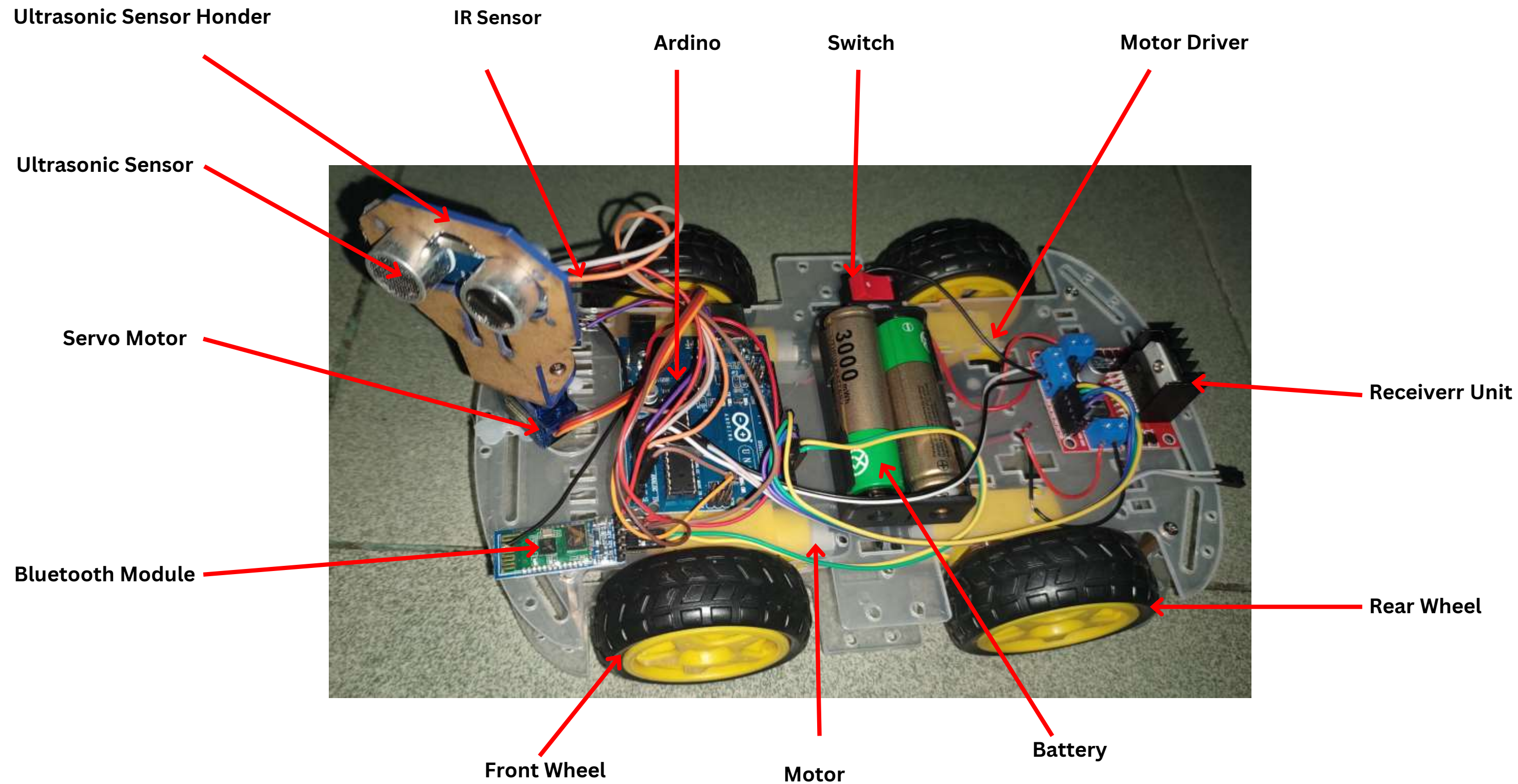IQUBAL

221-35-1039

Team
Everyone

Tittle :- Multifunctional Robotics Car

Ultrasonic Sensor Honder

IR Sensor

Ardino

Switch

Motor Driver

Ultrasonic Sensor

Servo Motor

Receiverr Unit

Bluetooth Module

Rear Wheel

Front Wheel

Motor

Battery

Why we're making this project:

- Hands-On Learning Experience
- Integration of Diverse Functionalities
- Real-World Applications
- Engagement and Inspiration
- Mathematics) fields and robotics
- Innovation in Education
- Community Building
- Showcasing Arduino Uno Capabilities

Future Improvements:

- Computer Vision Integration
- Machine Learning for Adaptive Behavior
- Gesture and Voice Control
- Autonomous Exploration Mode
- Wireless Sensor Networks
- Mechanical Redesign for Modular Upgrades
- Localization and Mapping
- Integration with IoT Platforms
- Educational Curriculum Development