



Report on Control Components Mobi-Car Project

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Phase 1

- Phase 1 Components Acquisition
- Mobile App and Bluetooth Module Implementation, Coding and Documentation
- Ultrasonic Sensor and Collision Avoidance Module Implementation, Coding and Documentation
- Servo Motor Module Implementation, Coding and Documentation
- Batteries and Motor Driver Module Implementation, Coding and Documentation
- Google Sites Development and Demo Videos

Phase 2

- Phase 2 Components Acquisition
- Line Tracker Module Implementation, Coding and Documentation
- Report

Components List:

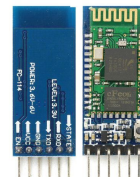
→ Arduino Arduino Mega 2560 Rev3 Board



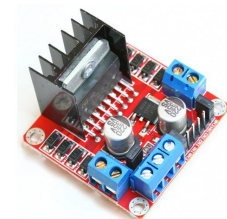
→ 4WD Complete Mini Plastic Robot Chassis Kit



→ Bluetooth Module HC-05



→ L298 Dual H-bridge Motor Driver



→ Ultrasonic Sensor & Distance Measurement Module HC-SR04



→ Ultrasonic Sensor Mounting Bracket Holder for HC-SR04



→ Servo Motor



→ LEDs and Buzzer



→ Line Follower Sensor X3 – Digital



→ X3 Lithium Rechargeable Battery 18650 / 4800mAh 3.7V



→ X2 A0 Papers with required track

