

1. Project title/name

Bluetooth RC Car

2. List Team Members

John Christianson

Anthony Barnes

Chanphone Visathip

Phuc Hoang

3. A brief summary of your intended project

We intend to use an Arduino UNO to build a toy car that can be remote-controlled via a Bluetooth connection using a smartphone app.

4. Changes

None

5. Timeline of tasks/assignments

a. Meet by 06/10 to design a car and discuss supplies we need and how we are obtaining them. - Done

b. Obtain all necessary supplies by 06/17 and begin implementing the car. - Done

c. Complete a functional prototype car by 07/01.

d. Identify potential improvements to the car by 07/08.

e. Implement improvements and put the final touches on the project in time for the due date of 07/29.

6. List # and type of microprocessors to be used

1 Arduino UNO microprocessor

7. List additional equipment needed

Jumper wires

Dual H-ridge motor drivers

Micro-motors

Wheels

Li-Ion battery 1000mAh

LED

HC-05 Bluetooth module