**List of all the I/O needed for your project.**

* int enableRightMotor = 27; // ENA
* int rightMotorPin1   = 14; // IN1
* int rightMotorPin2   = 33; // IN2
* int enableLeftMotor = 32; // ENB
* int leftMotorPin1   = 12; // IN3
* int leftMotorPin2   = 13; // IN4
* int leftMostIR = 39; //A1
* int leftIR = 34; // A2
* int rightIR = 36; // A3
* int rightMostIR = 4; //A4

**List of all the commands you anticipate for your project.**

* ON OFF Button – ‘S’ & ‘T’
* Check mode of operation – ‘A’&’M’
* Change Motor Speed – ‘1’-‘9’
* Read IR Sensors
* Forward Motor - 'U'
* Backward Motor - 'D'
* Left Turn – ‘L’
* Right Turn – ‘R’

**For each of the Task, please include the names of your group members that worked on each task.**

* Task spread evenly and worked on together
* Shobbit – Hardware
* Electronics – Charles
* Ines and Victor - Software