

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