



College of Engineering – Department of Electronics Engineering

Algorithm:

1. Set up IRemote, Ultrasonic ,Motors
 2. Declaration of pins of (IR = 7,dir1 = 2, dir2 = 4, dir3 = 8, dir4 = 12, speed 1 = 3, speed 2 = 9)
 3. Initialization of the values of (MOTSpeed1 = 255, MOTSpeed2 = 0, MOTSpeed3 =255)
 4. Check for IR Commands:
 - If Ok Button : Motor Stops
 - If Arrow Up : Forward;
 - If Arrow Down : Reverse;
 - If Right Arrow : Turn Right;
 - If Left Arrow : Turn Left;
- Otherwise, Loop the Process of IR Commands.

