



Inspiring Excellence

Project Idea of CSE461

Submitted By:

Group 4

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Project Title: Obstacle Detection System

Components:

1. Raspberry-pi
2. Breadboard and jumper wires
3. Servo Motor
4. Ultrasonic Sensor

Description: Servo motor will rotate according to the result of distance given by the Ultrasonic sensor. For example if the distance is from 30 to 40 the servo motor will rotate 120 degrees. If it is more than 40 then it will rotate 60 degrees. This is how there can be other specifications also which can indicate the obstacle distance by watching the position of the servo motor. A scenario can be, a machine can go in a particular direction according to the distance and rotation of the servo motor.