

FOOD SERVING ROBOT USING VOICE CONTROL WITH OBSTACLE AVODING

* OBJECTIVE:

The design and development of a waiter Robot which is considered as a possible solution to human automation. The Waiter - robot technology will replace manual work. In cafes, restaurants, hotels, and lodges, many individuals face a lot of problems due to abundant peak hours, the inconvenience of work, and due to manual order processing these imperfections can be handled by using an electronic automation system called “Waiter Robot” are used for ordering food, beverages, cleaning tables etc. The order from menu bar via kitchen is broadcasted on the wireless network.

* FEATURES:
* Voice control:
* Voice recognition: Accurately interprets spoken commands from staff.
* Obstacle avoidance:
* Sensor:ultrasonic sensor
* When obstacle come in front of the robot then it detect and it moves backward.
* ADVANTAGES:
* Provide speedier customer service with robots.
* Cut down on labor costs with a smaller workforce.
* They have higher flexibility in working.
* They have minimized the load and work pressure of people.

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| * APPLICATIONS: * Restaurants and cafes * Hotels and room service * Hospitals and healthcare facilities * Airports and transportation hubs * TEAM MEMBERS:  1. M.SAI NARMADA 2. S.SURYA RAMYA SRI 3. S.VIJAYA MEENAKSHI 4. K.SAI DURGA VIVEK 5. S.KRISHNA MANOHAR 6. P.DEVIS |  |