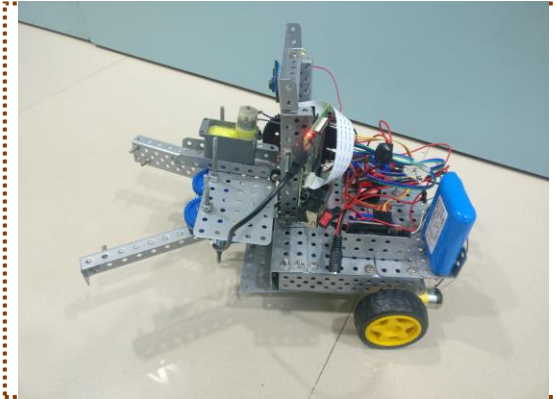
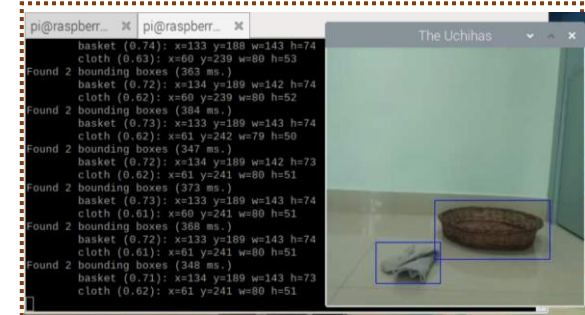


The Uchihas (India, Mumbai)



High Spot of Robot Performance

The robot makes use of a machine learning algorithm to identify the objects lying on floor. The algorithm is highly adaptable and extendable to any house hold objects. The robot navigates itself to the identified object with the help of an algorithm and sensor with no manual intervention. The robot picks up the object through gear operated arms for firm and smooth grip and navigates itself to drop the object in required location.



Team Introduction

Problem Presentation: The robot hopes to help old people with backaches and makes sure that they don't hurt their backs more. The robot can also help single mothers or those who work continuously and are busy and have no time for household chores.

Solution: A machine learning algorithm classifies the object in its view. After the algorithm successfully determines the material, the robot grabs the cloth and the algorithm then determines where to drop the clothes.

- ★ 1 Atharva Wasekar
- 2 Rugved Joshi
- 3 Sachi Medhi
- 4 Khushi Surve
- 5 Jai Maini

