



SENIOR DESIGN: 'HOM-MAID: A FLOOR CLEANER'

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To all women who have been sexually abused in recent past.

Abstract

Robots that are built to do households, becoming smarter and more automated. Home automation delivers convenience and creates more time for people. Domestic robots are entering the homes and people's daily lives, but it is yet a relatively new and immature market. However, a growth is predicted and the adoption of domestic robots is evolving. Several robotic vacuum with floor cleaners are available on the market but only few ones implement wet cleaning of floors & mosquito away feature is new in this segment. The purpose of this project is to design and implement a Disinfecting Floor Cleaning and Mosquito away Robot Autonomous. This Robot is designed to make cleaning process easier rather than using manual cleaning process. The main objective of this project is to design and implement a vacuum robot prototype with various feature by using Arduino, Motor Driver Shield L293D, Ultrasonic Sensor and Ultrasonic Transducer and to achieve the goal of this project. This Robot will have several criteria that are user-friendly.

Acknowledge

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