ABSTRACT

Households of today are 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 cleaners are available on the market but only few ones implement wet cleaning of floors.

The purpose of this project is to design and implement a Vacuum Robot using Artificial Intelligence i.e. Voice recognition.

Subject robot operates in autonomous mode as well as in manual mode along with additional features like scheduling for specific time and bagless dirt container with auto-dirt disposal mechanism. This work can be very useful in improving life style of mankind.

Vacuum Cleaner Robot is designed to make cleaning process become easier rather than by using manual vacuum. Vacuum Robot will have several criteria that are user-friendly.

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