ABSTRACT

This project is aimed to developing a health care robot using artificial intelligence. The entire project is developed keeping in the view of medicating the patients. The robot delivers medicine to the patients according to particular disease in regular time intervals. With this robot the healthcare workers can medicate the patients without any direct contact with them.

The information of the patients is stored in a protective database. The robot is a self-controlled model which can also be controlled using a self-designed application. This locomotion of the robot works on the basis of lane detection by using IR sensors. The application can be used for creating, deleting and manipulating the data of the patients in the database. The robot is modelled using Arduino, motors and other IOT sensors. Arduino IDE was used to implement the controls of the hardware system.

ARCHITECTURE DIAGRAM