

Initial Documentation

Embedded And Beyond

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1 Team members

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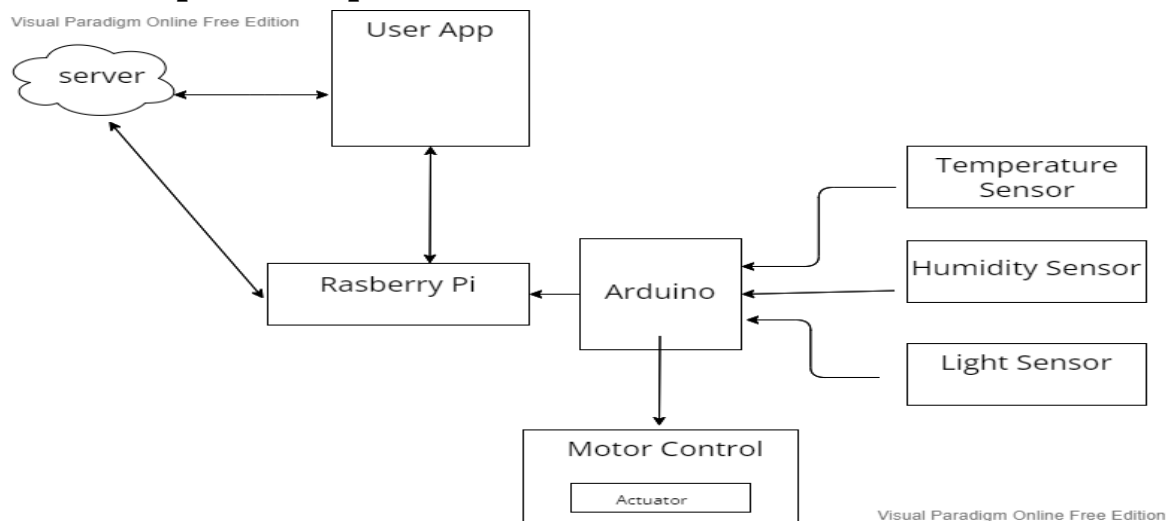
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2 Introduction

Our project is about a Smart Pot which could help the users to grow indoor plants with the help of IoT technologies. The main motivation is to minimize Users' efforts in maintaining the health of the plants.

3 Concept description



The Smart Pot will monitor

- Temperature
- Humidity
- Sunlight

Hardware Used in our Smart Pot

- Raspberry Pi
- Arduino
- DC Motor
- Light Sensor
- Humidity Sensor
- Temperature Sensor

Application:

The User will let the smart pot know what he want to plant and the Pot will get the data such as temperature, humidity, and sunlight required by the plant for optimum growth. This variable will then be monitored.

