

SYNOPSIS OF THE PROJECT

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Shared folder/git repository details	http://github.com/amitha44076@gmail.com/project
Project Title	Cloud based Smart pantry system using IOT
Description of Project: This system provides IoT-based Smart Pantry level monitoring using the Internet of things. The containers are fitted with sensors. These are used to gather data about the stock level of items in the container. This data is collected and stored in the cloud. The data is continuously updated. The information includes the changes of weight in regular intervals of time. This system enables a user to view the level of items in a container from any place. The system alerts the user if the container's level goes below minimum weight. It also sends the message to the shopkeeper to place the order of a particular item. This system consists of a Force Sensitive Resistor, Arduino, Wi-Fi module and cloud. The Force Sensitive resistor is fitted to each container. Then the Force Sensitive Resistors are connected to the Arduino. WIFI module is connected to the Arduino. The sensors collect data and the data is sent to the cloud and stored. This data can be viewed using PC or mobilephone.	
Front end and Backend Tools	Cloud, embedded c