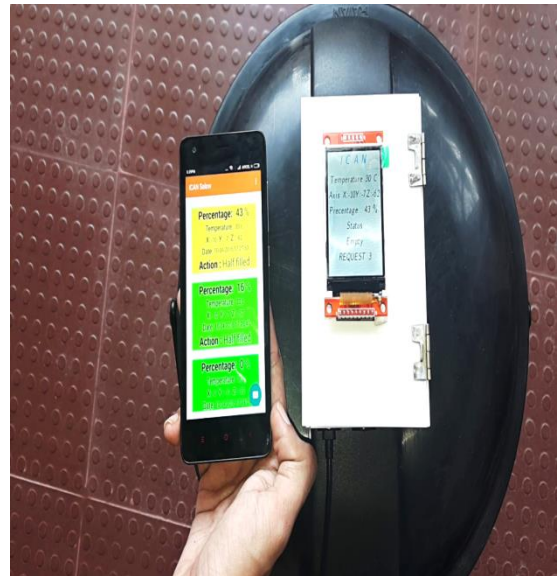
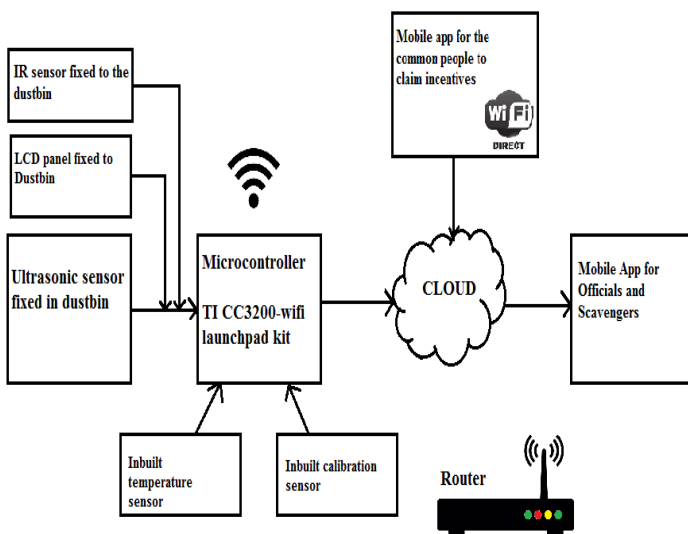


I CAN- An Intelligent Trash Can

In India as we all know that the waste management is a big issue and we are poor in the waste management undoubtedly since we lack proper management techniques and people's disciplined cooperation. These two deficiencies make us to lack cleanliness and lag in waste management. By improving these two deficiencies we can make our country clean.

This project aims at providing a best solution for the above problem to makes a cleaner India. It is an Intelligent Trash Can that is based on IOT and Cloud Computing.

Block Diagram



- ✓ The ultrasonic sensor senses the volume of garbage in the trash bin and sends the volume of garbage in the form of percentage to the cloud where the data are stored.
- ✓ The Stored data are then pulled to a android application. This application is in the mobiles of all officers and scavenger.
- ✓ Based on the percentage, the application also provides the action to be performed by the scavengers.
- ✓ They can neglect the routes in which the trash bin is still empty, efficient emptying of trash bins.

Filed with Intellectual Property Rights-2016