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## Abstract

In conventional or standard refrigerator there is no system of automatically monitoring the materials or food items and also it will not replace immediately. An intelligent refrigerator is one which possesses self monitoring capability of food item or material with minimal or no human intervention. Such a product should have the capability of automatically detecting and alerting the consumer of the need to restock or replenish dwindling supplies. In our system the refrigerator automatically keeps the track of the amount of empty space, and therefore indirectly

the amount of items in refrigerator compartments. The system will automatically inform the owner about the status of the refrigerator through short message service (SMS) and also shop owner through the fast Ethernet network. The system also has LCD display screen and buzzer on the door of the refrigerator. LCD display screen displays the message when the items are over and at the same time buzzer is on, which indicates to home members about the stock of the refrigerator

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### Index Terms

Computer Science

Wireless

### Key words

EAD

SMS

LCD