

ABSTRACT

The Grocery Cart Price Monitoring and Inquiry System is an aid that is made for the grocery shoppers by means of modifying a push cart. The purpose of this study was to monitor the grocery items for the customers using an inquiry to know its price and aisle location. The research project provided improved system at local stores in the Philippines.

Each push carts has Liquid-Crystal Display (LCD) which is controlled by a microprocessor, and Bar Code Scanner so customers can scan grocery items on their own push carts. The price will be displayed on the LCD as well as the summation of all the prices inside the push cart once the barcode of the item is scanned. Moreover, shown on the display is the list of all the items along with its price inside the grocery store per aisle. Added feature of the system would be commercial advertisements to endorse a certain product shown also on the LCD.