AUTOMATIC SHOPPING CART
(SUMMARY)

SCOPE:

A Shopping Cart that should be possible conceivable by essentially interfacing RFID marks to the things and Display with an LCD in the obtaining Cart. From this customer can add/remove product and can also get information identified with expense of every thing which are inside Cart and moreover supreme expense of the thing about the item. This system will spare time and work required for of customers & labor. the system has anti theft alarm at the exit with RFID Card Reader with Buzzer.

FEATURES:

Anti-theft Alarm(Ideal Case). Interactive LCD. Interactive LCD with Hardware Box designed to be fit in the Carts(Trolley), Automated Billing System. Individuals items description through LCD and RFID. Add /Remove Product in the Cart. Remove Button to Remove Item from Cart. Reset Button to Reset Cart. Item name and cost will be displayed on LCD. The total bill amount displayed in the Cart. Search products through Product ID, The bill generated in the system through bill ID which is unique and will be customer ID through which customers can get how much shopping was done last time. The RFID label Can be read and rewritten. Time Diminishing. The solution is people who come up with a fixed budget, the amount will be displayed in the Cart. Labor intensive reduced from automated processes.

GOALS:

To Develop an efficient Smart Shopping Cart. To Smartly reduce the Long queues at billing in super marts. To automate manual shopping process in super marts.

OBJECTIVES:

Facilitate human. Reduce human effort and incentives. Automate a process that is manual since ever.

GOALS ACCOMPLISHED:

Anti-theft Alarm. Interactive LCD with Hardware Box designed to be fit in the Carts(Trolley), Automated Billing System. Individuals items description through LCD and RFID. Add /Remove Product in the Cart. Remove Button to Remove Item from Cart. Reset Button to Reset Cart. Item name and cost will be displayed on LCD.Search

products through Product ID, The bill generated in the system through bill ID which is unique and will be customer ID through which customers can get how much shopping was done last time The total bill amount displayed in the Cart.The solution is people who come up with a fixed budget since we came up with the solution and to implement with multiple cash counter we will need another hardware and time it can be implemented but it will take time but for now its working in idea scenarios and cases and can be improved in the future with modern technologies. The idea can be implemented in supermarts but it will take time to adopt new technology and system from our experiences.

Group Members :
AHMED ALI RAZA(9718)
BILAL AHMED(14444)
HAMZA ARIF(14446)

SUPERVISOR SIGNATURE:

Date: