

# **SMART SHOPPING AID**

**A PROJECT REPORT**

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# ABSTRACT

In our day to day life, shopping is inevitable. A large crowd is found gathered in the supermarkets during holidays or peak hours. It becomes difficult for the customers to locate a particular product in a huge supermarket. Also the customer finds it difficult to remember all the required items to be purchased. As the crowd increases the queues get longer and a lot of time is spent when the customer finishes the shopping.

The main scope of the project is search facility, recipe recommendation, running total value and pricing information, fast and easy checkout procedure by generating the bill and automatic movement of the cart. The basic system underlying this project is RFID (radio frequency identification). It is able to store and recall crucial product information such as price, batch number, net weight etc. It uses Visual Basic.net for the displaying purposes and SQL server for storing the databases.