Acknowledgement:

Abstract:

Chapter 1: Introduction

The project is on supermarket management system which is the web-based project. It is easy to manage mini markets as the customers entering the details such as the item in the inventory is too less. Human resource deployment and paper works can even manage effectively to the mini-market but no for the case with big-markets. Supermarket is the place where customers come to purchase their daily using products and pay for that. So there is need to calculate how many products are sold and need to generate the bill for their customers.

Section 1.1: Overview

Section 1.2: Problem statement

The existing system facing the problems in shopping because it was paper based in small and medium supermarkets. Though it is paper work and less manpower, the existing system was not very economical for the market. All kinds of information are stored such as relevant and irrelevant information in the same place. Which make the process very untidy and clumsy? In case of big supermarkets, the system is some extend computerized but it is not fully automation to cover all the aspects. The data entry, storing and retrieval are very inefficient. There are chances of misplacement and irrelevant information entered. The system is still insecure and not flexible to adapt to user requirements. It was difficult to generate report and the system was not user-friendly.

Section 1.3: Features

* + **Login by admin and User.**
    - There is login feature which will allow admin to access the system and provides a unique email and password for each users which they can login.
  + **Add product category**
    - We can add different types of product category to our stock on the basis of customer requirements.
  + **Display product**
    - Admin can display all the products for the customers.
  + **Modify product category**
    - Update the product category in case wrong input is done.
  + **Delete product**
    - Product can be deleted if incase product is expired or something gone wrong.
  + **Navigation** 
    - Navigation allows admin and customers to navigate around the interface.
  + **Create and print bill**
    - Automatic bill is created once customer buys the product and check out from the supermarket. Created bill can be printed.
  + **Search engine**
    - It allows searchers to find a product, with search results featuring product information, Rate and description.

Section 1.4: Aim

* To manage inventories from the system.
* To generate bill for customers.
* To make management system automated.
* Paper work can be reduced by implementing this system.

Section 1.5: Objectives

* To always is the first choice of customers.
* To manage the supermarket activities.
* To maintain the records of the sales done.
* To maintain the stock details.
* To reduce paper work; so that users can spend more time on monitoring their requirements.
* To reduce time in calculation of sales activities.
* To store huge amount of data in the database this will reduce clumsiness.

Chapter 2: Analysis