



SVKM'S

NMIMS

Deemed to be UNIVERSITY

Project Report

3rd Sem [2022-23]

Supermarket Management System

Introduction

A supermarket is a one-stop destination for all the daily needs ranging from cosmetics to food to products needed for daily chores. This database management project focuses on management system of a supermarket. It contains information regarding the stock, staff and the customers of the supermarket.

Entities of the project

- **Staff:** It contains the details of all the employees working in that supermarket.
- **Products:** It has complete list of the products being traded in the market.
- **Suppliers:** This provides details of all the suppliers of those products.
- **Storage:** It consists of the storage details of these products. Quantity and orders placed in past one month for those products.
- **Warehouse:** It has the details of all the warehouses where the products are stocked and the remaining capacity of those warehouses.
- **Customers:** It stores the records of all the customers of the supermarket.
- **Orders:** It records all the orders placed by the customers.
- **Transactions:** It stores all the records of transactions made between customers and the supermarket.
- **Grievances:** This stores the details of all the complaints by the customers and cancelled or returned orders to the supermarket.

> The above entities have respective attributes as shown in the E-R Diagram.

E-R DIAGRAM

