A Progress Report

on

SUPER STORE MANAGEMENT SYSTEM

carried out as part of the
RDBMS (RELATIONAL DATABASE MANAGEMENT SYSTEM) LAB (IT2232)

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Bachelor of Technology

In

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CERTIFICATE

This is to certify that the mini project work entitled

"**Super Store Management**" is a bonafide work carried out by **UMANG (209302383) and MAHI JAIN (209302039)** in partial fulfilment of the requirements for the bachelor's degree in Information Technology of the **MANIPAL UNIVERSITY, JAIPUR** during the academic year of 2021-2022

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ACKNOWLEDGEMENT

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HOD DR. PANKAJ VYAS

who gave us the golden opportunity to do this wonderful project on the topic "SUPERSTORE MANAGEMENT SYSTEM" which also helped us in doing a lot of Research and we came to know about so many new things we are thankful to them.

We are also thankful to all the other faculty, teaching, and non-teaching staff members of our department for their kind co-operation and help.

Lastly, we would also like to thank our parents and friends who helped us a lot in finishing this project within the limited time. We are making this project not only for marks but to also increase our knowledge. This mini project is dedicated to our beloved parents

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ABSTRACT

This project is aimed at developing a desktop-based application named **Super Store Management System** to facilitate small and medium scale Superstores and Shops to automate its operations of keeping records of sales and stocks and store Super Store Management System in form of a large and user-friendly database for facilitating easy access to SUPER STORE PROJECT personnel. They require a software, which will store data of items, stock report, sales report etc & all transactions that occur in a Super Store with graphical user interface (GUI).

CHAPTER -01

INTRODUCTION

1.1) Problem Statement:

Super store is an Indian retail store that operates as a chain of hypermarkets. It is one of the oldest and largest hypermarket chain of India, housing about 150+ stores over 60 cities and towns of the country. It has wide range of categories such as Groceries, Clothing & Fashion, Furniture, Electronics, Office Supplies, Cosmetics, Kitchen & Dining utilities, and many more and most of them require consolidated reports and analysis to scale up their business and to keep track of their stocks and track payments to their suppliers , also if they have multiple branches (in case of middle scale business) they need a centralized system to have a look at all the sales and reports of the branches from one location and when it comes to small business of supermarkets they can't afford to have their own personal management as they are very costly.

1.2) Objectives:

- Maintains the details of Sales by Store/Region/State
- Profits/Sales Analytics
- Details of Store i.e., No's, Region, Address
- List of orders which have not been Delivered
- List of payment paid or pending to the Distributors
- Profit calculation by date/month/season
- Maintains the details of product stock.
- Track Shipment of a Store Order
- The stock that is to buy if quantity goes less than a particular amount and Profit calculation for a month.

1.3) Scope of Project:

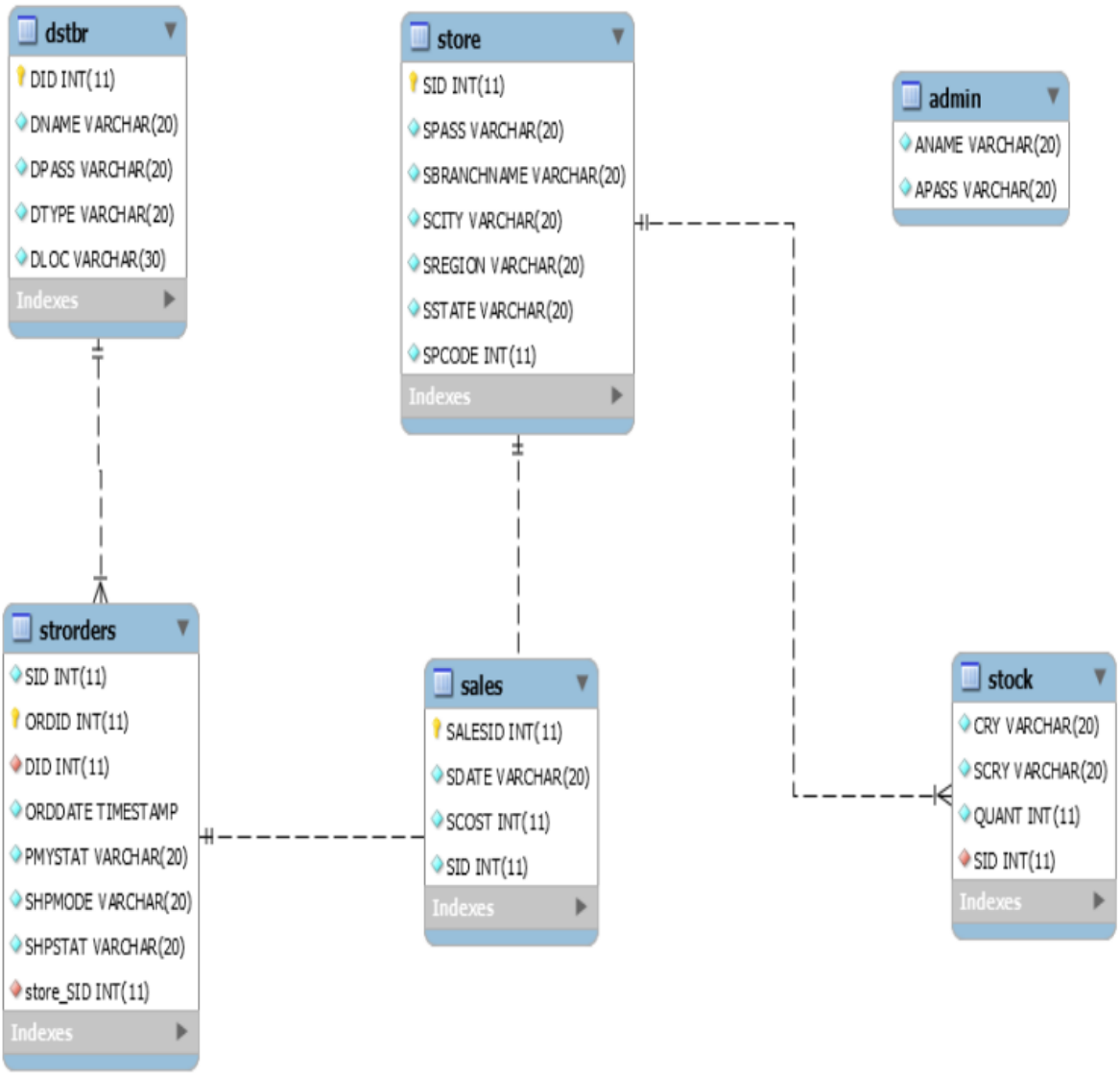
- Sales Management
- Revenue Analytics
- Inventory Management
- Shipment Management
- Category Wise Analytics
- Advanced Record Searching
- Advance Reports

CHAPTER -02

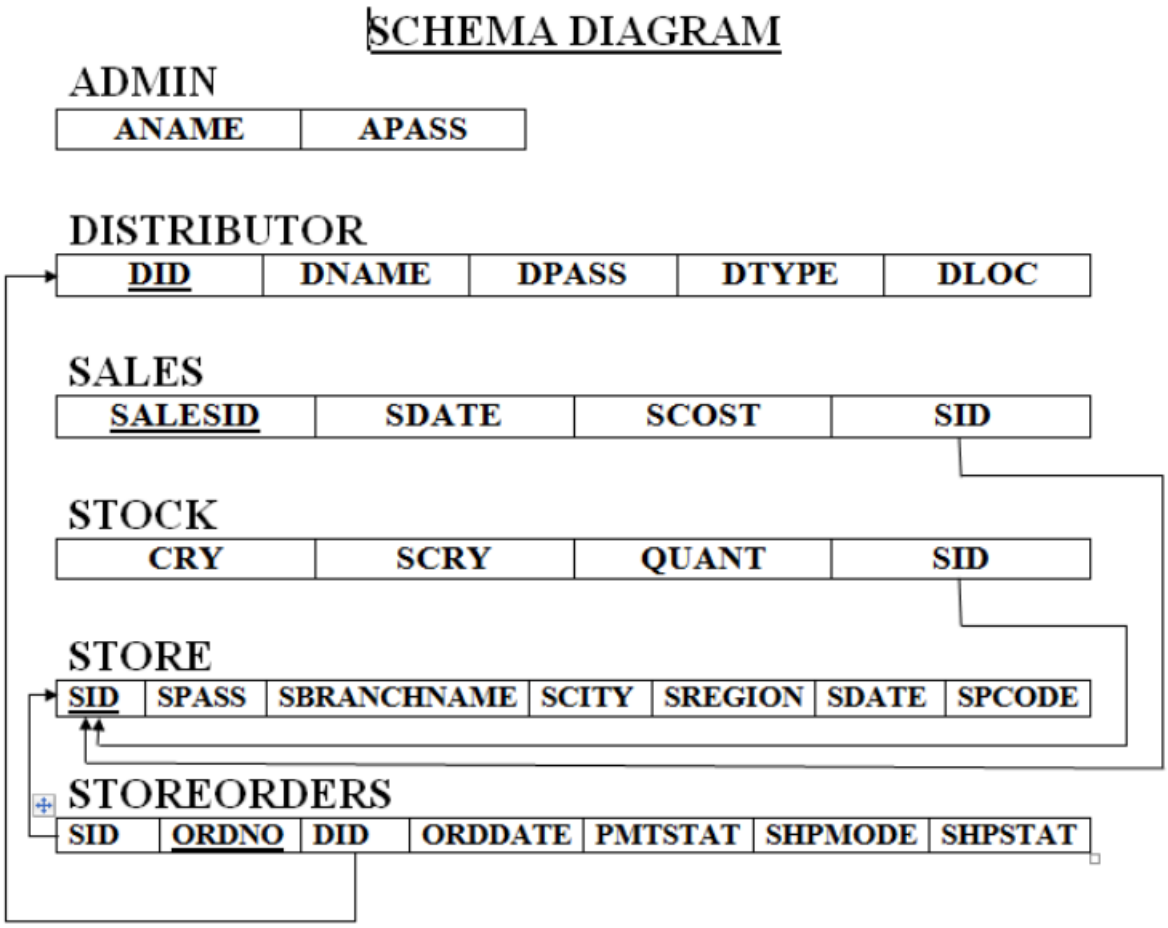
SYSTEM DESIGN & METHODOLOGY

2.1) System Architecture:

2.1.1) Conceptual Database Design (E-R Diagram)



2.1.2) Logical Database Design (ER Mapping)



- The entities are represented as tables.
- The tables contain the attributes.
- The attributes which are underlined are referred as primary keys.

2.2) Development Environment

2.2.1) SOFTWARE REQUIREMENTS

- Fronted: HTML, CSS, Boot Strap
- Backend: PHP, MY SQL
- Operating System: Windows 10
- Google Chrome / Internet Explorer
- XAMPP (3.7 or above)
- Workspace Editor: VS-Code

2.2.2) HARDWARE REQUIREMENTS

- Computer with a 1.1 Ghz or faster processor
- Minimum 2gb Ram or More
- 2.5 gb available hard-disk space
- 5400 RPM Hard Drive
- 1366 X 768 or higher- resolution display

CHAPTER-03

4.1) MODULES

- ADMINISTRATORS: Responsible for Centralised Store and Distributor Management
- DISTRIBUTORS: Distributors respond to the store orders.
- STORE: Located at various parts of the country.
- STORE MANAGER: Involved in Stock and Sales Management of a Store.

4.2) APPLICATIONS

This can be used at centralized management unit for superstores. The Distributor Panel helps in managing store orders and updating the store order details like Invoice,Shipments,Payment. The Store Manager Panel has greater applications in managing his Store Stocks maintain customer interactions. The Administrator Panel helps the management team of the superstores to maintain all the stores overwide area at one central interface

CHAPTER -03

CONCLUSION

While developing this project we have learnt a lot about HTML/CSS/JS/PHP/MySQL and working with database management, we have also learnt how to make the application user friendly (easy to use and handle) by hiding the complicated parts of it from the users.

During the development process, we studied carefully and understood the criteria for making a software more demanding, we also realized the importance of maintaining a minimal margin for errors.

CHAPTER -05

BIBLIOGRAPHY

It has been a matter of immense pleasure, honour, and challenge to have this opportunity to take up this project and complete it successfully.

We have obtained information from various resources to design and implement our project. We have acquired most of the knowledge from the Internet.

The following are some of the resources:

➢ Dr. Akhilesh Kumar Sharma

➢ www.w3schools.com

➢ www.tutorialspoint.com

➢ Google and YouTube Tutorials