

SAHYADRI COLLEGE OF ENGINEERING & MANAGEMENT

SCEM/ISE **2021-22**

Department of Information Science & Engineering

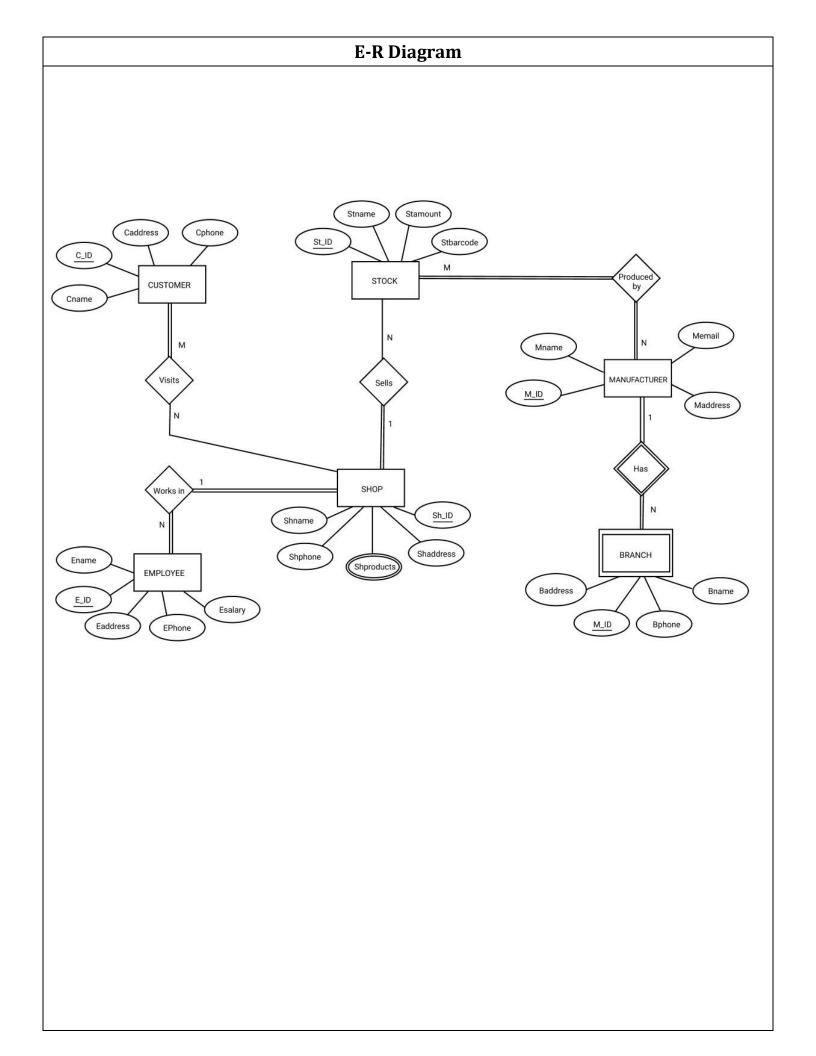
DBMS Laboratory With Mini Project – 18CSL58			
Proposed Mini Project Synopsis – V Sem ISE 'A'			
Student Name		USN	Student Signature
1. Swathi S Nayak		4SF19IS115	
2. Vishnu N V		4SF19IS120	
Faculty In charge			
Name:	Ms. Jayapadmini Kanchan	Signature with Date	:
Mini Project Title: Cash and Carry Database Management System			

Mini Project Description:

The Cash and Carry database is used to store and validate stock information from individual stores in a supermarket. At regular intervals of time, the database is updated with accurate stock purchases. By studying the stock being sold by a set of shops, the dependency factor of each manufacturer can be estimated. This gives the supermarket a measure of how much they've profited from a certain manufacturer. The database provides a way to calculate the revenue generated by each shop and the profit made through customers. The end product has the potential to assist the supermarket on a substantial scale.

References:

- [1] Fundamentals of Database Systems, Ramez Elmasri and Shamkant B. Navathe, 7th Edition, 2017, Pearson.
- [2] Database management systems, Ramakrishnan, and Gehrke, 3rd Edition, 2014, McGraw Hill.
- [3] Silberschatz Korth and Sudharshan: Database System Concepts, 6th Edition, Mc-Graw Hill, 2013.
- [4] Coronel, Morris, and Rob, Database Principles Fundamentals of Design, Implementation and Management, Cengage Learning 2012.



Relational Schema CUSTOMER C_ID Cname Caddress Cphone **EMPLOYEE** E_ID Eaddress Esalary Ename Ephone MANUFACTURER M ID Maddress Memail Mname SHOP Sh ID Shname Shaddress E_ID C_ID Shphone PRODUCED BY SHPRODUCTS VISITS C_ID M_ID Sh_ID St_ID Sh_ID Shproducts STOCK St_ID Stname Stbarcode Sh_ID M_ID Stamount BRANCH Baddress M_ID Bname Bphone