



**SOUTHEAST UNIVERSITY**  
*Meeting the Challenges of Time*

Project overview  
of  
IT Shop Management

Couse title: Database Design Lab  
Course code: CSE384  
Section: 3

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## **Project overview:**

Shop management system is a system where all the information related to the customer, employees and products will be stored. The stored data may be used for some analysis like sales trend, inventory system, sales growth, Viewing customer data etc.

This project is specially designed for an IT shop. Where there are various types of column and data. This project is useful for storing and managing sales data in a structural way.

This project will be fully in SQL Database System. And I will be using Oracle SQL to establish the database.

There are mainly five table in this database system. They are briefly described below,

Database tables	Descriptions
CUSTOMER_INFO	It contains information about customer like name , unique ID, Phone number and address.
PRODUCTS_INFO	It contains information about product like prout ID, name , Stock, price etc.
BRANCH_INFO	it contains the name of the branch, address, manager name, employee number etc.
EMPLOYEE_INFO	it contains information about employee like their name , phone number, their ID number , Birth date etc.
PAYMENT_INFO	this table contains the selling info like which product is being sold, their product id , payment method, amount, stock count, seller info etc.

### **Functionality:**

The database is password protected and can have multiple user. Anyone can input the relevant data to the table using SQL command. Basically we have 5 individual file to complete the whole project. And user just need to use the “insert” file to add data.

And to manipulate the data user need to use “query” file.

### **Audience:**

The audience or user for this project will be the employees of a shop. Different employees may have different user to access the database.

### **Future of the database:**

This database is currently providing the basic information about the shop and the product. but in the future many category can be added to product\_info table. Employee insurance related one table may be built. Where employee and their family related information will be stored. Some points are noted below regarding the future of this project,

- Adding more information of employees and customer.
- Customer database could help to promote the business.
- Adding more powerful queries to manage data more efficiently.
- Increase file based operation.

### **Summary:**

This project is really crucial for digital shop management. The total project is built using very basic code editor and ORACLE SQL. I have learnt about many queries of SQL which will help me to work broadly with SQL in the future.

## Schema Diagram

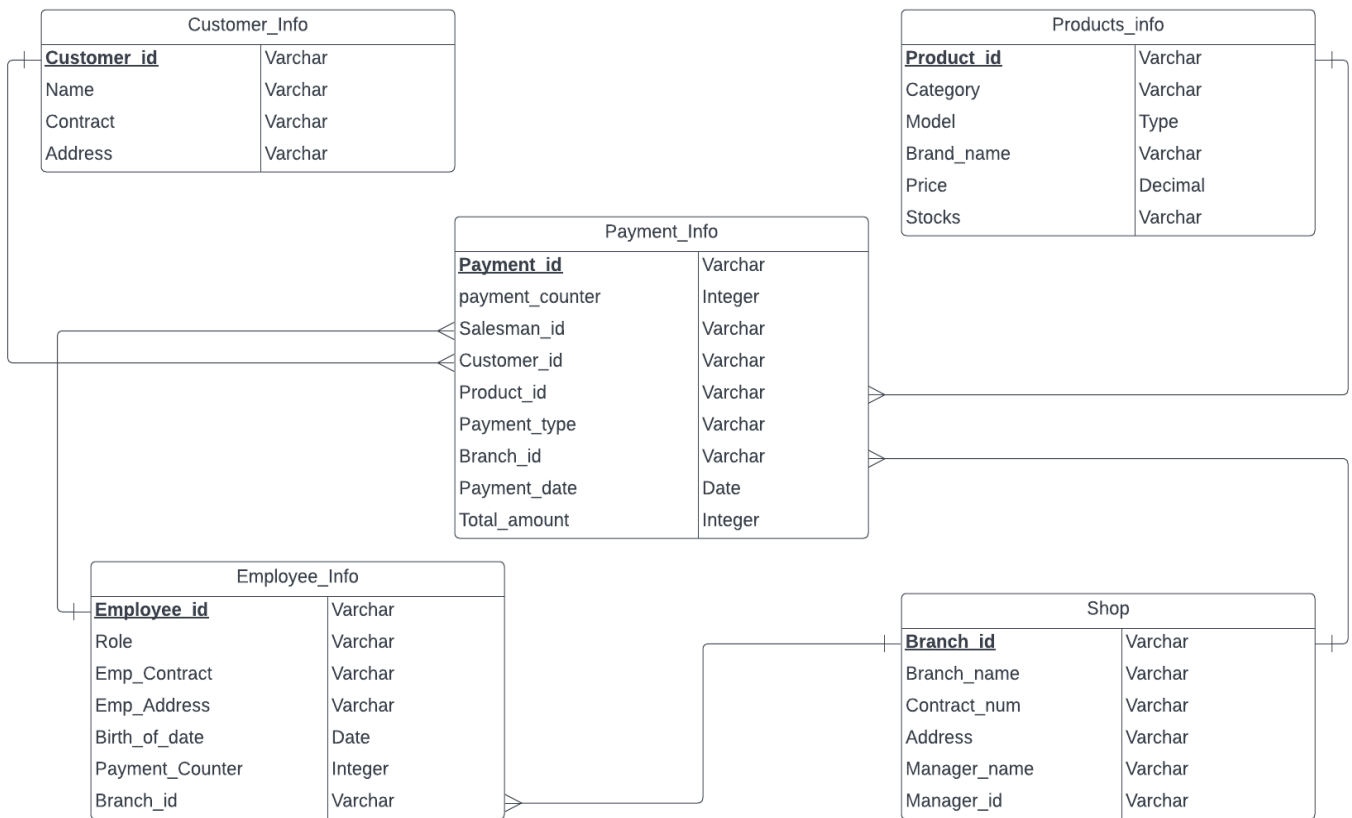


Figure: Schema Diagram of Computer Shop Management