ASSIGNMENT

ELECTRONIC GADGETS SHOP

NAME: USHA MANDALA

ASSIGNMENT: ELECTRONIC GADGET SHOP

TASK-1:

1.Create the database named "TechShop":

CREATE DATABASE TechShop;

Use database TechShop;

2. Define the schema for the Customers, Products, Orders, OrderDetails and Inventory tables based on the provided schema.

/\* Creating Tables\*/

/\*1. Customers:

• CustomerID (Primary Key)

• FirstName

• LastName

• Email

• Phone

• Address\*/

create table Customers(

CustomerId int Identity constraint C\_PK Primary Key,

FirstName varchar(45) not null,

LastName varchar(40),

email varchar(65) not null,

phone varchar(20),

Address varchar(80) not null);

/\*. Products:

• ProductID (Primary Key)

• ProductName

• Description

• Price

\*/

CREATE TABLE Products (

ProductID INT PRIMARY KEY,

ProductName VARCHAR(100),

Description VARCHAR(MAX),

Price DECIMAL(10, 2)

);

/\*

Orders:

• OrderID (Primary Key)

• CustomerID (Foreign Key referencing Customers)

• OrderDate

• TotalAmount\*/

CREATE TABLE Orders (

OrderID INT PRIMARY KEY,

CustomerID INT FOREIGN KEY (CustomerID) REFERENCES Customers(CustomerID),

OrderDate DATE,

TotalAmount DECIMAL(10, 5)

);

/\*OrderDetails:

• OrderDetailID (Primary Key)

• OrderID (Foreign Key referencing Orders)

• ProductID (Foreign Key referencing Products)

• Quantity\*/

CREATE TABLE OrderDetails (

OrderDetailID INT PRIMARY KEY,

OrderID INT,

ProductID INT,

Quantity INT,

FOREIGN KEY (OrderID) REFERENCES Orders(OrderID),

FOREIGN KEY (ProductID) REFERENCES Products(ProductID)

);

/\*Inventory

• InventoryID (Primary Key)

• ProductID (Foreign Key referencing Products)

• QuantityInStock

• LastStockUpdate\*/

CREATE TABLE Inventory (

InventoryID INT PRIMARY KEY,

ProductID INT,

QuantityInStock INT,

LastStockUpdate DATE,

FOREIGN KEY (ProductID) REFERENCES Products(ProductID)

);