SUPER MART MANAGEMENT SYSTEM

Description:

This project deals with a super mart system where customers buy products from the super marts at different locations, the database stores all the product details, txn date time and the revenue etc

We have designed 4 database tables with at least 5 rows of data in each table, with each table in 3NF and performed the CRUD operations

TABLES:

1. **Customers table:**

Attributes:

cust_id int NOTNULL, PRIMARY KEY,

cust_name varchar(50) DEFAULT NULL,

contact_no int DEFAULT NULL,

payment_method varchar(50) DEFAULT NULL

-   Cust_id is the primary key in customers table

Sample data for customers table:

Cust_id	Cust_name	Contact_no	Payment_method
1001	sri	93949602	payTm

2. Locations table:

trans_id int NOT NULL, PRIMARY KEY

cust_id int NOTNULL,

city varchar(50) DEFAULT NULL,

states varchar(50) DEFAULT NULL,

country varchar(50) DEFAULT NULL,

postal_code float DEFAULT NULL

- Here trans_id is primary key and cust_id is foreign key

Sample data for locations table:

trans_id	Cust_id	city	states	country	Postal_code
22212041	1001	vijayawada	Andhra Pradesh	India	520001

3. Orders table:

trans_id int NOT NULL primary key,

cust_id int DEFAULT NULL,

purch_date int DEFAULT NULL,

units_sold int DEFAULT NULL;

In the above table trans_id is primary key & cust_id is foreign key

Sample data for orders table:

Trans_id	Cust_id	Purch_date	Units_sold
22212041	1001	-2010	3

4. Producers table:

trans_id int NOT NULL PRIMARY KEY,

prod_category varchar(50) DEFAULT NULL,

prod_type varchar(50) DEFAULT NULL,

revenue` float DEFAULT NULL,

purch_date` int DEFAULT NULL

sample data for producers table:

Trans_id	Prod_category	Prod_type	revenue	Purch_date
22212041	ghee	Dairy products	400000	-2010

here trans_id is primary key