Database: Farm-easy

Creating database and tables:

CREATE DATABASE FarmEasy;

#Creating Farmer table

CREATE TABLE farmer(f\_id integer NOT NULL PRIMARY KEY AUTO\_INCREMENT ,f\_Name char(50) , f\_contact\_number varchar(15) , address varchar(255), user\_id varchar(100), password varchar(100));

#Creating Customer table

CREATE TABLE customer(c\_id integer NOT NULL PRIMARY KEY AUTO\_INCREMENT ,c\_name char(50) , c\_contact\_number varchar(15) , address varchar(255), user\_id varchar(100), password varchar(100));

#Creating Crop table

CREATE TABLE crop(cr\_id integer NOT NULL PRIMARY KEY AUTO\_INCREMENT ,name char(50));

#Creating Harvest-Post table

CREATE TABLE harvestpost(h\_id integer NOT NULL PRIMARY KEY AUTO\_INCREMENT, f\_id integer REFERENCES farmer(f\_id),cr\_id integer REFERENCES crop(cr\_id), quantity float , price float, posted\_on date, expiry date);

#Creating Transaction table

CREATE TABLE transaction(t\_id integer NOT NULL PRIMARY KEY AUTO\_INCREMENT, h\_id integer REFERENCES harvestpost(h\_id), c\_id integer REFERENCES customers(c\_id), quantity float , price float, status char(25));