ISHAN:

READERS:

**create table** Readers (

Reader\_ID **char**(5) NOT NULL UNIQUE,

Item\_quantity **float**(10) NOT NULL,

Item\_Type **varchar**(50) NOT NULL,

Location\_spot **varchar**(5) NOT NULL UNIQUE,

**primary key** (Reader\_ID),

**foreign key** (Location\_spot) **references** Front );

SENSORS:

**create table** Sensors (

Sensor\_ID **char**(5) NOT NULL UNIQUE,

Location\_spot **varchar**(5) NOT NULL UNIQUE,

Sensor\_status int(2) NOT NULL,

**primary key** (Sensor\_ID),

**foreign key** (Location\_spot) **references** Front );

ANALYSIS DATA\_MEDS:

**create table** Analysis\_Data (

Sensor\_ID **char**(5) NOT NULL,

M\_ID **varchar**() NOT NULL,

Sensor\_status int(1) NOT NULL CHECK Sensor\_status < 2,

False\_positives int(1) NOT NULL CHECK False\_positives < 2 ,

False\_negatives int(1) NOT NULL CHECK False\_negatives< 2,

True\_negatives int(1) NOT NULL CHECK True\_negatives < 2,

True\_positives int(1) NOT NULL CHECK True\_positives < 2,

**primary key** (Sensor\_ID, M\_ID),

**foreign key (M\_ID) references Medicines,**

ANALYSIS DATA\_GRO:

**create table** Analysis\_Data (

Sensor\_ID **char**(5) ,

G\_ID **varchar**(10),

Sensor\_status int(1) NOT NULL CHECK False\_positives < 2,

False\_positives int(1) NOT NULL CHECK False\_positives < 2 ,

False\_negatives int(1) NOT NULL CHECK False\_negatives< 2,

True\_negatives int(1) NOT NULL CHECK True\_negatives < 2,

True\_positives int(1) NOT NULL CHECK True\_positives < 2,

**primary key** (Sensor\_ID, G\_ID),

**foreign key (G\_ID) references Grocery,**

ANALYSIS DATA\_SHOPL:

**create table** Analysis\_Data (

Sensor\_ID **char**(5) NOT NULL,

Item\_ID **varchar**() NOT NULL,

Sensor\_status int(1) NOT NULL,

Sensor\_status int(1) NOT NULL CHECK False\_positives < 2,

False\_positives int(1) NOT NULL CHECK False\_positives < 2 ,

False\_negatives int(1) NOT NULL CHECK False\_negatives< 2,

True\_negatives int(1) NOT NULL CHECK True\_negatives < 2,

True\_positives int(1) NOT NULL CHECK True\_positives < 2,

**primary key** (Sensor\_ID, Item\_ID),

**foreign key (Item\_ID) references Shopping\_List )**;

BAND TAG:

**create table** Band\_Tag (

Customer\_ID **char**(5) NOT NULL ,

Tag\_ID **char**(5) NOT NULL,

Item\_ID **char**(10) NOT NULL,

Vessel\_tagID **char**(5) NOT NULL,

In\_time **TIME** NOT NULL,

Out\_time **TIME** NOT NULL,

Date **DATE** NOT NULL,

Location\_spot **varchar**() NOT NULL,

Vessel\_weight **float**(), **CHECK (**Vessel\_weight>0 AND Vessel\_weight<5)

**primary key** (Customer\_ID,Tag\_ID,Date,Out\_time),

**foreign key** (Customer\_ID) **references** Customer );

RFID DATA:

**create table** Band\_Tag (

Location\_spot **varchar**(5) NOT NULL ,

Tag\_ID **char**(5) NOT NULL,

Item\_ID **char**(10) NOT NULL,

Location\_seq **char**(5) NOT NULL,

Vessel\_weight **float**(),

seconds int() NOT NULL,

minutes **int()** NOT NULL,

hours **int()** NOT NULL,

Date **date**() NOT NULL,

**primary key** (Customer\_ID,Tag\_ID,Date,Out\_time),

**foreign key** (Customer\_ID) **references** Customer );

ALISTER:

Create table Grocery (

G\_ID varchar(5),

Item\_name char(255),

Item\_category char(255),

Item\_quantity int,

Wholesale\_cost float,

Restock\_date date(),

Next\_restock date(),

S\_ID varchar(5),

Primary key (G\_ID),

Foreign key (S\_ID) references Seller(S\_ID)

);

Create table Medicine (

M\_ID varchar(5),

Item\_name char(255),

Item\_category char(255),

Item\_quantity int,

Wholesale\_cost float,

Restock\_date date(),

Next\_restock date(),

Primary key (M\_ID)

);

Create table Seller (

S\_ID varchar(5),

Salesman\_name char(255) NOT NULL,

Salesman\_contact long NOT NULL,

Salesman\_mail varchar(50),

Transport char(20),

GST float,

Delivery\_date date(),

Primary key (S\_ID)

);

Create table Front (

Address varchar(255),

Tag\_ID char(5) NOT NULL,

Sensor\_ID char(5),

Item\_id varchar(5),

Item\_name char(255),

Item\_category char(255),

Item\_quantity int,

Item\_cost float,

Item\_brand char(255),

Primary key (Address),

Foreign key (Sensor\_ID) references Sensors (Sensor\_ID)

);

KHUSH:

**Table Name:: Customer**

**CREATE TABLE CUSTOMER**

**(**

First\_name **varchar(255)** NOT NULL

Middle\_name **varchar(255)**

Last\_name **varchar(255)** NOT NULL

ID **char(50)** NOT NULL **UNIQUE**

BHIM\_ID **int(50)** NOT NULL **UNIQUE**

ADDRESS **varchar(255)** NOT NULL

Email\_ID **varchar(255)**  **UNIQUE**

Contact\_number **int(10)** NOT NULL **UNIQUE**

Age **int(2)** NOT NULL

Date **int(50)** NOT NULL

Account\_number  **int(20)** NOT NULL **UNIQUE**

**primary** **key (**Customer\_ID, BHIM\_ID),

**foreign**  **key (**Account\_number) **references** PAYMENT\_INFORMATION

**);**

**CREATE TABLE PAYMENT\_INFORMATION**

**(**

Account\_number **int(20)**  NOT NULL

Card\_number **int(20)** NOT NULL **UNIQUE**

BHIM\_ID **int(50)**  NOT NULLCustomer\_ID **char(50)** NOT NULL

**primary key (**Account\_number**)**

**foriegn key (**Customer\_ID, BHIM\_ID **references** CUSTOMER**)**

**);**

**CREATE TABLE SHOPPING\_LIST**

**(**

Customer\_ID **char(50)** NOT NULL

Item\_name **varchar(50)** NOT NULL

Item\_ID  **char(50)** NOT NULL **UNIQUE**

Item\_category **varchar(50)** NOT NULL **UNIQUE**

Item\_quantity **float(50)** NOT NULL

Item\_price **float(50)** NOT NULL

List\_ID **char(50)**  NOT NULL

**primary key (**Item\_ID).

**foreign key (**List\_ID **references** LIST, Customer\_ID **references** CUSTOMER)

**);**

**CREATE TABLE LIST**

**(**

Customer\_ID **char(50)** NOT NULL

List\_ID **char(50)**  NOT NULL **UNIQUE**

**primary key(** List\_ID**),**

**foreign key (**Customer\_ID **references** CUSTOMER)

**);**

**CREATE TABLE MEDICAL\_INFORMATION**

**(**

Customer\_ID **char(50)** NOT NULL

Time **TIME()** NOT NULL **UNIQUE**

Date **DATE()** NOT NULL **UNIQUE**

Mediclaim\_number **int(20)** NOT NULL

Patient\_ID **char(50)** NOT NULL

Doctor\_name **varchar(255)** NOT NULL

Doctor\_ID **char(50)** NOT NULL

M\_ID **char(50)** NOT NULL

**primary key (**Mediclaim\_number, Patient\_ID),

**foreign key (**M\_ID **references** MEDICINES)

**);**