1. From Data Dictionary ,we can see that we have to create 4 tables named as orders , order\_details , pizzas and pizza-types.

**CREATE DATABASE pizza\_sales;**

**USE pizza\_sales; //creation and usage of database;**

//Creation of table 1.

**CREATE TABLE orders(**

**order\_id INT NOT NULL UNIQUE,**

**date DATE,**

**time TIME,**

**PRIMARY KEY (order\_id)**

**);**

//Creation of 2nd Table

CREATE TABLE pizza\_types (

pizza\_type\_id INT NOT NULL UNIQUE,

name varchar(255),

category varchar(255),

ingredients varchar(255),

PRIMARY KEY (pizza\_type\_id)

);

//3 we will pizza now.

NOTE:Keep in mind about Foreign keys when creating tables.

USE pizza\_sales;

CREATE TABLE pizza(

pizza\_id INT NOT NULL UNIQUE,

pizza\_type\_id INT,

size varchar (255) NOT NULL,

price INT NOT NULL,

PRIMARY KEY (pizza\_id),

FOREIGN KEY (pizza\_type\_id) REFERENCES pizza\_types(pizza\_type\_id)

);

//4 now we have Foreign Key available so now we will write Order\_Details Table code

USE pizza\_sales;

CREATE TABLE order\_details(

order\_details\_id INT NOT NULL UNIQUE,

order\_id INT ,

pizza\_id INT,

quantity INT,

PRIMARY KEY (order\_details\_id),

FOREIGN KEY (pizza\_id) REFERENCES (pizza\_id),

FOREIGN KEY (order\_id) REFERENCES (order\_id),

);