**Complete Relational Schema (and their FD’s)**

**orders** (

orderID: VARCHAR(10),

customerID (foreign key): VARCHAR(10),

restaurantID (foreign key): VARCHAR(10),

driverID: VARCHAR(10),

orderDate: DATE,

orderTime: TIME,

orderAddress: VARCHAR(100),

orderNotes: VARCHAR(100),

isPaid: BOOLEAN,

isDelivered: BOOLEAN,

deliveryFee: DECIMAL(10,2),

tip: DECIMAL(10,2),

coupon: DECIMAL(10,2),

CCNumber (foreign key): CHAR(16),

restaurantRating: DECIMAL(2,1),

restaurantComment: VARCHAR(100),

driverRating: DECIMAL(2,1),

driverComment: VARCHAR(100)

)

*orderID → customerID, restaurantID, driverID, orderDate, orderTime, orderAddress, orderNotes, isPaid, isDelivered, deliveryFee, tip, coupon, CCNumber, restaurantRating, restaurantComment, driverRating, driverComment*

**Customer** (

customerID: VARCHAR(10),

customerPhoneNum: CHAR(10),

customerName: VARCHAR(100),

customerAddress: VARCHAR(100)

)

*customerID → customerPhoneNum, customerName, customerAddress*

**Restaurant** (

restaurantID: VARCHAR(10),

restaurantPhoneNum: CHAR(10),

restaurantAddress: VARCHAR(100),

restaurentBankAccountNumber (foreign key): VARCHAR(20)

)

*restaurantID → restaurantAddress, restaurantPhoneNum,* restaurentBankAccountNumber

**Driver** (

driverID: VARCHAR(10),

driverName: VARCHAR(100),

driverPhoneNum: CHAR(10),

driverBankAccountNumber (foreign key): VARCHAR(20)

)

*driverID → driverName, driverPhoneNum,* driverBankAccountNumber

**BankAccount** (

accountNumber: VARCHAR(20),

accountType: VARCHAR(10),

bankName: VARCHAR(50),

routingNumber: CHAR(9)

)

*accountNumber → accountType, bankName, routingNumber*

**CreditCard** (

CCNumber: CHAR(16),

expDate: CHAR(4),

nameOnCard: VARCHAR(100)

)

*CCNumber → expDate, nameOnCard*

**Food** (

foodID: VARCHAR(10),

restaurantID (foreign key): VARCHAR(10),

foodName: VARCHAR(50),

foodPrice: DECIMAL(10,2)

)

*foodID → restaurantID, foodName, foodPrice*

**FoodInOrder** (

orderID (foreign key): VARCHAR(10),

foodID (foreign key): VARCHAR(10),

quantity: INT

)

*orderID, foodID → quantity*