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

**amazonUser**(

email: string,

fname: string,

lname: string,

age: int,

address: string,

)

*FD: email → fname, lname, age, address*

*PK: email*

**buyer**(

Email: string,

b\_ID: varchar

)

*FD: email → b\_ID*

*PK: email*

**seller**(

Email: string,

s\_ID: varchar

)

*FD: email → s\_ID*

*PK: email*

**purchase**(

p\_ID: integer,

b\_ID: integer,

s\_ID: integer,

totalCost: decminal,

tax: decimal,

discount: decimal,

purchaseDate: DATE,

)

*FD: (P\_ID, b\_ID, s\_ID) → totalCost, tax, discount, purchaseDate*

*PK: p\_ID, B\_ID, s\_ID*

**contain**(

p\_ID: integer,

item\_ID: integer,

qn: int

**)**

FD: (p\_ID, item\_ID) → qn

Pk: p\_ID, item\_ID

**item**(

item\_ID: integer,

name: string,

price: decimal,

category: string,

)

*FD: item\_ID → name, price, category*

*PK: item\_ID*

**feedback**(

f\_ID: integer,

b\_ID: integer,

s\_ID: integer,

feedbackDate: DATE,

feedbackComment: string,

rating: integer,

)

*FD:(f\_ID, b\_ID, s\_ID) → feedbackDate, feedbackComment, rating*

*PK: f\_ID, b\_ID, s\_ID*

**pays(**

p\_ID: integer,

cnumber: integer,

)

*No FDs (Join table)*

*PK: cnumber, b\_ID, p\_ID*

**creditCard**(

cnumber: integer,

b\_ID: integer,

expDate: integer,

cvv: integer,

)

*FD: (cnumber, b\_ID) → expDate, cvv*

*Pk: cnumber, b\_ID*

**offer(**

s\_ID: integer,

item\_ID: integer

)

*No FDs (Join table)*

*PK: both*

**views(**

b\_ID: integer,

item\_ID: integer,

)

*No FDs (Join table)*

*PK: both*