3241 THE FINAL REPORT

Validating EERD and relational schema

() is a question that must be resolved, number of questions represented by the number of question marks

[] is a comment about a change

[made the relationship between buyer and payment\_method normal instead of an identifying relationship]

User (Should Buyer\_Flag and Seller\_Flag be attached to Buyer instead?) [O?]

Wishlist

Items\_In\_Wishlist

Review

[modified schema to remove foreign keys that no longer belong] [O]

Bank Account

Credit Card

Karma

Crypto

Item\_Order (?)

[removed Price as a foreign key]

[added order\_email to EERD and schema to fulfill project requirement]

(why is derived attribute Total Cost in the EERD) [O?]

Charges [underlined primary keys] [O]

Item\_Added\_To\_Order

[removed IP Item Price from EERD]

IP\_Item

[renamed Description to IP\_Description in schema]

Virtual Store

[renamed Description to Store\_Description]

[removed category name attribute]

IP Item Reviewed

Order Reviewed

Store Categories

[renamed Name to Category\_Name in eerd to match schema]

[removed Store\_ID foreign key]

QUESTIONS

Should Buyer\_Flag and Seller\_Flag be attached to User instead of Buyer and Seller?

Why is derived attribute Total Cost in the EERD at Item\_Order?

Should payment amount go under the Charges relationship?

Is having the buyer able to change the email address that an order is sent to enough, or do we have to do it for individual ip items?

RELATIONAL ALGEBRA

relational algebra statements

a good

b good

c good

d good

e changes to second and third line make this good

f good

g redid, good

h have not done yet

i redid, good

additional queries: not done yet