Notes from grader on CP02:

1. Each payment should only belong to one single user;
2. Each IP_item should only be contained in one order, or you need an extra attribute to keep track of the copy of IP_items.
3. seller and buyer had better have some additional attributes;
4. make the corresponding change in the schema based on the modifications in cardinality;
5. IP_item should also include Email as foreign if the store is a weak entity;


Revised content on next page:

Noah Chongsiriwatana, Yu-Shiang Jeng, Andrew Coyle, Sarah Platt        CP03

ERD: ( we had a lot of last minute changes to the schema and were unable to update this
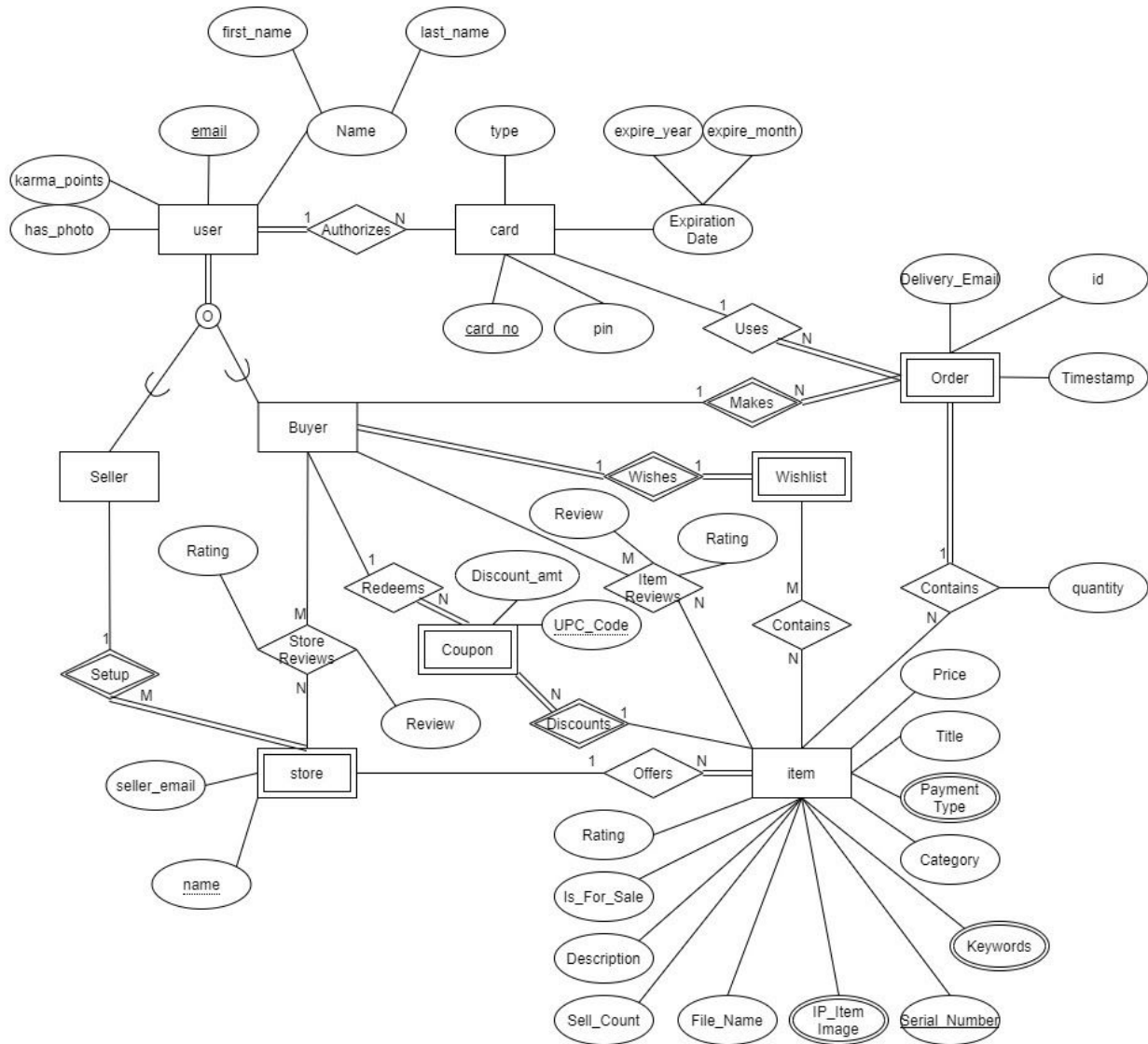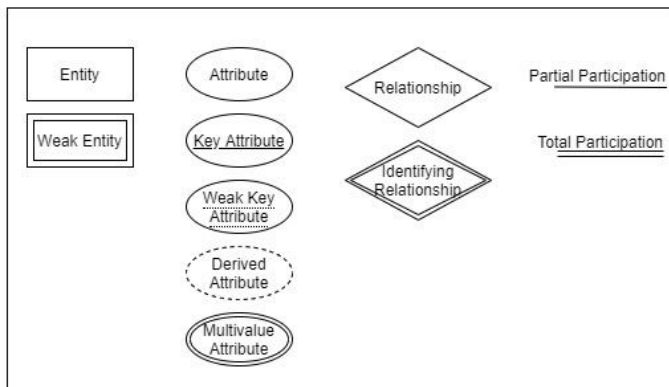
Relational Schema:
(Note: Primary keys are underlined, foreign keys are blue)
- user(email, karma_points, has_photo, first_name, last_name)
- card(card_no, pin, type, expire_month, expire_year)
- seller(email)
    - email >> user.email
- buyer(email)
    - email >> user.email
- store(name, seller_email)
    - seller_email >> seller.email
- order(id, buyer_email, delivery_email, timestamp, card_no)
    - buyer_email >> buyer.email
    - card_no >> card.card_no
- order_contents(order_id, serial_no, quantity)
    - order_id >> order.id
    - serial_no >> item.serial_no
- item(serial_no, quantity, quantity_sold, title, description, category, file_type, price, store_name)
    - store_name >> store.name
- coupon(id, discount, serial_no, email)
    - serial_no >> item.serial_no
    - email >> user.email
- item_review(serial_no, reviewer_email, rating, review)
    - serial_no >> item.serial_no
    - reviewer_email >> buyer.email
- store_review(email, store_name, rating, review)
    - email >> user.email
    - store_name >> store.name
- wishlist(serial_no, email)
    - serial_no >> item.serial_no
    - email >> user.email
- buyer_card(email, card_no)
    - email >> user.email
    - card_no >> card.card_no
- item_keyword(serial_no, keyword)
    - serial_no >> item.serial_no
- item_accepted_card(serial_no, card_type)
    - serial_no >> item.serial_no