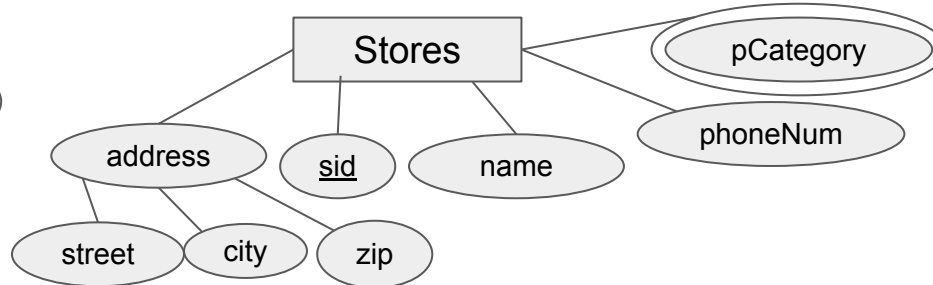
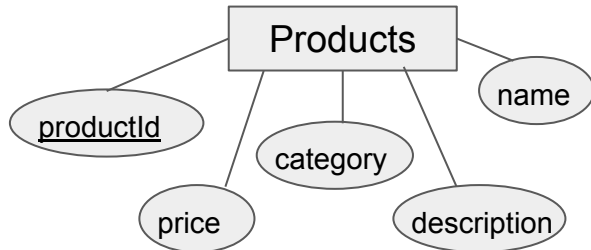
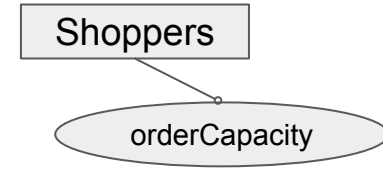
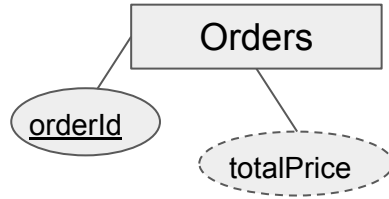
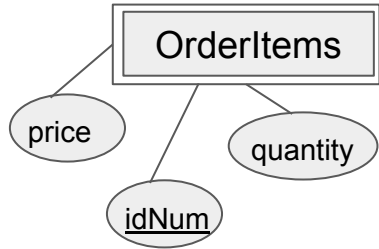
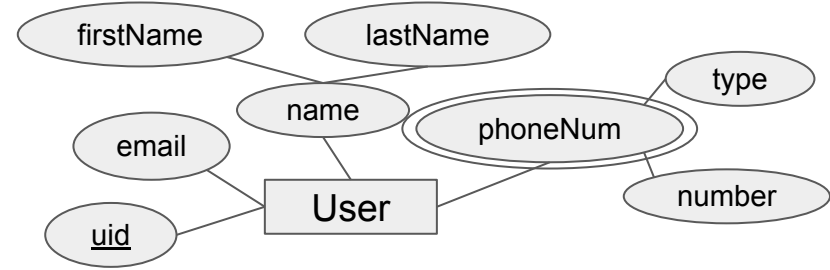
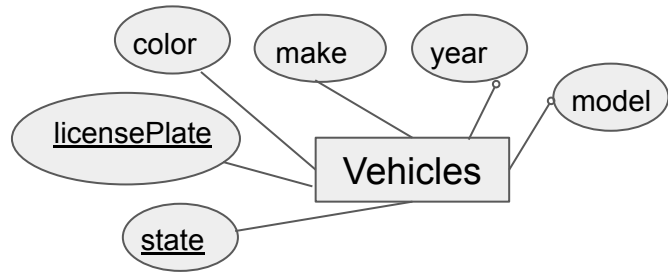


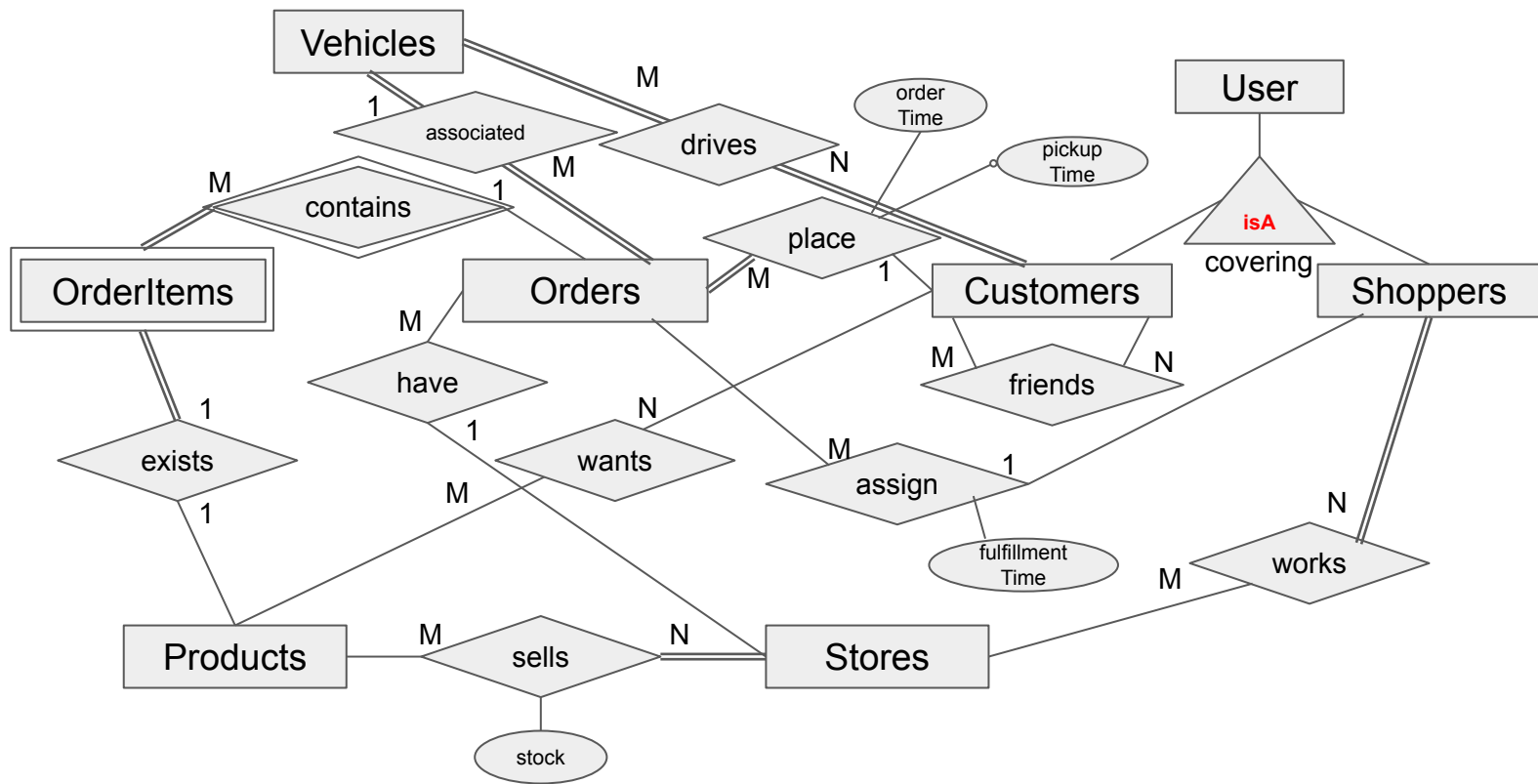
Your Name: Anthony Rachmat

Your Student ID: 26339003

Table of Contents:

- 1: Your name and SID.
- 2-3: Your final E-R diagrams.
- 4: Your partner's name and the main differences.
- 5-6: Your initial E-R diagrams.





Partner's Name: Beatrice Cheung

Partner's Student ID: 20665078

Main differences between yours and your partner's design:

Entity Differences:

- Q2: Different interpretation as to whether order capacity (an attribute of "Shoppers") was an optional attribute.
- Q5: Different interpretation as to whether total price was a derived attribute or not.

Relationship Differences:

- Q3: participation constraint was shown on opposite sides.
- Q4: initial disagreement if there was supposed to be a participation constraint.
- Q5: Different cardinality constraints (N-M vs 1-1)
- Q9: Different cardinality constraints (N-1 vs N-M)
- Q10: Different cardinality constraint (N-M, 1-M)
- Q11: Different interpretation if there was supposed to be a relationship between "Vehicle" and "Order"

Doing the ER Diagram on your own and then comparing it with someone else's was very helpful; It really opened my eyes to see the different interpretations that can arise from reading the requirements. When creating my own ER diagram, I initially thought that all my interpretations were correct and reasonable, but after listening to my partner's interpretations hers were also seemed correct and reasonable. It forced us to revisit the requirement and critically think about the context of the use of the app. There were some scenarios where we were brought to the conclusion that both of our answers were correct and developed a new answer after combining our thoughts.

Comparing answers also pointed out many aspects that I missed such as not defining key attributes or properly defining attributes of an entity. For example, I forgot to underline "sid" under "Stores" to indicate a key attribute.

