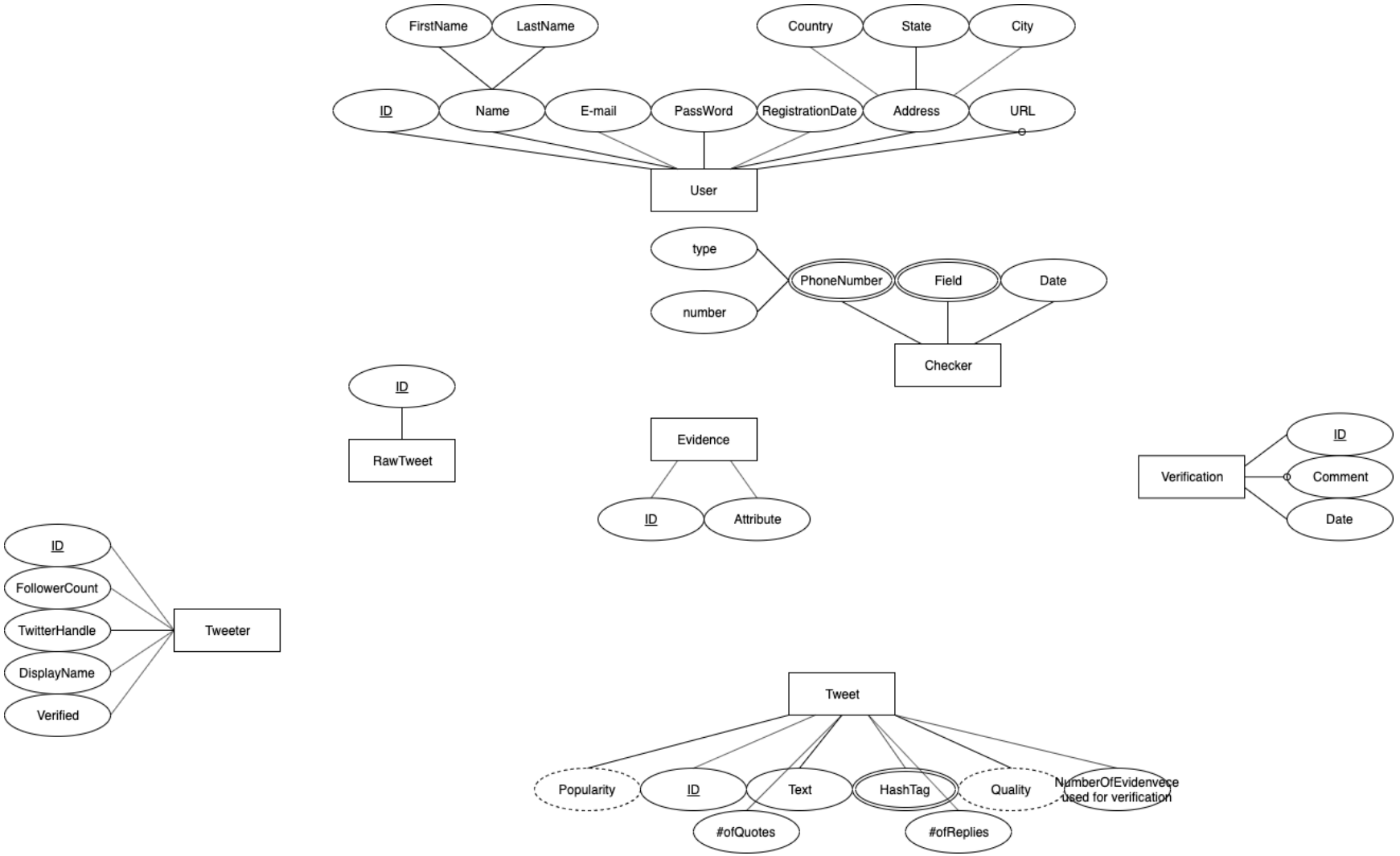
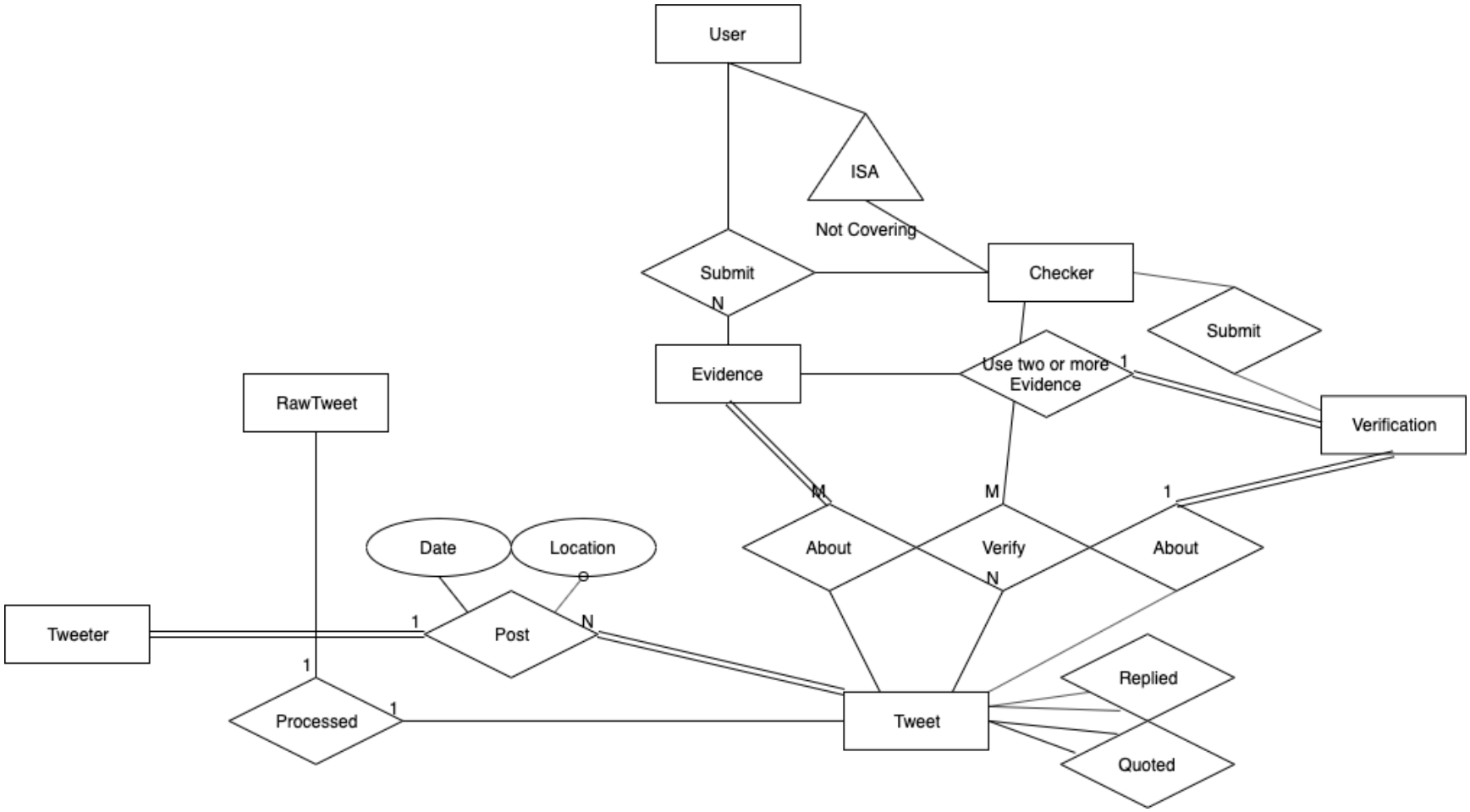
Last Name: Suh First Name: Joowon Student ID: 44414081

1. [45 pts] Copy and paste your first diagram below, containing all of the relevant entities and their associated attributes, including their keys.



2. [45 pts] Copy and paste your second diagram below, containing all of the relevant relationships and their associated relationship attributes, if any.



3a. [5 pts] Give a list of the main differences that you identified in your partner meeting and a few sentences summarizing what you learned from doing the comparison exercise. **Please include your partner's first and last name and the student ID**.

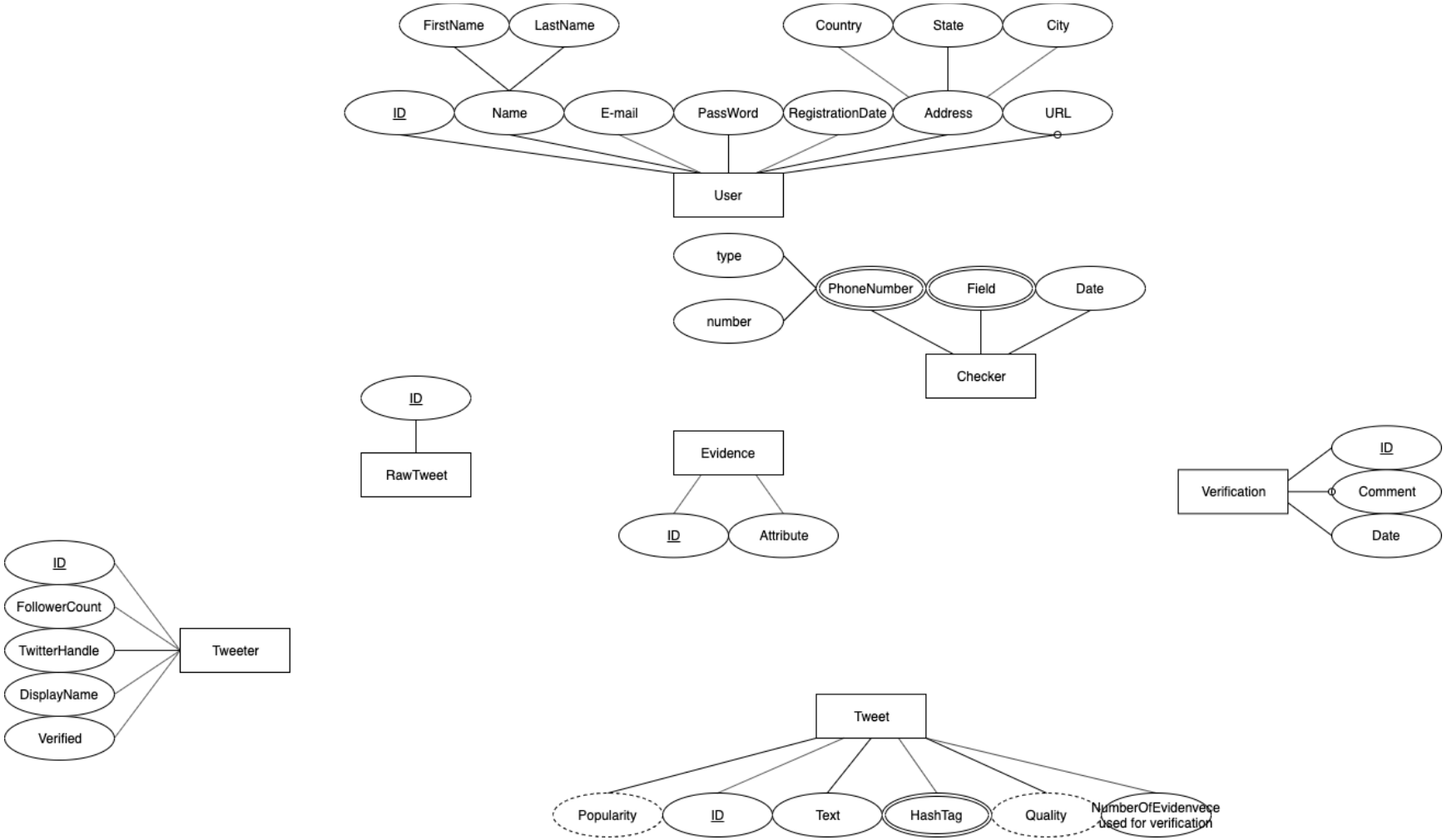
Partner: Shanshan Shi, shanshs, 76562424

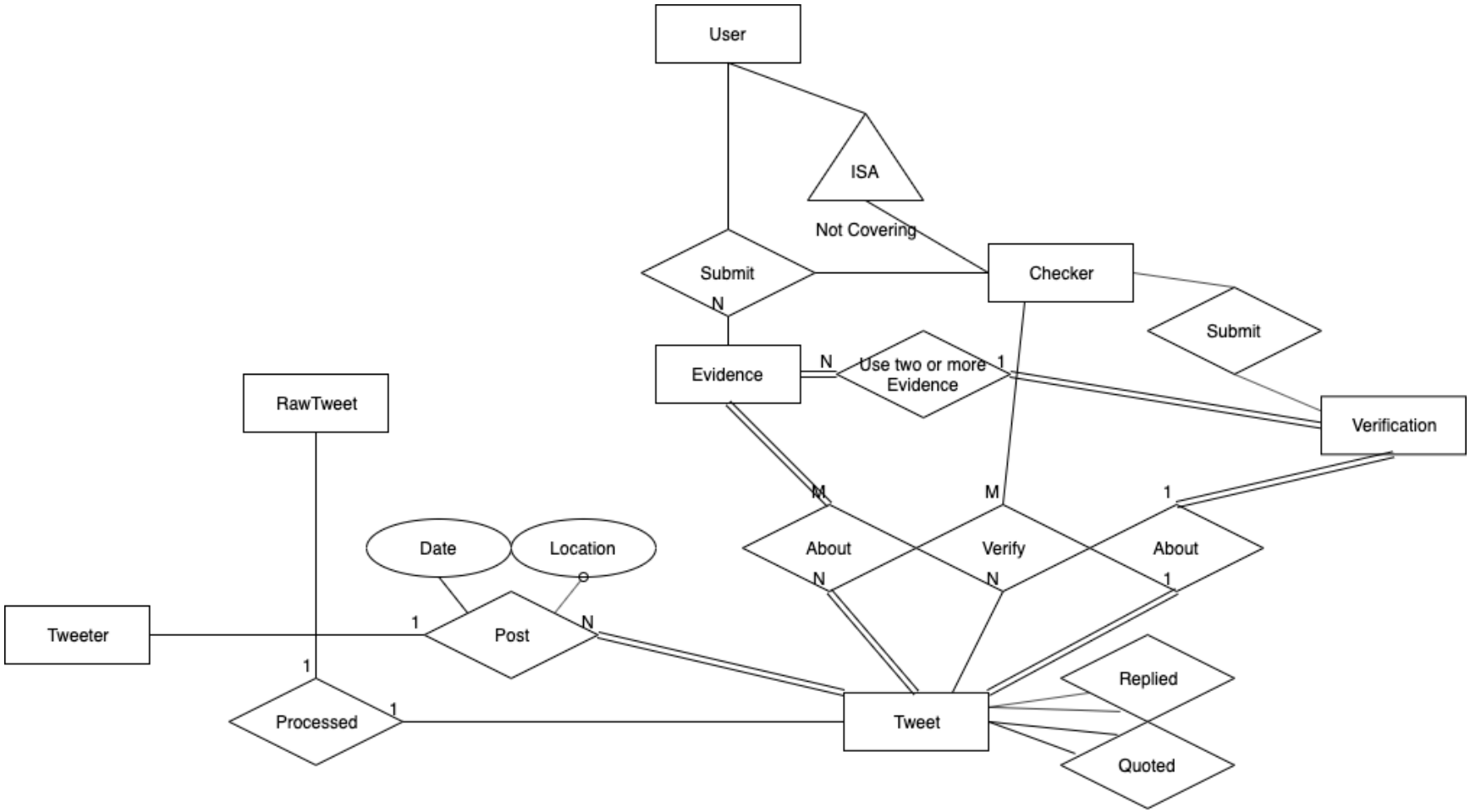
List

- Attribute on tweet and raw tweet
- Optional on multivalued attribute
- Cardinality on relationships
- Subset relationship

There were many difference between my partner's diagram and mine. Especially, the cardinality of relationship has the most difference among the list differences. That is, we had different perspectives on the relationship. The cardinality is the necessity of entity in the relation. One or more, and zero or more was the thing that we have to reveal from the description to determine cardinality. I learned how we interpret the sentence can derive different diagram, through the comparison.

3b. [5 pts] Copy and paste your initial two diagrams below, before you met with your partner.




User
ISA
Not Covering
Submit
N
Checker
Submit
Evidence
N
Use two or more Evidence
1
Verification
RawTweet
M
M
1
Date
Location
About
N
Verify
N
About
1
Tweeter
1
Post
N
1
Processed
1
Tweet
Replied
Quoted