**SQL PROJECT**

Objective:

1. To learn ER Diagram
2. Create database design based on the ER Diagram

(HINT: <https://swapnil.pw/learn/data-analytics-november-2022/>)

**PROBLEM STATEMENT**1. What are the entities in our database (nouns – these will be the tables) – Draw these as rectangles

2. What are their attributes? (properties/characteristics of an entity that we want to collect and store in the DB) – think about what would uniquely identify a particular instance of the entity)

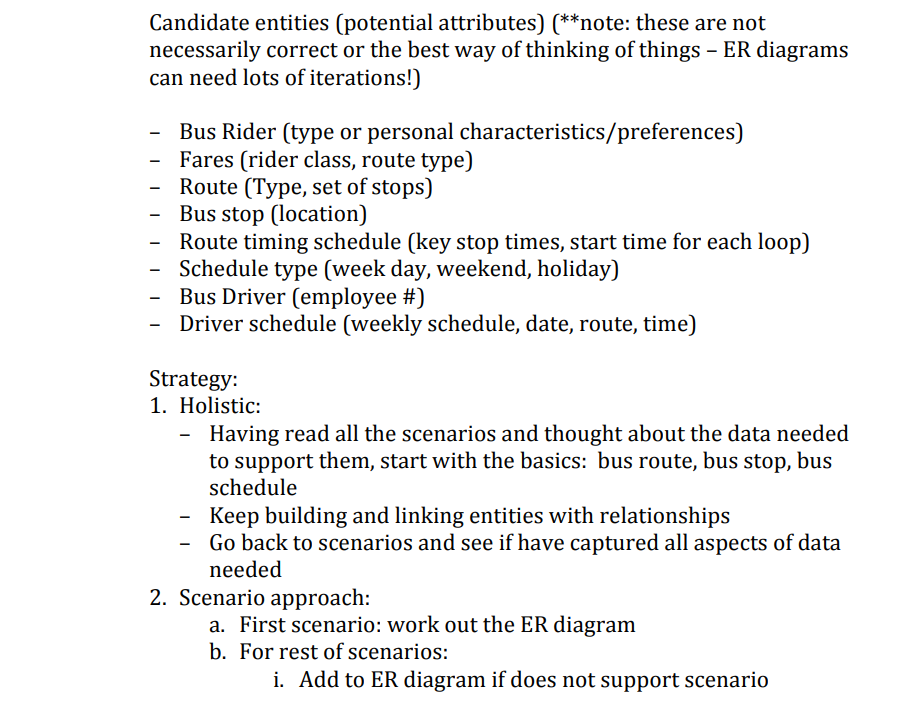
– Draw these as bubbles off the square

– Underline the attribute(s) that uniquely identifies instance

3. What are the relationships between entities? (what is the cardinality of that relationship? (1-1? 1-many? Etc.)

– Draw lines between entities – put a label on the line in a diamond

– Indicate by crow’s feet (or #’s) the cardinality at each end of the relationship

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