Assignment 2: Ten Questions Each

Modeling One: Ten English Questions for your database. Write ten non-trivial questions (per person) for your database. Include the names of everyone in the group. Think of "use cases."

Topic Name: Northeastern Transportation System

Team Name: NEU-Transporter

Team Members:

1. Name: Deepak Sawalka
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2. Name: Krishana Kapadia
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3. Name: Anjali Kabra
   NU-ID: 002762324
4. Name: Janhvi Shah
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Questions:

Krishana Kapadia (NU-ID 002762329):

1. What does the NEU transportation model accomplish?
2. What criteria does the database define the security of the travel route to the destination?
3. Which of the attributes featured in the database will make it easier for the user to compare the many aspects of travel?
4. Will the database provide information about the route's safety features according to the location?
5. How will the user determine which route is the safest to take to reach his destination while using the database to seek options?
6. What features would the database assist Individuals in meeting companions for the same destination and traveling together?
7. How does the individual know whether the travel companion they're traveling with is safe or not?
8. Will individuals who utilize the Buddy Walk feature be monitored in the database?
9. What attribute will play a major role in the entity diagram of the relational database?
10. How much is the range (in miles) for the desired destination from the source?

Deepak Sawalka (NU-ID 002910793):

11. Will the database specify which route is the safest to reach the destination at night?
12. Which mode of transportation allows you to get to the destination the quickest?
13. Will the database update the safest paths as time changes?
14. How many individuals will be gathered to depart from the source at a specific time and arrive at the same location?
15. Does the database maintain track of whether the people assemble at the source have pets?

16. Does the database contain a list of streets that are unsafe at specific times?

17. Will the database include information about the number of people running or walking at a given time?

18. Does the database take into account the gas stations between the source and the destination?

19. Does the database provide an estimated travel time using different modes of transportation?

20. How will the traveling companions determine whether they can safely travel together?

Anjali Kabra (NU-ID 002762324):

21. How would this database benefit students, faculty, and other NEU members?

22. How will the user identify which route is safest to choose to reach the destination when using the database to seek up the options?

23. How will users be able to coordinate to meet at a specific location and at a specific time?

24. Does this database cover time-sensitive routes to various other essential spots?

25. Which of the different routes available in the database connect the source to the destination?

26. Is the route's safety feature time-dependent?

27. How is the safest route to the destination determined?

28. Is there a set period during the day that you can use the buddy walk option, or is it available all day?

29. Does this database specify the best combination of modes of transports to reach the destination?

30. Which attribute will be the primary aspect of this database's use?

Janhvi Shah (NU-ID 002783375):

31. Will the commuter be able to make stops at multiple places between source and the Destination?

32. What is the average waiting time for a student who wishes to travel from source to a popular destination listed in the database?

33. Is it possible to communicate with someone who is traveling to the same place in a vehicle?

34. If a route is blocked due to some reason (eg snow/ fallen tree/ accident) will it be able to recalibrate from there?

35. Which feature of Buddy Walk ensures its safety?

36. Is there a route to the grocery store between the source and the destination if asked by the commuter in the database?

37. Which is the safest, quickest route regardless of cost while traveling late at night from source to Destination?

38. What is the quickest route to drive to your destination while avoiding traffic?

39. In order to find new companions to travel together which feature will the user use?

40. Why is it crucial to include the crime rate in the database?