Changes suggested by the professor:

1. Remove unnecessary words from entities and attributes names such as “details” , “data”, “information”.
2. Age shouldn’t be a stored attribute. Derive from DOB.
3. Draw relationship lines for all relationships: -
   1. TripID in Billing with no lines to Trip Details.
   2. Why is LocationID in Trip Details – isn’t that many to many relationships?
   3. Why LocationID in City?
   4. Shouldn’t trip details capture who is the passenger and driver?

Changes made to the Initial ERD:

1. As suggested, removed unnecessary words from entities and attributes names such as “details”, “data” and “information”.
2. Removed Age attribute, and included DOB attribute.
3. Drawn relationship lines: -
   1. Added relation between billings and trip using TripNumber as foreign key.
   2. Removed LocationID from Trip and created associative entity named Trip Locations.
   3. Removed LocationID.
   4. User Trips associative entity captures driver details and passanger details.
4. Created 1:1 relationship between Trip and Billing.
5. Created 1: Many relationship between User Trips and Billing.
6. Created relationship between User Trip, Trip entities and Complaint entity.
7. Complaint and Customer Service entity moved to User Trips rather than Passengers.
8. Removed many to many relations by introducing associative entities.
9. Added Foreign Key to the many side of relation in Trip Locations.
10. Added multiple Foreign keys wherever necessary to retain data integrity.