ER Model for Turo – Taiwo Olatunde

About Turo:

Turo is an American peer-to-peer carsharing company based in San Francisco, United States. The company allows private car owners to rent out their vehicles via an online and mobile interface in over 56 countries. The URL for the website is https://www.turo.com/

Assignment Summary:

You must create a database in MySQL for Turo. A database design project generally starts with requirements - you analyze the requirements to identify the business rules, entities, and relationships to form an ERD and then convert it into a database. In this case, however, we are using snapshots from a functional website (https://www.turo.com/) to understand the entities and business rules so that we can reverse engineer the database design. This document provides the snapshots from the website for your reference. However, I recommend that you go through the Turo website to understand the **car owner & customer** workflows.

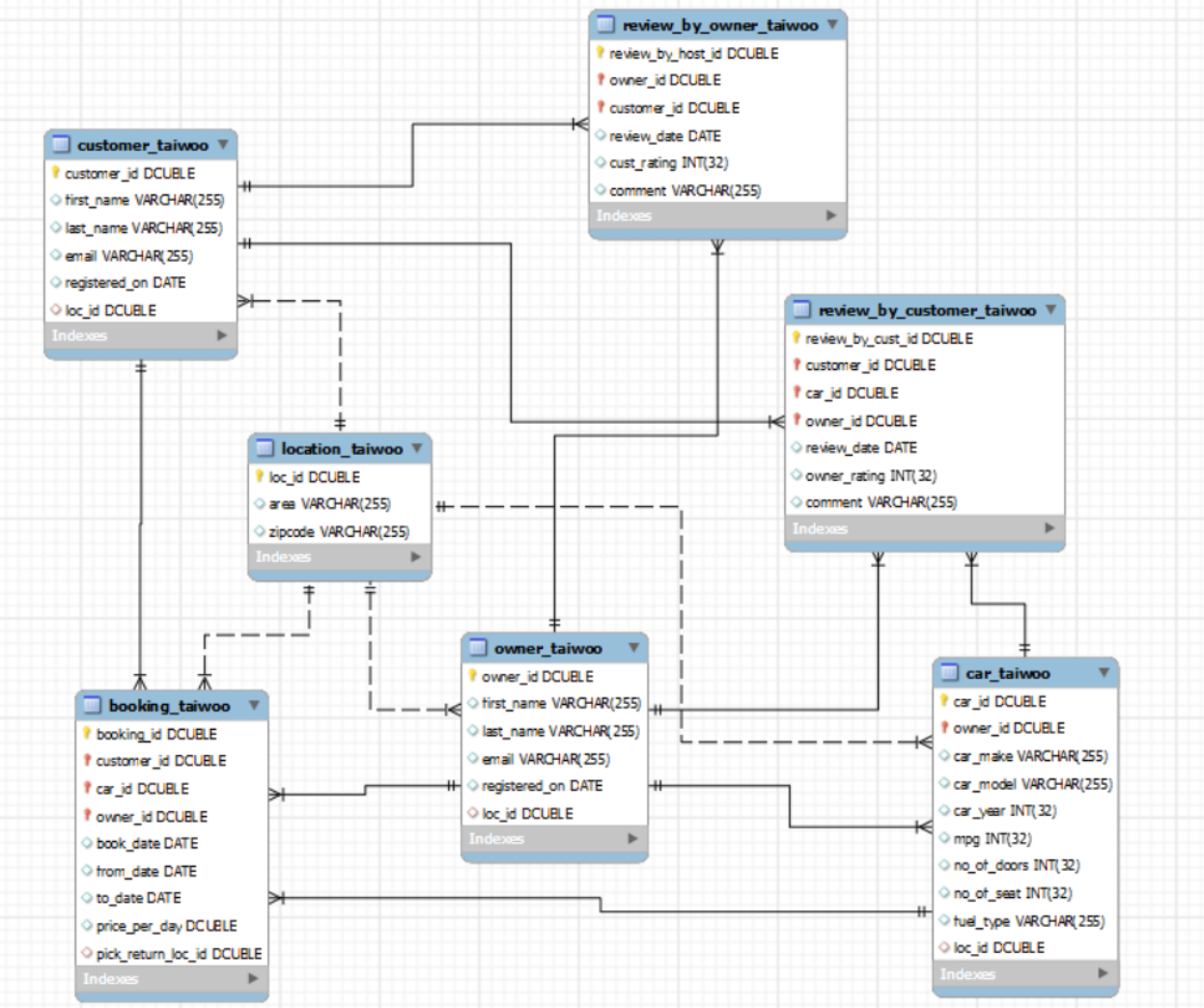
Scope:

The customer searches for a car to rent it out. Also, the car owner can rent his/her car to any customer for any number of days. The scope of the project is limited to the booking and reviews. The website offers a whole lot of information about the booking and reviews.

Assumptions:

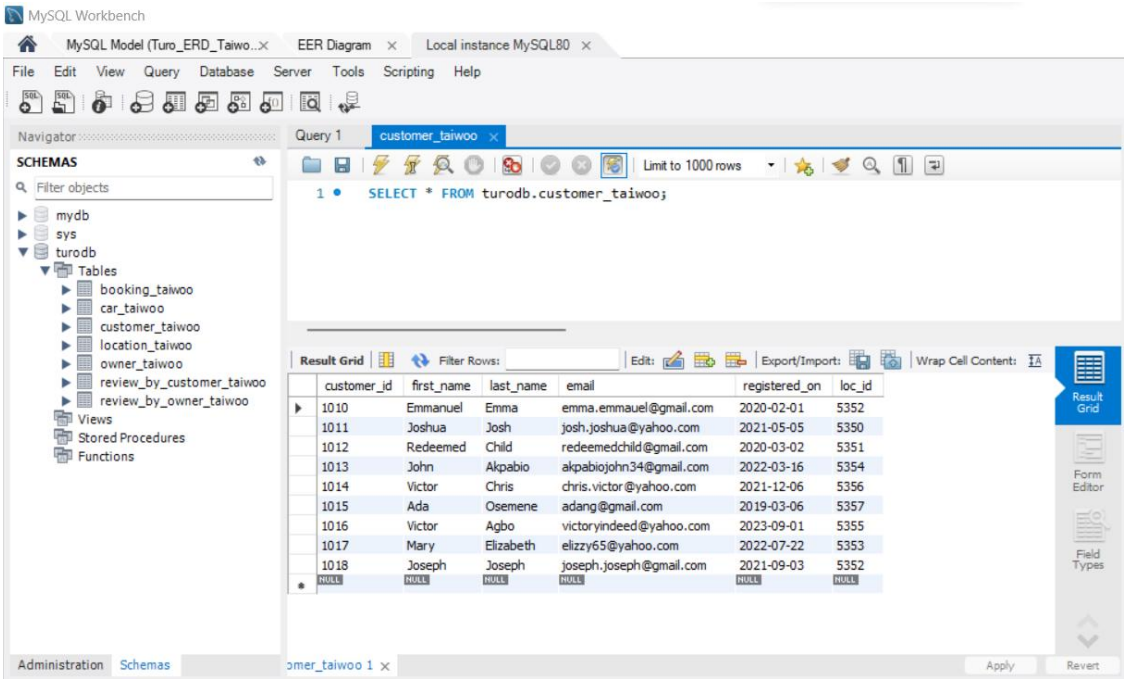
- A customer can sign up via email and create an account.
- A customer cannot be a car owner.
- Customer can leave reviews about the car owners. Also, car owners can leave reviews about the customer(s).
- The system should keep track of the confirmed bookings.

Snapshot of ER diagram:

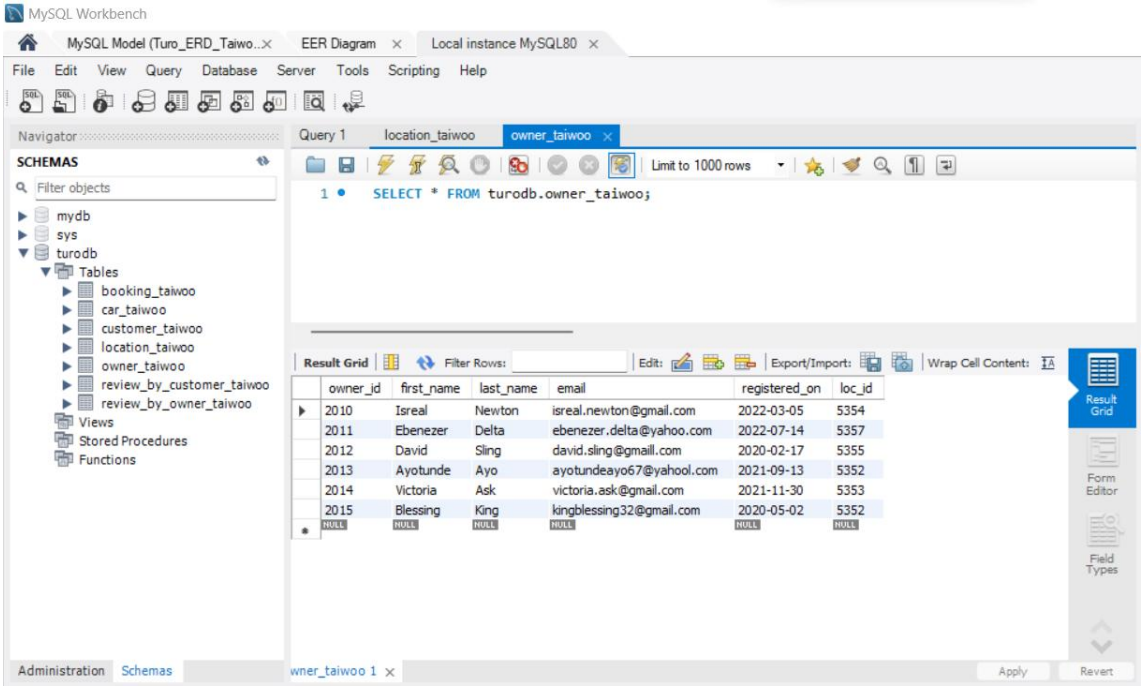


Snapshot of physical tables created in MySQL with data:

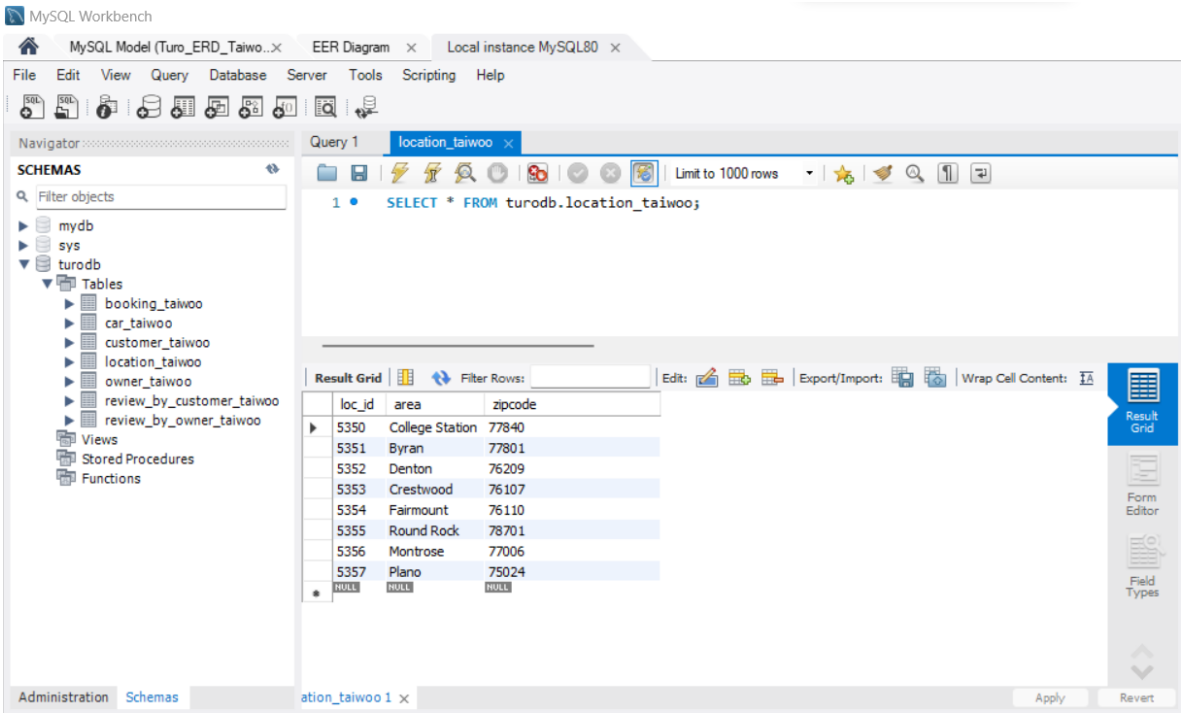
Customer_TaiwoO table:



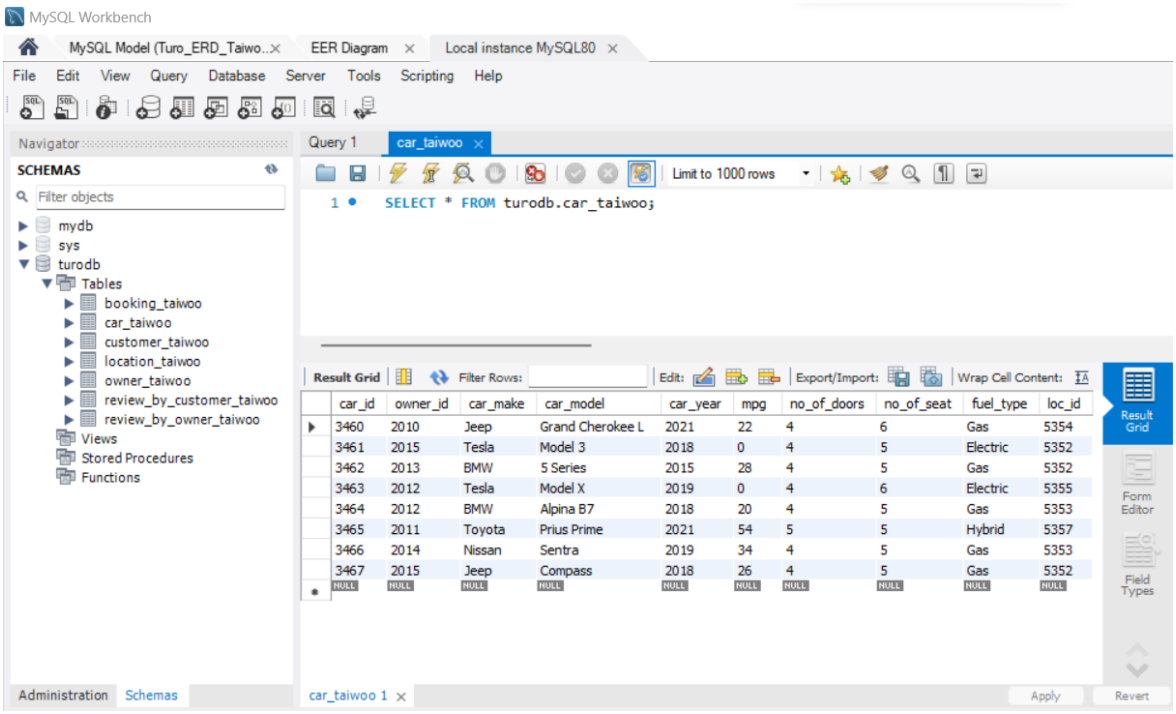
Owner_TaiwoO table:



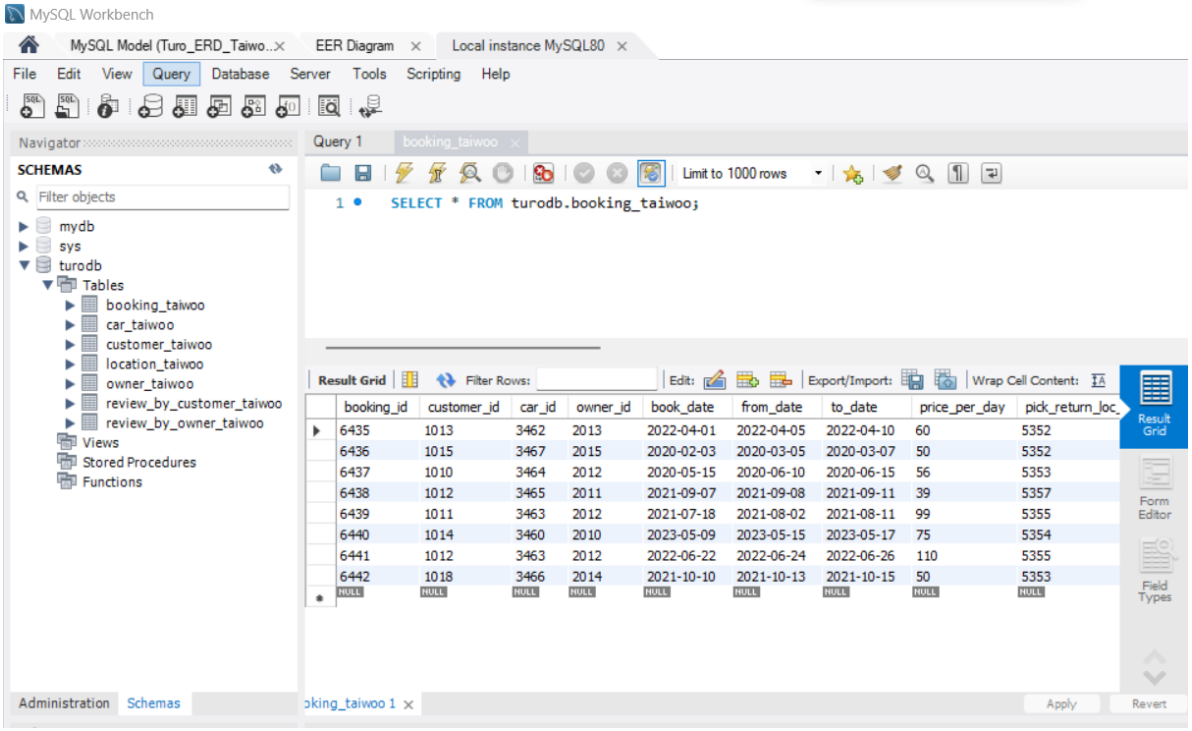
Location_TaiwoO table:



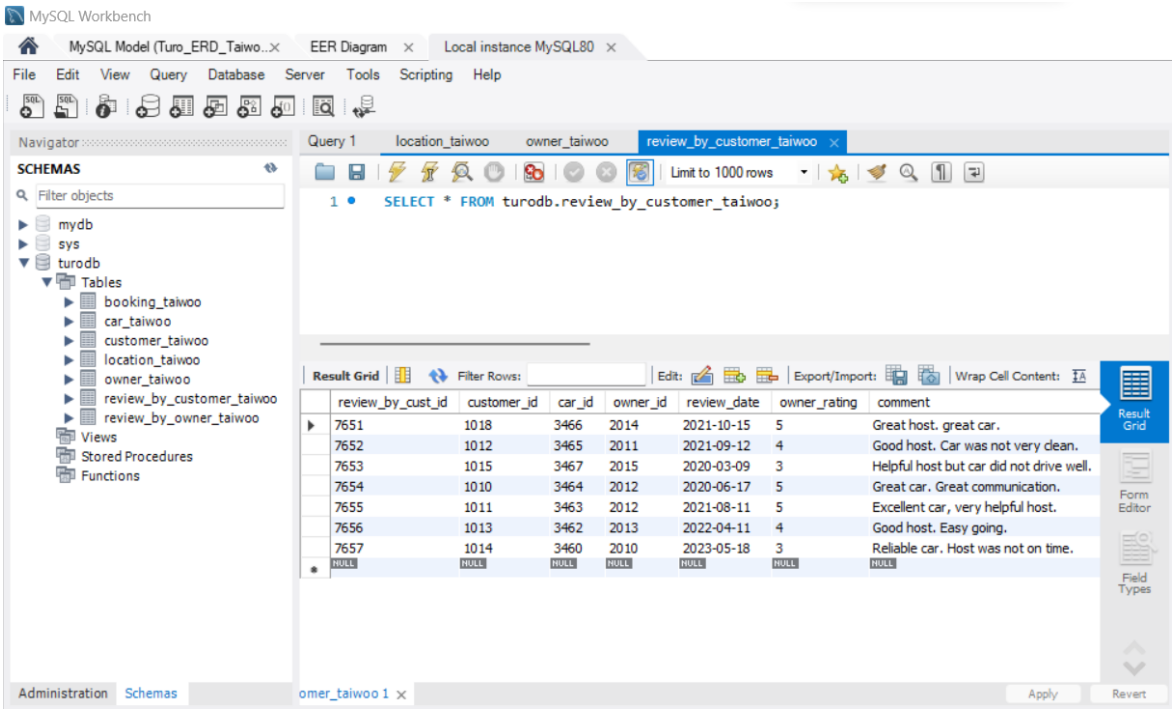
Car_TaiwoO table:



Booking_TaiwoO table:



Review_by_Customer_TaiwoO table:



Review_by_Owner_TaiwoO table: