Assumptions

- VIN and driver license are 10-digit integers.
- We assume the build year of the vehicle is between 1950 and 2025.
- We assume the description of a vehicle listing cannot exceed 255 characters (VARCHAR (255)).
- We assume the images in vehicle listings are stored as BYTEA.
- We assume that in TestDriveRecord, the feedback cannot exceed 255 characters.
- We assume that People store names separately in FirstName and LastName.
- We assume that SAGCustomer stores addresses divided into State, Street, City, and ZipCode.
- We assume that in BankFinancing, a value of TRUE for ProofOfApproval indicates that secured bank financing has been obtained.
- We assume that duplicate options cannot be selected in the aftermarket options that is, options with the same name but different IDs are not allowed.
- We assume that a "for sale" vehicle listing may contain multiple images, but it must contain at least one image. In addition, image cannot be the same for each vehicle.
- We assume that each vehicle can have at most one vehicle listing. In the case of a resale, it is sufficient to update the existing listing using the foreign key VIN.
- We assume that People can be both a SAGCustomer and a Salesperson at the same time.
- We assume that different customers may share the same phone number, as some might change their numbers without updating their records promptly.
- Due to the ambiguity of the description, we assume that the discount price refers only to the discount amount. We calculate the final price as:
 - Final Price = (Base Price Discount Price) + Aftermarket Options Cost Tradeln Vehicle Price (if applicable)
- Since the formula for calculating the trade-in value is unclear, we chose to store it directly in the Sale table, assuming a one-to-one relationship with each sale.

- We assume that payments will only set the balance to zero; if the balance is less than or greater than zero, the sale will not be marked as complete.
- Referencing "A vehicle can only be sold to one single customer" from the additional relationship constraints — since the statement is vague, we assume that once a vehicle is sold, it will not be sold again in any form. In addition, a car can only be sold to one customer in the Sale record.
- Since the trade-in price and discount might not be applicable, we assume that their values are set to be greater than or equal to 0.
- All entities that use a foreign key must be inserted **before** their referenced target entities within a transaction. This ensures that the "at least one" relationship is maintained. The clause for it is DEFERRABLE INITIALLY DEFERRED

