You are designing a system for a Road Freight Transportation company.  This company has a certain number of trucks and need to monitor the following attributes: brand, load, capacity, year, number of repairs.

The company has employees whose name, surname, and seniority are monitored. Some of the employees are drivers, for whom the category is additionally monitored, and part of them are mechanics, for whom the brand of vehicle they specialize in is additionally monitored.

When a truck breaks down, a record is kept of which mechanic  
repairs it and the estimated time for repair (in days).

The company operates by receiving shipments of certain weights and values from customers (tracked by name, address and two phone numbers) that need to be  
transported from the place of origin to the destination, for which the name is  
also tracked. In addition, the database should store each truck trip in terms of  
route (from-to), participation of drivers (up to two) and shipments being  
transferred (one or more of them).

**The Assignment**

Your assignment submission will be a working scenario In it you will:

* Have a working database complete with all the tables and columns.
* Implement CRUD functions to interact with every single table
* Write unit tests that covers the CRUD operations
* Write integration tests that covers the CRUD operations
* Bonus (3pts): create a migration so that there is at least 3 rows of data in each table.
* Include an Entity Relations diagram of your database design.

Rubrics:

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated