

Storing and Retrieving Data - Project Report

Developing a database for Turbo Empire



Group 6 :

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1. Description of Turbo Empire

This project will be focused on a fictitious car stand, Turbo Empire. The owners started their company in 2020.

The business concept revolves around selling new and used cars, to individuals and companies for a profit. Turbo Empire stands are in Carcavelos, Santarém and Leiria (where the headquarters are located). Currently, the company has 12 employees.

In the beginning of 2020, the company had a total of 60 cars (20 in Carcavelos, 20 in Santarém and 20 in Leiria).

Turbo Empire sets a sell price for each car (the price already includes VAT), but the final price is negotiable. After the purchase, the employee asks the customer to rate the service of the company (it is not mandatory to rate the service).

The clients also have the possibility to pay in multiple monthly instalments or prompt payment.

The log table consists of a summary of sales.

An invoice is issued for each car that the company sells, so even if a person buys 2 cars in the same day, at the same time, he will receive 2 invoices (for the purpose of example we only created one invoice).

Location	Address	Email	Phone Number	Responsible Person
Carcavelos	Rotunda Nossa Senhora dos Remédios, nº15	turboempirecarcavelos@turboempire.pt	214456234	Carla Albuquerque
Santarém	Largo do Infante Santo, nº13	turboempiresantarem@turboempire.pt	243446274	Bruna Albuquerque
Leiria (HQ)	Rua Francisco Clemente, nº10	turboempireleiria@turboempire.pt	244457248	Nuno Costa

General information about Turbo Empire:

- Registered company name: TurboEmpire
- Company website: www.turboempirecars.pt

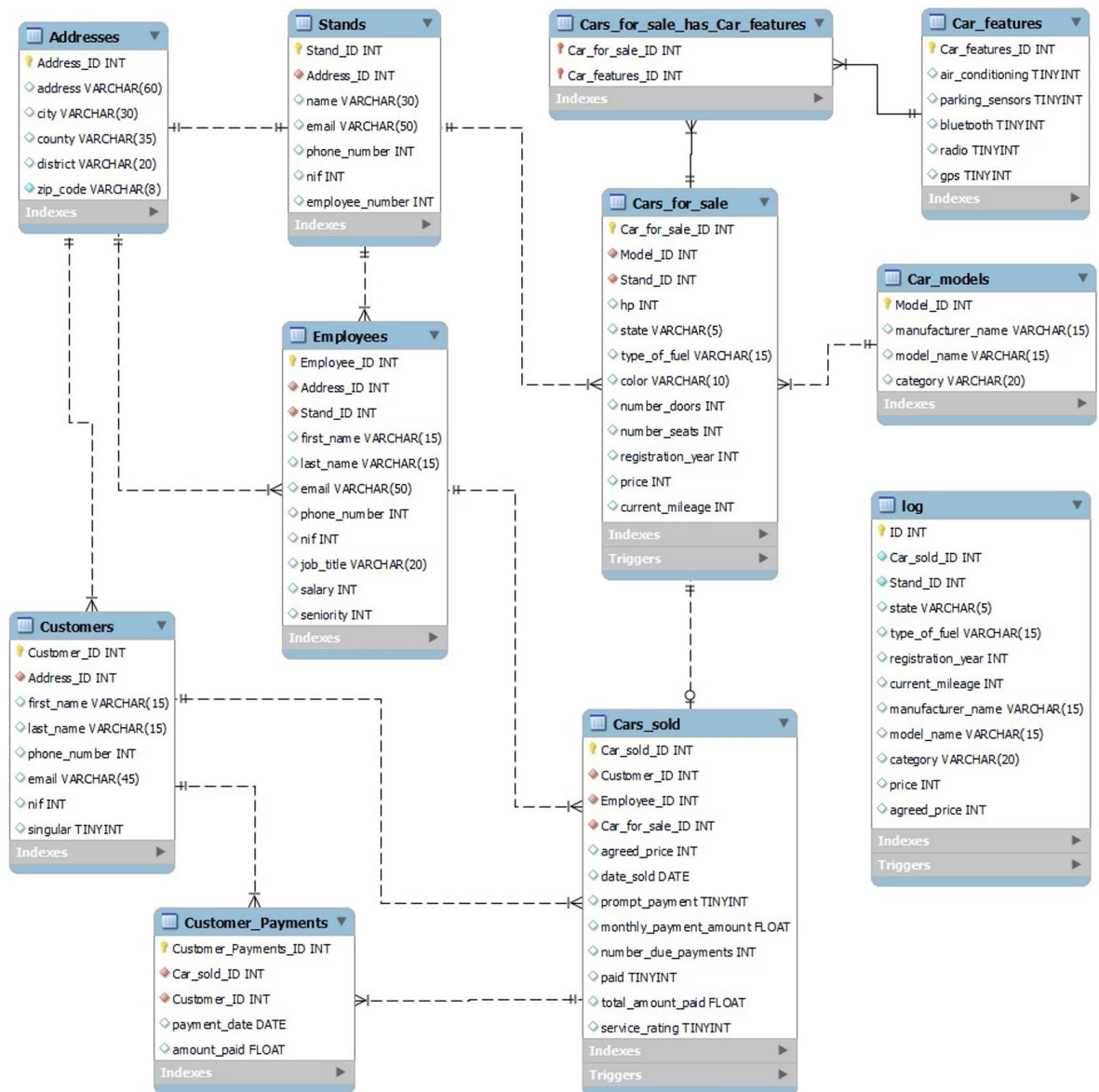


Figure 1: ERD Turbo Empire