

Database project : Travel agency

(Milestone 1)

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Project description

Our project aims to implement a database for a simple customer relationship management for a travel agency. Several travel agencies employ collaborators. These employees sell trips to customers. In our example, the trips are organized trips. They also have a begin date, a duration, a price and a category. The category can be e.g. cruise, road trip, safari, ...

Queries examples

1. List all employees and the number of trips they have sold in the last 12 months.
 2. Make a list of all employees working at a particular branch office.
 3. Which employee has sold most trips?
 4. Sales made by an employee.
 5. Make a list of the clients.
 6. List all clients by number of trips bought.
 7. Make a list of the clients who have reserved a trip.
 8. Make a list of all clients that have booked the same accommodation during a defined period.
 9. Make a list of the trips to a specific city/country.
 10. Make a list of the trips sold during a defined period.
 11. What is average duration/price of a trip?
 12. What is the preferred payment method for trips?
 13. List most popular months of travel (e.g. more trips in July than in November).
 14. Make a list of all accommodations in a country/city.
 15. Make a list of all accommodation types (e.g. hotel, vacation homes).
 16. What is the most popular accommodation (type) during a defined period?
 17. What type of accommodation/transport/activity types are most popular?
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On the next page, you find the ER-Diagram of this project.

ER-Diagram

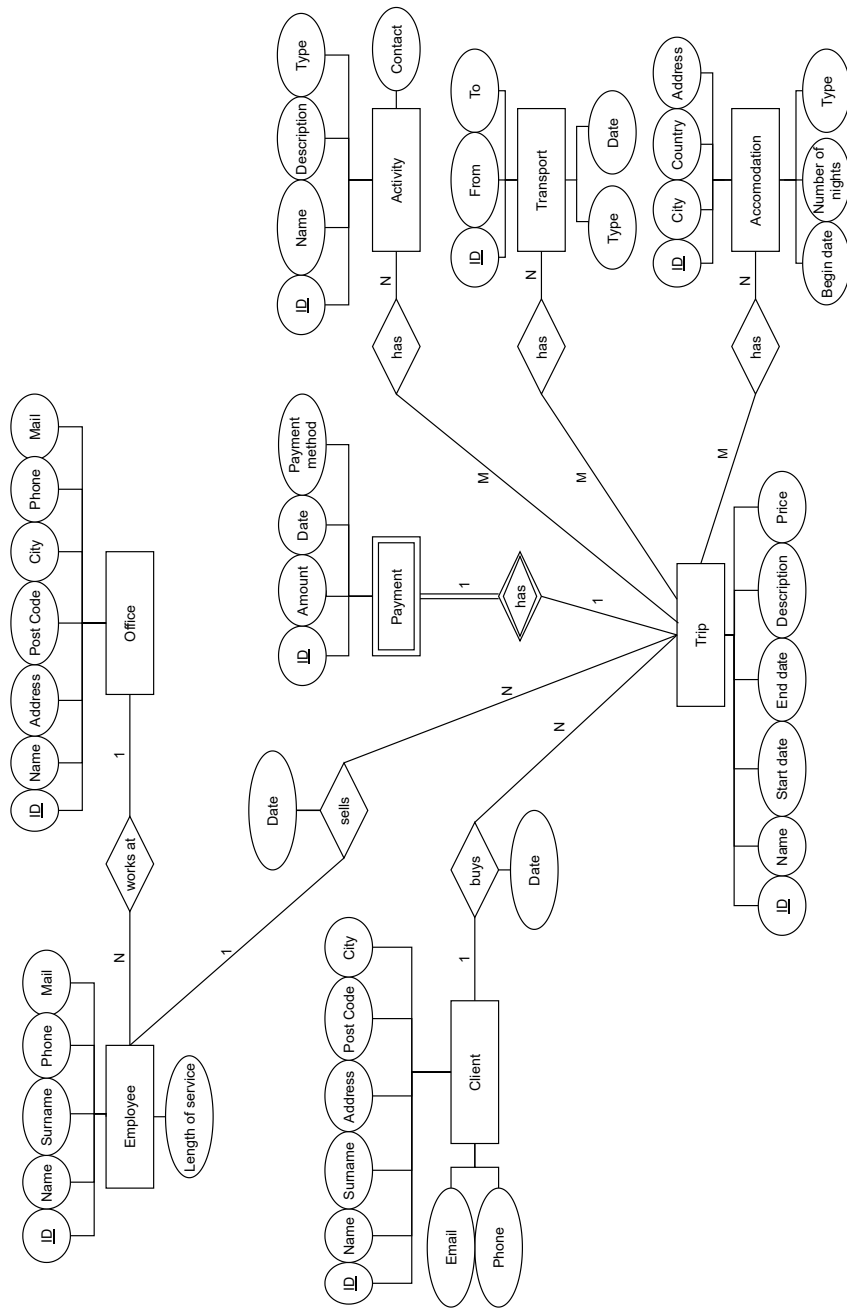


Figure 1: Travel agency ER-Model