

# Description of Data Base

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## 1 Description and Aim

A database stores information about trips, customers and employees. For each person we store personal and contact details. People's addresses are managed in separate entity called "Addresses". Addresses derive from City/Country entity to make the storage easier. For each trip we store information about duration of the trip, maximal number of participants and hotel. Moreover, each trip has obligatory connection with transport and address. Optionally, it can be connected to Attraction entity. Just like people, trip will derive from address entity to store exact information about trip location. Both trip and customer are connected via transaction entity. It stores information about IDs, price of the trip and payment status (if a customer already paid for the trip or not). Each entity will have unique ID to make management easier.

## 2 Entities and attributes

### Travel Agent

- name
- surname
- mail
- telephone
- agent ID

### Guide

- name
- surname
- mail
- telephone
- guide ID

### Customer

- name
- surname
- mail
- telephone
- customer ID

### Trip

- starting date
- ending date
- max. num. of participants
- hotel
- trip ID

### Transport

- mean of transport
- place
- date
- transport ID

### Attraction

- starting date
- ending date
- max. num. of participants
- attraction ID

### Transaction

- price
- payment status
- transaction ID

### Address

- street
- number
- mail code
- address ID

### City/Country

- country
- city
- country/city ID