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# LU03.A02 - ERM: Travel DB

### **Prerequisites**

Work type: Peer

• Means of aid: only teaching materials, no websearch, no use of ai.

• Timeframe: 10 Minutes

• Expected result: A Word/PDF file with an ERM that visualises the given business case.

#### Given business case

As overreaching goal, we want to manage our vacations. Therefore, the following information is to be stored in our database.

- which countries we visited so far
- how long we stayed in each country
- on which continent each country is located
- the price for each trip
- the date of each trip

## Task: Design a ERM

Analyse the given business cases and design an ERM that meets the requirements of the business cases below.

- 1. Identify the entities (tables)
- 2. Determine the attributes of each table, including the primary keys
- 3. Connect the base tables by adding relations to your data model
- 4. Determine the cardinality of the tables involved.

### **Solution**

Lösung

## Vocabulary

English	German
prerequite	Grundvoraussetzung



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