LU03.A04 - ERD: Travel DB

After developing our conceptional data model, the next step to establish a physical data base is shape a ERD, the Entity Relationship Diagram.

Prerequisites

- Work type: Peer
- Means of aid: only teaching materials, no use of ai.
- Timeframe: 10 Minutes
- Expected result: A Word/PDF file with an ERD that visualises the given business case.

Task

Create an ERD to the given ERM in the Crow's Foot Notation.

- Identify additional attributes
- Establish relation with inkl. the primary keys and foreign keys
- Connect the tables and finish your work by fixing the entities (0:1, :1, 0:n)

Given Details

1. Relationships:

- One-to-Many:
  - A Continent can have many Countries.
  - A Country can have many Trips.

2. ERM in Crow's feet notation

- Continent (1) ————< has >———— (∞) Country
- Country (1) ————< hosts >———— (∞) Trip

3. ERM visualisation

Vocabulary

English	German
prerequisite	Grundvoraussetzung
given	gegebene, vorausgesetzt

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