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Database Development and Use

11 July 2021

Milestone One

Case Study: Outland Adventures

Business Rules:

* One guide can have many customers
* One customer can have many supplies
* One trip can have many supplies
* One trip can have one guide
* One trip can have many customers

Assumptions:

* Guides are working solo
* The guides are both experts at all three trek locations
* The business has brick and mortar locations with warehouses for supplies storage in each location
* Guides already have their supplies needed for each location and will not need to log their supplies in the database
* The customers will not bring their own supplies to the trips. They will either buy or rent
* They have enough data from each location and bookings to observe trends within the data in order to make assessments

Initial ORD:

Diagram

Description automatically generated