Alpha Team

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Case Study: Outland Adventures

Business Rules:

* Outland Adventures offers guided hiking and camping trips to far-off places.
* The organization provides equipment for rent or purchase to customers.
* The company has four employees: Blythe Timmerson, Jim Ford, John 'Mac' MacNell, and D.B. 'Duke' Marland, who are responsible for organizing, planning, marketing, and equipment management.
* Dimitrios Stravopolous is responsible for maintaining the inventory of equipment and supplies.
* Mei Wong is responsible for developing an ecommerce site where customers can access information about Outland Adventures, check trip schedules, and purchase equipment.
* The company operates in three regions: Africa, Asia, and Southern Europe.
* The company is concerned about optimizing its operations and has several questions to answer about equipment sales, booking trends, and inventory age.

Assumptions:

* The company does not offer any other services apart from guided hiking and camping trips.
* The company's equipment inventory includes items such as tents, sleeping bags, backpacks, and other camping gear.
* The company operates in multiple locations within the three regions of Africa, Asia, and Southern Europe.
* The company's equipment rental and purchase prices vary based on the region and the length of the trip.
* The company's ecommerce site provides customers with detailed information about each trip, including the itinerary, location, and price.

Initial ERD: [Entity-Relationship Diagram]

A picture containing diagram

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