OUTLAND ADVENTURE CASE STUDY PRESENTATION CSD310 - 11.2 ASSIGNMENT



GROUP INTRODUCTION

Meet Our Team:

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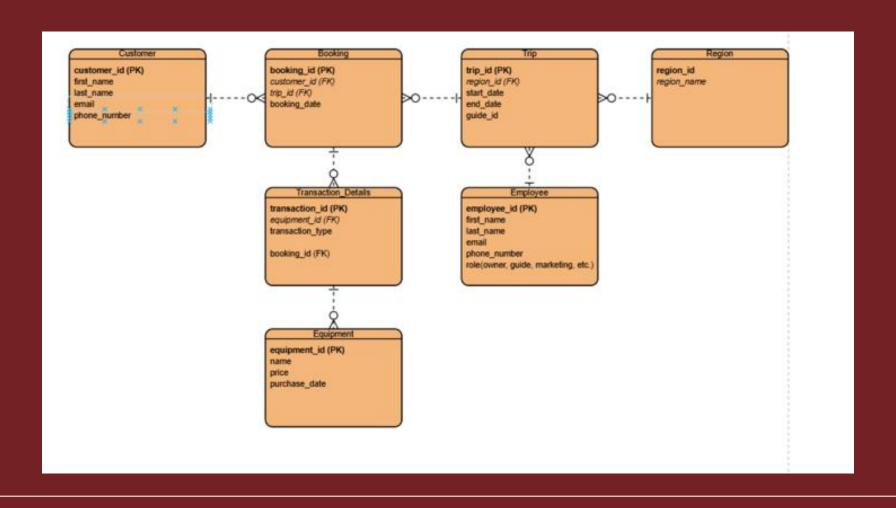
CASE STUDY OVERVIEW

OUTLAND ADVENTURE: BUSINESS

Founded by Blythe Timmerson and Jim Ford, outdoor enthusiast

- Initially part-time, but grew into a full-time adventure travel business
- Services: guided hiking/camping trips, gear sales & rentals
- Staff includes guides, marketing specialist, inventory manager, and new eCommerce developer

OUTLAND ADVENTURE: FINAL ERD



KEY GOALS

- Optimize operations
- Improve decision-making with data
- Analyze sales, trends, and inventory

KEY BUSINESS QUESTIONS

Outland Adventure asked us to help answer:

- 1. Are equipment sales worth continuing?
- 2. Are bookings declining in any specific region?
- 3. Are there aging inventory items needing replacement?

EQUIPMENT SALES VS RENTALS REPORT 1

Question: Do enough customers buy equipment to keep sales going?

What we measure:

- Total equipment sold vs rented
- Revenue from each

Assumptions: each transaction record included the type (sale/rental) and associated cost



REPORT 1 - SAMPLE OUTPUT

Insight: While rentals are more frequent, sales generate higher revenue. Maintaining both models is advisable.

BOOKING TRENDS BY REGIONREPORT 2

Question: Is there a downward trend in bookings in Africa, Asia, or Southern Europe?

What we measure:

 Annual bookings grouped by region and year

Assumptions: Bookings data contains region and date of trip



REPORT 2 – SAMPLE OUTPUT

Insight: Southern Europe is experiencing a clear decline. Consider reducing trips or increasing marketing there.

AGING INVENTORY - REPORT 3



Question: Are there inventory items over 5 years old?

What we measure:

- Equipment purchase date
- Current item age

Assumptions: The database includes each item's purchase date and unique ID.

REPORT 3 – SAMPLE OUTPUT



Insight: Several items exceed 5 years. Recommend replacement for safety and quality.

THANK YOU



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