7/16/2023

Group Members in Alphabetical Order:

Chris Kaiser, Estiven Hernandez, Juan Taylor, Julia Gonzalez, Michelle Choe

**Outland Adventures**

**Business Rules:**

Each client can have multiple equipment.

An equipment can only be used by one client.

An inventory can have many types of equipment.

An equipment can be held by only one inventory.

Each trip will have one guide. And each guide can lead multiple trips.

Each trip will have a single country destination. Each country can only host one trip.

Each client can book multiple trips. Each trip will have only one client.

**Assumptions:**

All equipment is used according to ‘first in, first out’.

Since there are two guides, there can only be two trips at a time.

Old equipment must be replaced by new equipment.

Clients can choose to rent or purchase equipment.

Past trips are saved for users to track potential sales.

**Revised ERD:**

A diagram of a computer

Description automatically generated

**Query #1 Python:**

A computer screen with text and numbers

Description automatically generated

**Query #1 Output:**

A screenshot of a computer

Description automatically generated

**Query #2 Python:**

**A screen shot of a computer code

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**Query #2 Output:**

**A screenshot of a computer

Description automatically generated**

**Query #3 Python:**

**A computer screen shot of a computer

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**Query #3 Output:**

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**Query #4 Python:**

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**Query #4 Output:**

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**Query #5 Python:**

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**Query #5 Output:**

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**Query #6 Python:**

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**Query #6 Output:**

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**Query #7 Python:**

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**Query #7 Output:**

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