Team Name: The Outlanders

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Module 10.2 Assignment

Milestone #1

CSD310-330H\_2225\_DD

Database Development and Use

Date: July 5, 2022

Case Study Selected

Outland Adventure

Assumptions

Owners are considered in the employee table

Each destination has its own flat airline fee

Only new equipment is purchased to sell or rent

Card number represents payment information customer would provide

Every customer and employee on a trip is going on all excursions

Items include equipment, supplies, and safety essentials

Tabel Draft

Employees

first name

last name

nick Name

job title

job description

start date

end date

Job Responsibilities

roles

Destinations

trip locations

visa requirements

inoculations requirements

airfares fees

Trip Required Items

trip ID

excursion ID

Trip

destination

start Date

end Date

Excursion per trip

trip ID

excursion ID

Excursion

start Date

end Date

start Time

end Time

Orders

customer

trip

Items

date acquired

expiration

item Type

last maintenance

is available

Customer Orders

item id

customer id

out Date

in date

rent

buy

Employee Orders

out date

in date

item id

Customers

first name

last name

card number

emergency contact

Visa

travel purpose

country

visa number

travel requirements

Inoculation

inoculation type

date administered

date expires

Business Rules

EMPLOYEE will have many RESPONSIBILITIES

EMPLOYEE will have many TRIPS

EMPLOYEE will have many EMPLOYEE ORDERS

EMPLOYEE will have many VISA

EMPLOYEE will have many INOCULATIONS

TRIP will have many EMPLOYEES

TRIP will have many CUSTOMERS

TRIP will have many EXCURSIONS

TRIP will have one DESTINATION

TRIP will have many ITEMS

CUSTOMER will have many TRIPS

CUSTOMER will have many CUSTOMER ORDERS

CUSTOMER will have many VISA

CUSTOMER will have many INOCULATION

ITEMS ms will have many customer orders

ITEMS will have many employees orders

ITEMS will have many TRIPS

VISA will have one CUSTOMER

VISA will have one EMPLOYEE

INOCULATION will have one CUSTOMERS

INOCULATION will have one EMPLOYEES

EXCURSIONS will have many TRIPS

DESTINATIONS will have many TRIPS

RESPONSIBILITIES will have many EMPLOYEES

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