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CSD 310

Professor Sampson

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Module 9.1: Milestone #1

Case Study Selected: Case Study 2: Outland Adventures Study

Business Rules:

* EMPLOYEE has one EmployeeID
  + Employee has one EmployeeName
  + Employee has one Role
  + Employee has one EmployeeContactInfo

\*\*Assumption is employee has one role.

* Trip has one TripID
  + Trip has one CustomerID
  + Trip has one Destination
  + Trip has one TripCost
  + Trip has one DepartureDate
  + Trip has one ArrivalDate
  + Trip has one EmployeeID

\*\*

* Supply has one SuppliesID
  + Supply has one ItemDescription
  + Supply has one SupplyPricetoBuy
  + Supply has one SupplyPricetoRent
  + Supply has one AcquiredDate
  + Supply has one SupplyStatus
  + Supply has one TripID

\*\*Assuming Supplies can’t be used on multiple trips.

* Customer has one CustomerID
  + Customer has one Name
  + Customer could have multiple TripID(s)
  + Customer has one CustomerContactInfo

\*\* Overall Assumptions: 1) Relationships between each group is an assumption (Ex. Guide/Employee could have multiple trips. 2) Supply could have a NULL tripID if it hasn’t been bought or rented.

ERD Screenshot: A screenshot of a diagram

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