Linh Pham, Keith Le, Ria Vadhavkar, Ethan Vasquez, Tony Phonemany, Mark Dang
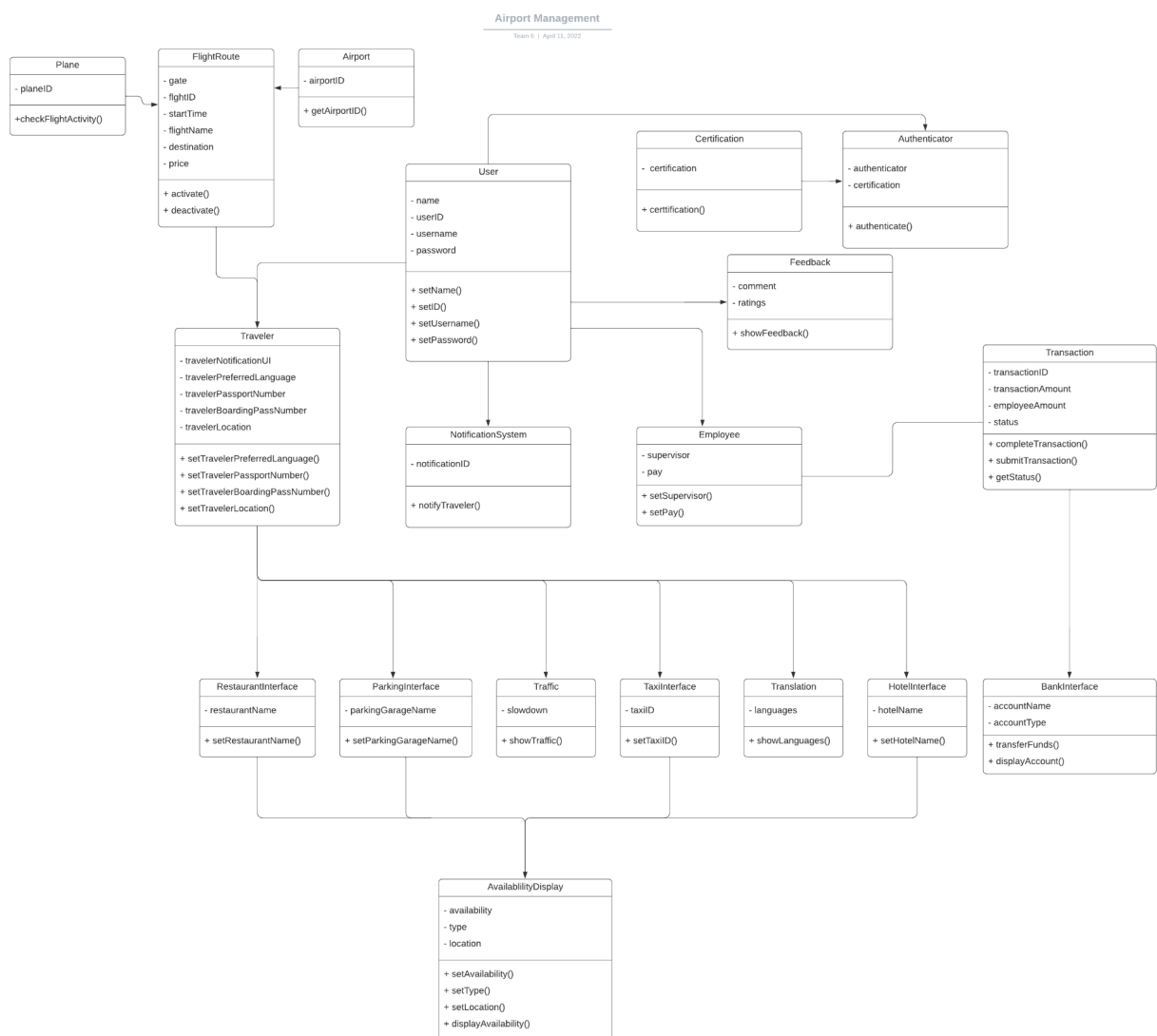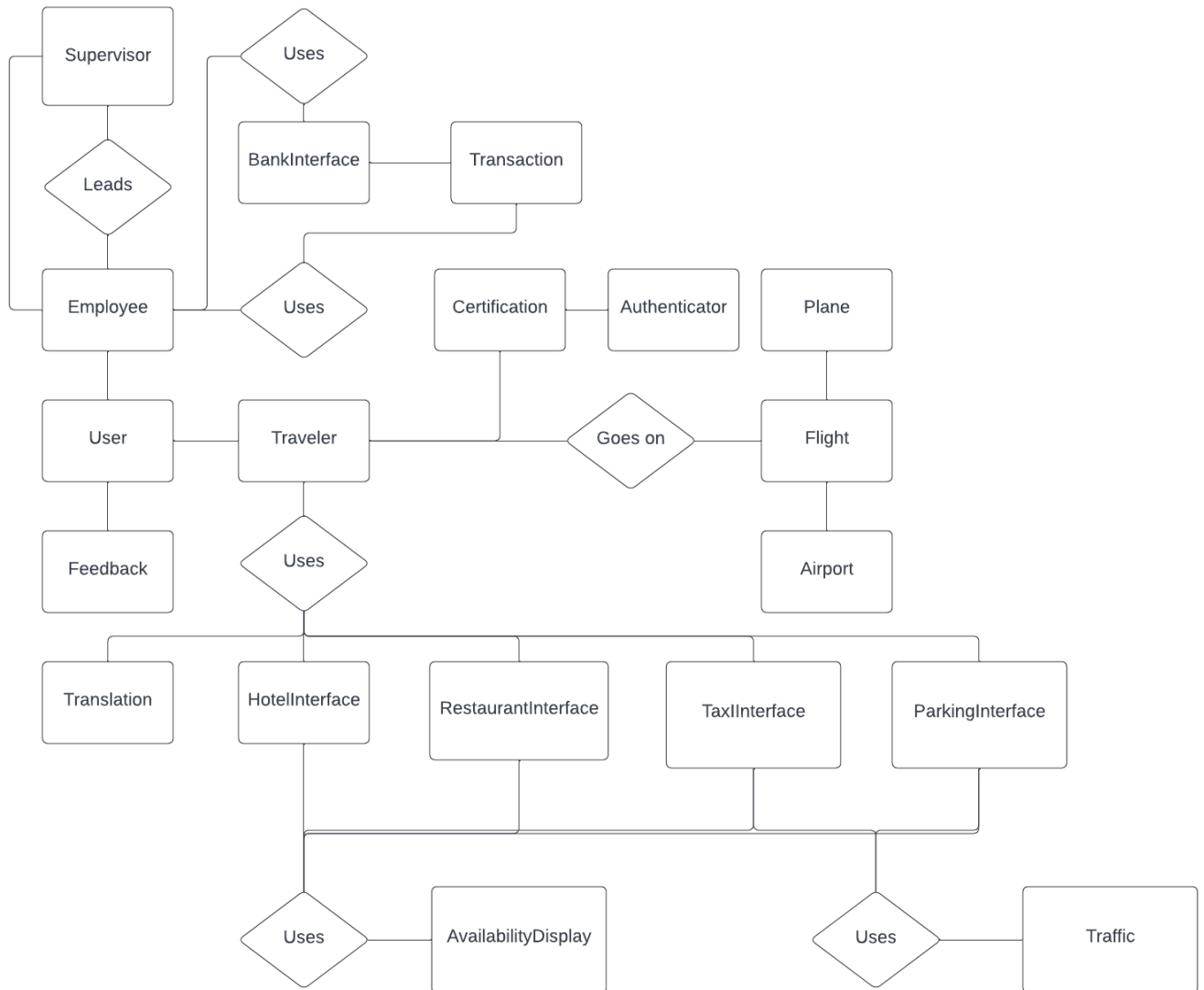
Professor Meng

CS 3704

6 April 2022

Design I - Airport Management

Class Diagram:

ER Diagram:

Database Diagram:

Users
- UserID
- userName
- password
- travelerID
- employeeID
- isTraveler
- isEmployee
- feedbackID

Payments
- PaymentID
- userID
- bankaccountID

BankAccounts
- BankAccountID
- amount
- transferFund
- authenticator
- certification
- username

Travelers
- TravelerID
- travelerName
- travelerPassportID
- airportID
- travelerBoardingPassID
- travelerLanguagePref
- flightID

Airports
- AirportID
- locations
- address

Feedbacks
- FeedbackID
- comment
- rating

Services
- ServiceID
- travelerID
- restaurantID
- hotelID
- transportationID

Flights
- FlightID
- flightName
- gateID
- destinationName
- flightPrice

Employees
- EmployeeID
- payAmount
- supervisor

Restaurants
- RestaurantID
- name
- address

Transportation
- TransportationID
- name
- availability
- location

Hotels
- HotelID
- name
- address

Workforces
- WorkforceID
- airportID
- employeeID
- restaurantID
- transportationID
- hotelID
- flightID