

## **CS:4400 Query Description**

### **Team #5**

1. Given trip type, From, To, Depart, Return and # of passengers find all flights satisfying those criteria (Applies to Round trip, One way, Multi city)
2. Given the trip, get the baggage, fare, and classes options
3. Given advanced details about a flight, find all flights that satisfy all the requirements
4. Get the number of available seats for a flight and get ticket number for passenger after booking
5. Given first name, last name, and record locator, find person's trip (no login required)
6. Given From, To, Date, find all flights on that day ordered by time
7. Given username, last name, password, validate the user
8. Given From and To, find all connecting flights with a reasonable gap in between them
9. Given a user, extract their information to display, such as upcoming flights, my trips, etc.
10. Given a user cancelling their flights add those seats back to their flights
11. Given a flight, check how many hours until that flight, if already happened, or if there is a delay
12. Fetch all the user's trips and check if the user already book the same flight before
13. When changing the flight, get similar connection available (same day, next day max)
14. CRUD - Get all aircrafts and their information to display on admin panel
15. CRUD - Get all flights that exists in the database to display on admin panel
16. As an admin get a list of passengers for a specific flight
17. Get the newest 3 news, pictures, headlines, and text to display on the main pages