

## CS:4400 Query Descriptions

### Team #5

1. Given From, To, Depart, Return, and # of passengers find a round trip

Book	Your trips / Check in	Flight status
<div><div>Flight</div><div>Vacation packages</div><div>Hotel </div><div>Car </div></div> <div><div><input checked="" type="radio"/> Round trip</div><div><input type="radio"/> One way</div><div><input type="checkbox"/> Redeem miles</div></div> <div><div>From</div><div>To</div><div>Number of passengers</div></div> <div><div><input type="text" value="CID"/></div><div><input type="text" value="City or airport"/></div><div><input type="text" value="1"/></div></div> <div><div>Depart</div><div>Return</div><div><div>Search</div></div></div> <div><div><input type="text" value="mm/dd/yyyy"/></div><div><input type="text" value="mm/dd/yyyy"/></div></div> <div><div>Bag and optional fees »</div><div>Advanced / Multi-city search »</div></div> <div><div>Changes to checked bag fees and allowances »</div></div> <div><div>ID requirements are changing »</div></div>		

2. Given From, To, Depart, and # of passengers find a one way trip

Book	Your trips / Check in	Flight status
<div><div>Flight</div><div>Vacation packages</div><div>Hotel </div><div>Car </div></div> <div><div><input type="radio"/> Round trip</div><div><input checked="" type="radio"/> One way</div><div><input type="checkbox"/> Redeem miles</div></div> <div><div>From</div><div>To</div><div>Number of passengers</div></div> <div><div><input type="text" value="CID"/></div><div><input type="text" value="City or airport"/></div><div><input type="text" value="1"/></div></div> <div><div>Depart</div><div><div>Search</div></div></div> <div><div><input type="text" value="mm/dd/yyyy"/></div></div> <div><div>Bag and optional fees »</div><div>Advanced / Multi-city search »</div></div> <div><div>Changes to checked bag fees and allowances »</div></div> <div><div>ID requirements are changing »</div></div>		

3. Given multiple From, To, Depart, Time of Day, and # of passengers find a multi city trip (Ignore Time of Day Field)

<div><div>Round trip</div><div>One way</div><div>Multi city</div></div> <div><div></div><div>Book a round-the-world trip with <a href="#">oneworld Explorer</a> </div></div>			
Flight 1			
<div>From •</div> <div><input type="text" value="CID"/></div> <div><input type="checkbox"/> Include nearby airports</div>	<div>To •</div> <div><input type="text" value="City or airport"/></div> <div><input type="checkbox"/> Include nearby airports</div>	<div>Depart •</div> <div><input type="text" value="mm/dd/yyyy"/></div>	<div>Time of day</div> <div><input type="text" value="Early Morning"/></div>
Flight 2			
<div>From •</div> <div><input type="text" value="City or airport"/></div> <div><input type="checkbox"/> Include nearby airports</div>	<div>To •</div> <div><input type="text" value="City or airport"/></div> <div><input type="checkbox"/> Include nearby airports</div>	<div>Depart •</div> <div><input type="text" value="mm/dd/yyyy"/></div>	<div>Time of day</div> <div><input type="text" value="Early Morning"/></div>
<div><div>⊕ Add another flight</div></div>			

4. Given flight ID, get the fare and classes options


CID  
11:23 AM

→

ORD  
12:37 PM

1h 14m

Nonstop

AA 3014  CR7-Canadair RJ 700  
Operated by SkyWest Airlines As American Eagle

[Details](#) | [Seats](#)

Round trip  
\$259

Round trip  
\$329

Round trip  
\$557

5. Get seats for a flight

A	B		C	D
		4		
		5		
		6		
		7		
		8		
		9		
		10		
		11		
		12		
		13		
		14		
		15		
		16		
		17		

6. Given first name, last name, and record locator, find person's trip (no login required)

Book


[Your trips / Check in](#)

Flight status

Check in beginning 24 hours and up to 45 minutes before your flight (90 minutes for international).

Passenger first name \*

Passenger last name \*

Record locator \* 

Find your trip

7. Given From, To, Date, find all flights on that day ordered by time (no login required)

Book

[Your trips / Check in](#)

[Flight status](#)

Search by: 

Cities


Flight number


( \* Required)


From \*

To \*

Date

City or airport 

City or airport 

Monday, March 2 

Search

8. Given flight number and Date, find the flight (no login required)

[Book](#) [Your trips / Check in](#) [Flight status](#)

Search by: [Cities](#) [Flight number](#)

( • Required)

Flight number •

Date

[Search](#)

9. Given AAdvantage # or username, password, validate the user  
(Ignore Last Name. It's not actually used on the website for validation. Weird.)

[Log in](#) [Join AAdvantage »](#)

AAdvantage # or username

Need AAdvantage number? »


~~Last name~~

Password


Need password? »


☐ Remember me [Log in](#)

10. Given admin username and admin password, validate admin account

**American Airlines** 

Welcome

AA ID  

Password  

[Forgot Password?](#)

[Login](#)

[First time user?](#) [Usage terms](#)

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11. Given From, To, and Date, find all connecting flights with a reasonable gap in between them

Sort by: Relevance

ORD - Chicago OHare International  
LHR - London Heathrow

CID KRK 22m 25m  
6:05 AM → 11:30 AM [2 stops](#)

Round trip  
\$1,387

CID - ORD ■ AA 3050 ■ CR7-Canadair RJ 700  
Operated by SkyWest Airlines As American Eagle

ORD - LHR ■ AA 90 ■ 788-Boeing 787

LHR - KRK ■ BA 872 ■ 319-Airbus A319

⚠ Overnight flight or connection. Change terminals. The class of service you searched may not be available on one or more flights

[Details](#) | [Seats](#)

12. Given a user, extract their information to display, such as upcoming flights, my trips, etc.

We can't take a screenshot of this because we don't have any plane tickets

13. Given a user cancelling their flights add those seats back to their flights and remove a booking

Happens on the back-end

14. When changing a flight, get similar connection available (same day, next day max)

We can't take a screenshot of this because we don't have any plane tickets

CRUD operations on admin panel (4 queries for each one – Create, Read/Get, Update, Delete)

15. CRUD - Users and display their information to on admin panel

16. CRUD - Payments and display their information to on admin panel

17. CRUD - Bookings and display their information to on admin panel

18. CRUD - Flights and display their information to on admin panel

19. CRUD - Schedule and display their information to on admin panel

20. CRUD - Airports and display their information to on admin panel

21. CRUD - Aircrafts and display their information to on admin panel

22. CRUD - News and display their information to on admin panel

23. CRUD - Contact Us and display their information to on admin panel

All these will be happening on the admin panel. Only the airport staff will have access to these queries. Not possible to take screenshots of these screens since we are not AA employees.

24. Get the latest news, pictures, headlines, and text to display on the main page

## Today's specials



### Bonus miles with AA Vacations

Earn 20,000 bonus miles at Hard Rock Hotels, Nobu Hotels, or Unico Riviera Maya

[Book your vacation by March 4](#)



### Rent a car with Avis or Budget

Save up to 35% off base rates and earn miles

[Reserve a car today](#)



### Fly nonstop to Poland

New service to Kraków from Chicago O'Hare start May 7

[Search and book your flight](#)

25. Get the contact information and email address to display on the main page

[Home](#) > [Contact American](#) > [Reservations and ticket changes](#)

## Reservations and ticket changes

### Flights

#### Within the U.S. and Canada

Trips ticketed by our reservations offices, airport ticket counters or travel centers in certain countries or regions are subject to a service charge.

[Ticketing and other fees »](#)

Language	Phone	Hours (CT)
English	800-433-7300	24 hours
Spanish	800-633-3711	24 hours
French	800-756-8613	7 a.m. – 6 p.m.
Portuguese	866-824-8717	6 a.m. – 7 p.m.
Creole	800-833-5767	7 a.m. – 4 p.m.
Japanese	800-237-0027	24 hours
Mandarin Chinese	800-492-8095	24 hours
Hearing & speech impaired	Dial 711 to be connected through the National Relay Service	24 hours

### Worldwide phone numbers

Not all international calls are toll free. Rates for calls from a cell phone may be higher than calls from a landline. In some locations, a General Sales Agent (GSA) may handle marketing, ticketing, sales and reservations on behalf of American Airlines.