



# Lion Lift

# Meet the Team



**Chase**  
SEAS '25



**Emile**  
SEAS '26



**Layanne**  
SEAS '25



**Adam**  
SEAS '26

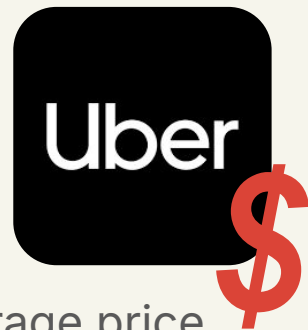


**Chloe**  
GS '25



**Brandon**  
GS '25

# Problem



- Lack of affordable transportation to the airport in NYC. The average price for an uber or lyft to the airport is **\$70-100**
- Public transport often comes with **delays** or **confusion** and is inconvenient for students who have several suitcases as it requires **3-4** train transfers. Taking the subway, LIRR/NJ Transit, and Airtrain can easily cost **\$20+**
- No community-centric solution for students taking rides to/from campus



Luisa Aguilar

Anyone going...jfk tomorrow (5/10) at aroun...



Ellie Yan

Hi is anyo...JFK this Wednesday in the mor...



Rayan

Hi guys, woul...JFK may 1



Betel

Anyone going to jfk around 8:30?



Esther 2

Anyone down to split a ri...JFK at 10am Frid...



sabera

...lga tomorrow mor

Nicolas Alarcon

Anyone at LGA and wants to split an Uber?



Nathan Kim

Anyone going to JFK tmr @ 7am?



Jackie :) (she/her)

Longshot...lga tmr at 5am? (



Vanessa Ajualip

Does anyone want to split ...LGA today at 4...



Nicole Vieira Pires

Anyone at EWR at 11ish to split an uber?



Reda Shaikh

...jfk thursday around 2



Jonathan Navia

anyone going to jfk tomorrow at around 3 p...



Ece Doğramacı

Is anyo...JFK around 3:00 pm on Friday (05...



tyra manning

anyone going to LGA m

going to jfk on Saturday around 7 A...



Avishi Agastwar

Anyone leaving to JFK sometime today?



Pratik Shah

Anyone going to JFK at 4am tomorrow?



Daniel Jeong

Anyone going to JFK today (12/23)?



Alex Seo

ifk rn and wanna split Uber to campus pls



Lynnn

# Pain Points Addressed

**Cost-  
effective  
rides**



Match students heading to/from the same airport to split costs among fellow students

**Flexibility**



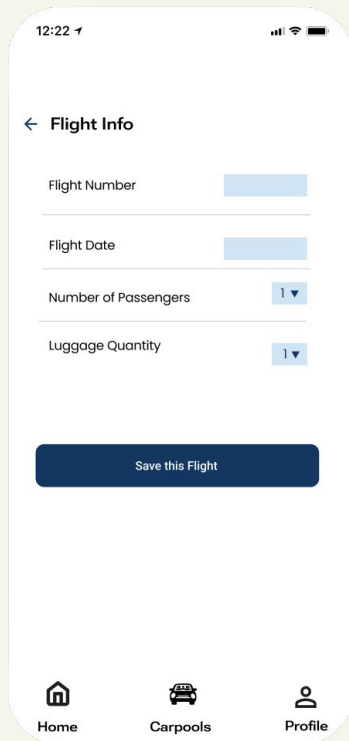
Students can schedule rides tailored to flight times, ensuring they arrive at the airport on time

**Safety**



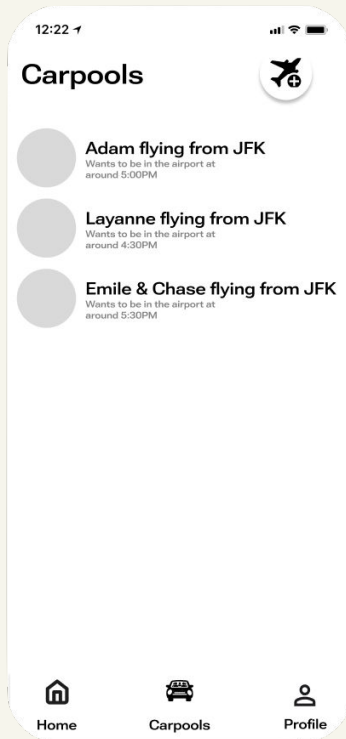
Connect with a Columbia student for safer travel

# Features



## Flight Information Integration

Students can input their flight details to schedule rides conveniently

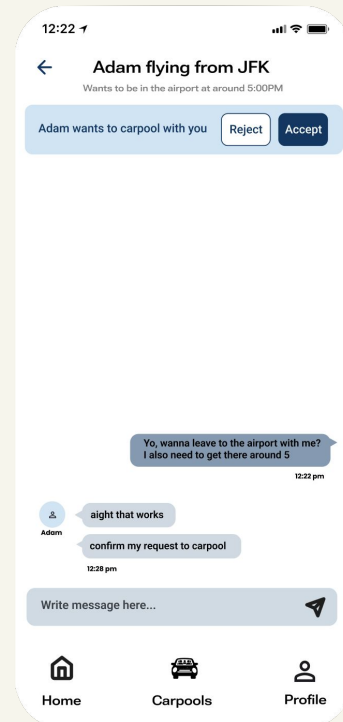


## Matching

Lion Lift matches students with similar travel schedules

## Chat & Coordinate

Students can use in-app messaging to request, accept, or reject a carpool and finalize ride details, such as pickup locations.



# Frameworks & APIs



SwiftUI



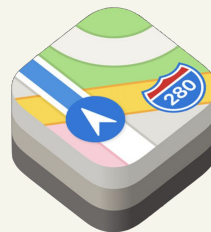
Firebase  
DB



Firebase  
Auth



RapidAPI  
-Weather  
-Flights

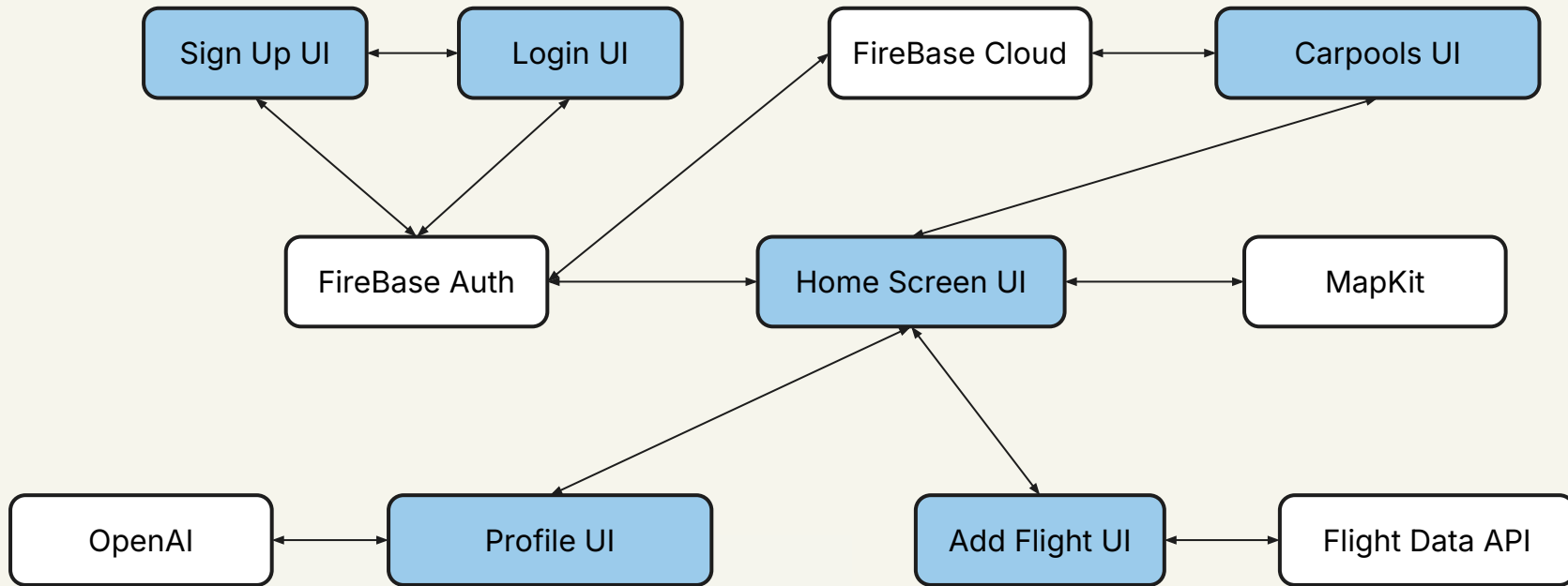


MapKit



OpenAI

# Lion Lift Architecture





# Main Competitors

## Uber Share

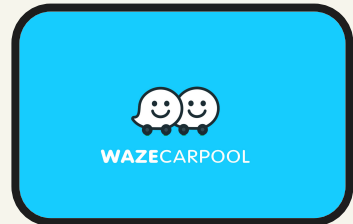


**Longer Routes:** multiple stops

**Low Savings:** Up to 20% discount

Pairs riders with strangers

## Discontinued Carpool Services:



# What Makes Us Unique

## Modern UI

minimalistic,  
user-friendly interface  
designed for ease of use

## Safety-First

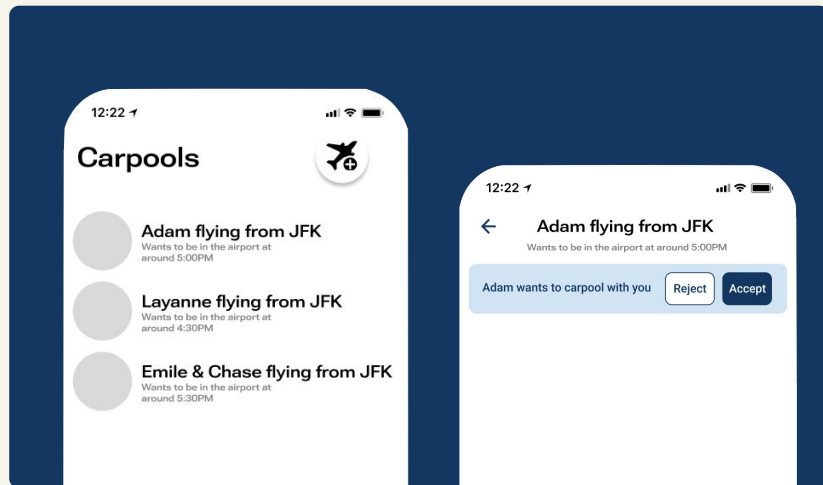
Ride exclusively with  
verified Columbia  
students

## Student-Centric

tailored specifically for  
campus environments

## Eco-Friendly

Promotes carpooling to  
reduce carbon footprint



# App Demo



# What's Next?

## Real-time Updates

for flight time changes through notifications



## Loyalty Rewards

a points system for frequent travelers, redeemable for discounts.



## Expansion

to other universities across the U.S.