



DSCI454

Final Presentation



Ride Duo

Group 1 Carol Hu, Bruce Li, Sonan Zhang



Crime Alert - Attempted Robbery

Reported Offense: Attempted Robbery



Timely Warning Crime Alert - Sexual Battery/Fondling

Content warning: this warning addresses a report of sexual assault available on and off campus to provide assistance. Visit <https://eeotix.usc.edu/report/confidential-and-private-resource-and-support>.

REPORTED OFFENSE : Sexual Battery/Fondling

DATE & TIME OF OCCURRENCE: 03/09/2022 3:55 p.m. - 03/09/2022 4:00 p.m.

LOCATION: Off-Campus, north of 32nd Street on the westside of 32nd Street on the southside of 32nd Street

REPORT NUMBER: 2200823, 2200826



Timely Warning Crime Alert - Attempted Burglary

Reported Offense: Attempted Burglary

Date & Time of Occurrence: 04/15/2022 5:45 a.m.

Location: Off campus at the Pacific Apartments at 2637 Severance Street

Report Number: 2201362

Incident Description: A student was awakened by the sound of someone trying to open his ground floor bedroom window. When the student approached the window, he was seen by the suspect who fled south on Severance Street.

Vehicle Description: None

49,500

Total Enrollment (Fall 2020)

60%

Lives off-campus

5-7

Trojan Alerts notifications/week



Individual Houses
outside of lyft
program
coverage



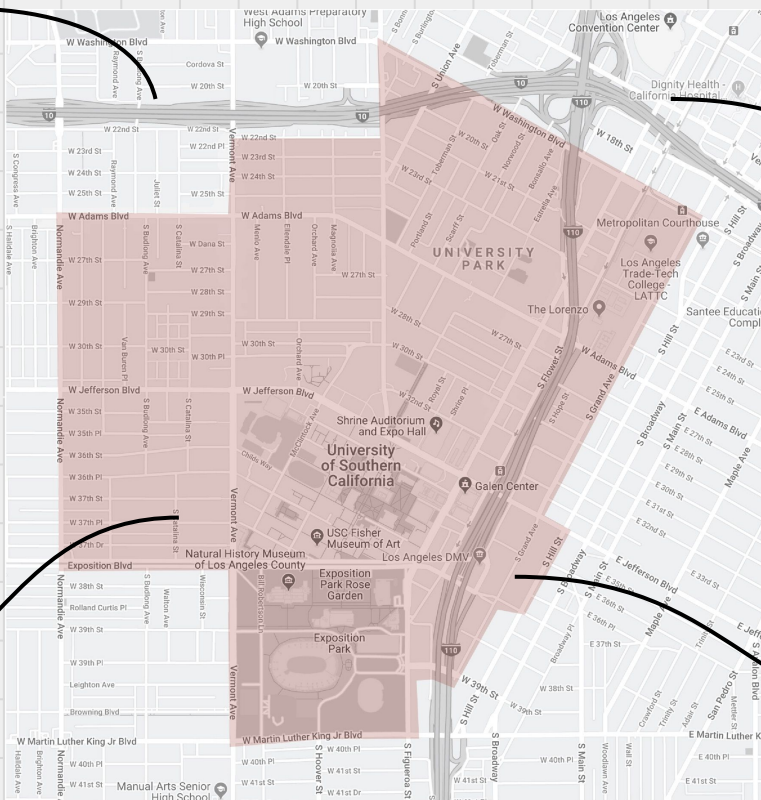
Downtown/ Ktown
apartments



Student
apartments:
Icon/Tuscany



Individual Houses
within the lyft
program
coverage



Call
uber
Safety
Ktown
Wait and Save
Walk
Cost
Flexible
Lyft Program
Incidents
Skateboard
Trojan Alert
Tuscany
DPS
Drive
Scooter
Email
Parking Fee
Distance
worried
Shared transportation
upset
Student apartments



How Might We make students living off campus spend less and feel safer commuting to campus?

1. Happy about the current Lyft programs; would like to extend



1. Feel unsafe walking to and from campus, especially at night
2. Student who drive: expensive parking fee
3. Student who call uber: recurring cost, unsustainable
4. Trojan alert is only informative

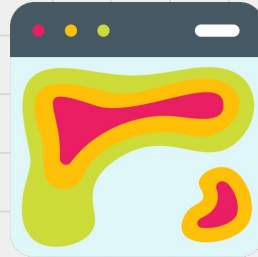
Car pooling? In what way? How to reduce parking fee?



Key Feature #1: Rider side ride request



Key Feature #2: Driver side ride match



Key Feature #3 (Visualization): Trojan Alert Heatmap

App Architecture

Onboarding
Sign up/ Log in

Driven Side
Students who
provide ride

1. Ride request

2. Trojan Alert
Visualization

Riden Side
Students who
request ride

1. Match ride request

2. Trojan Alert
Visualization

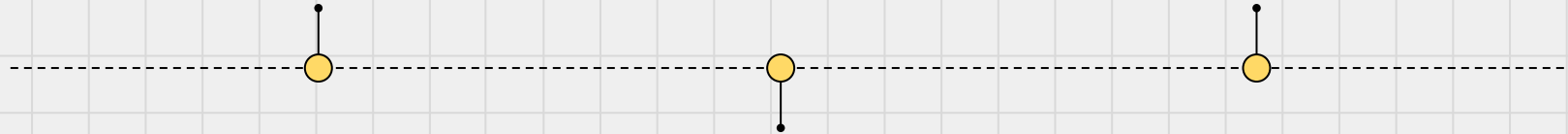
Design iterations

Initial wireframe:

- Simple login/sign up process
- Rider side: request ride
- Driver side: match ride request

3rd and ongoing iteration:

- Add transition animations
- Create wireflow for story-telling
- Work on details



2nd iteration:

- Add onboarding texts and images
- Consolidate design style
- Add Trojan alert visualization

Register as a driver

Personal information

Full Name
First and Last

Address 1
Apt Num/Street/etc.

City

State

Date of birth

Mobile Number

Email

Back Next

Register as a Driver

Full Name
First and Last Name

Email Address
Please enter your USC email

Mobile Number
XXXXXXXXXX

USC ID Number
Enter your 10 Digit USC ID Number

Password
Length must be at least 8 characters

Back Next

Register as a driver

Address

City

State

Back Next

Signup page

- Break signup page into two: avoid clustering of texts
- Add USCID as an input to verify student identity

Driver side: match ride request...

Ride Duo

Match ride request

Select direction

Are you offering a ride to campus or from campus?

To Campus

From Campus

Back Next

Driver side: match ride request...

Ride Duo

Match ride request

Are you offering a ride to campus or from campus?

To Campus

From Campus

Back Next

Driver side: match ride request

- Replace profile photo with progress bar: inform current status

Rider side: matched ride details

- Include driver information to improve security
- Change design styles

User side confirmation Page 4

Ride Duo

Matched Ride Details

Your Driver

Bruce Li

Time: 10:00 AM

Pick up location: 3212 W 36 Pl

Drop off location: 1202 E 38 St

Return to Home

Home Rides Account

User side matched ride confirm...

Ride Duo

Matched Ride Details

You will be picked by

Bruce Li

1.0 - New Driver to Ride Duo

Senior USC Match Data Pick

Trip Details

When Mon-Wed 7:00-7:30 am

From 850 Washington Blvd

To USC Taper Hall

Close

Home Rides Account

Onboarding

Loa...



Loa...



Wel...



Get...



He...



Reg...



Driver side

Dri...



Dri...



Dri...



Dri...



Dri...



Dri...



Dri...



Dri...



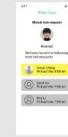
Dri...



Dri...



Dri...



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Dri...



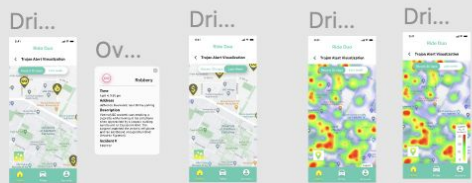
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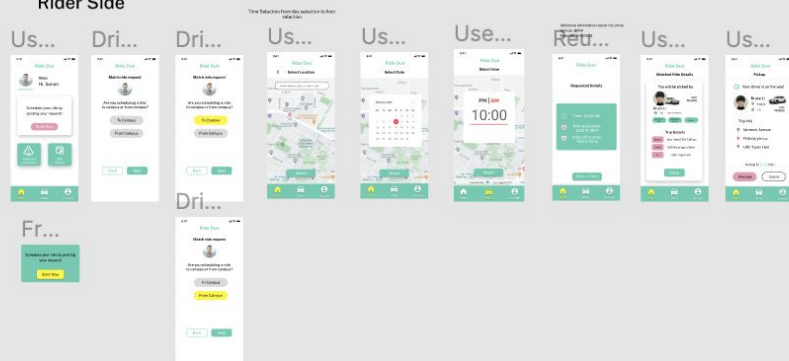
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Heat Map



Rider Side

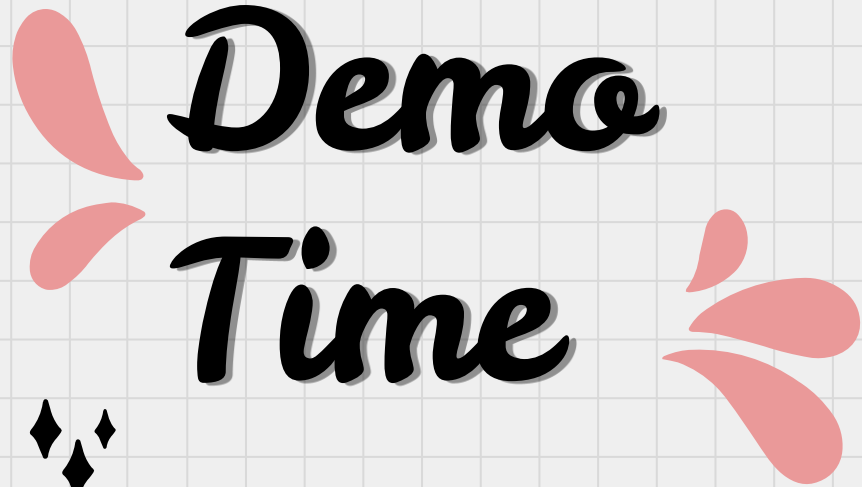


◊ *

Demo

Time

✦ ✦ ✦

The text "Demo Time" is written in a large, black, cursive font with a slight shadow. It is surrounded by decorative elements: a pink teardrop shape to the left of "Demo", another pink teardrop shape below it, a cluster of three pink teardrop shapes to the right of "Time", a small black diamond shape above the "D", a small black asterisk above the "o", and a cluster of three black diamond shapes below the "T".

Question



Recommend to the USC administration?

Riders pay a fixed subscription fee?



*Thank
you!*

Music by Sonan