



Commuter Assist

Stefan Kapetanovic - Team Manager

Rusty Griggs - Lead Designer

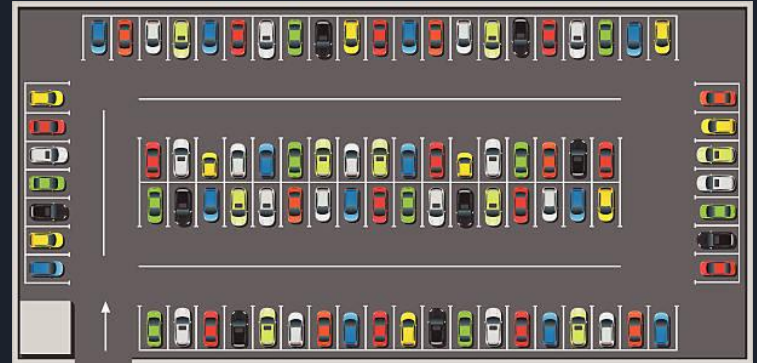
Warren Schweiger - Head of Communications and PR

Alec Adair - Lead Tester and Head of QA

Problem Overview

Commuting and parking is a tough issue for many people

- Parking Lot Space Limitations
- No Where to Find Real-Time Parking Info
- Information Concerning Public Transportation
- Cost and Convenience



Initial Paper Prototype

COMMUTE ASSIST

USER:

PASS:

NEW USER

USERNAME:

PASSWORD:

CONFIRM:

PERMITTYPE:

UID:

TRANSPORTATION PREFERENCES

DRIVE

BUS

TRAX

WALK

SHUTTLE

MAP

COMMUTE INFO	PRE-PLAN	BUY DAY PASS
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Initial Paper Prototype

← COMMUTE INFO

BUY A DAY "V" PASS IS NOW POSSIBLE!

GAMEDAY FOOTBALL LOTS 7, 2, 8, 34, 41...

PARKING LOT PROBABILITY AND STATS

INSTALLING RESERVE PARKING SPIKES

← FULL STORY

BUY A DAY PASS!

PRICING

_____	_____	\$\$
_____	_____	\$\$\$
_____	_____	\$\$\$\$

← PLAN COMMUTE

LEAVE: _____

ARRIVE: _____

DESTINATION: _____

ROUTE OPTIONS:

o DRIVE / SHUTTLE	21 min
o BUS / WALK / SHUTTLE	23 min
o TRAX / BIKE	24 min
o DRIVE	25 min
o WALK / SHUTTLE	29 min
o TRAX / WALK / SHUTTLE	40 min
o BIKE // WALK	51 min

Initial Paper Prototype

ROUTE

- PARK/SHUTTLE 21min

START DIRECTIONS

0.2mi Left on Blizzard ↖

2.4mi Til I-98 ramp ↗

13.8mi To exit 218 ↖

1.4mi Til Sparrow Lot ↗

0.2mi To spot on right ↗

SHUTTLE STOP TO RIGHT

0.4 mi Til required stop

ARRIVED ✓

BUY DAY PASS

DAY PERMIT?

DAY:

LOT:

PERMITS

- o V = \$5.00
- o E = \$10.00
- o A = \$25.00

SET UP PAYMENT INFO

BANK:

LINKED ACCOUNTS:

-
-
-

RESERVE STALL

RESERVE SPOT?

TIME IN:

TIME OUT:

~~|||||~~
~~|||||~~
~~|||||~~
~~|||||~~

STALL PRICES

- \$8.00 - LOCATION
- \$9.00 - LOCATION
- \$14.00 - LOCATION
- \$21.00 - LOCATION

Testing Process and Results

Three Usability Tests

Participant 1: Public transportation/shuttle student

Participant 2: Driver with permit/carpool student

Participant 3: Drive to campus student



Final Paper Prototype

COMMUTE ASSIST

USER:

PASS:

NEW USER:

USER:

PASS:

CONFIRM:

PREFERENCES

DRIVE YES

TRAX YES

BUS YES

WALK YES

SHUTTLE YES

CLASS SCHEDULE

VID:

PERMIT TYPE:


PARKING LOT RESERVATIONS YES

SUCCESS!

SCHEDULE IMPORTED

S	M	T	W	T	F	S

Final Paper Prototype

 ENTER SCHEDULE INFORMATION


CLASS NAME

TIME/DURATION

LOCATION

DAYS OF WEEK

M	T	W	H	F
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 PAYMENT INFO

PAYPAL
USGRNAMG:

PASSWORD:

CREDIT CARD
NAME:

CARD #:

EXP. DATE CVC:

REMEMBER DAILY PARKING RESERVATIONS YES

 COMMUTE ASSIST

DESTINATION ARRIVAL TIME



Final Paper Prototype

← ROUTE 🔊 OFF

ADDRESS:

MAP
HIGHLIGHTED
ROUTE

↑
ALTERNATE?

DETAILED ROUTE INFO:

- Aboard BUS 470 @ 500 E 500S
@ 10:05 pm

← Get off @ stadium Trax
Station @ 10:15 pm

← Walk to shuttle stop 412

- Aboard red shuttle @ 10:17 pm
and ride to MEB stop

← ROUTE OPTIONS

◦ DRIVE/SHUTTLE	18 min
◦ BUS/WALK/SHUTTLE	21 min
◦ TRAX/WALK	26 min
◦ DRIVE	34 min
◦ TRAX/SHUTTLE	40 min
◦ DRIVE/WALK/SHUTTLE	41 min
◦ BUS/WALK	1hr 3min

SAVE

Digital Mockup

Commuter Assist

User Name:

Password:

New User

User Name

Password

Confirm

Preferences

Which of the following do you commute with?

Car

TRAX

Bus

Walk

Shuttle

Class Schedule

UID

Permit Type U A E None

Enable Parking Lot Reservations

Success!

Schedule Imported!

Time	Tuesday Nov 12	Wednesday Nov 14	Thursday Nov 15	Thursday Nov 16	Friday Nov 17
8:00AM					
9:00AM					
10:00AM					
11:00AM					
12:00PM		CS 4710 - 001 Special Projects 12:20PM - 1:40PM WEB 2143		CS 4710 - 001 Special Projects 12:20PM - 1:40PM WEB 2143	
1:00PM					
2:00PM		THEA 3033 - 007 Activity 2:00PM - 3:00PM PAB 101		THEA 3033 - 007 Activity 2:00PM - 3:00PM PAB 101	
3:00PM		THEA 3033 - 007 Activity 2:00PM - 3:00PM PAB 101		THEA 3033 - 007 Activity 2:00PM - 3:00PM PAB 101	
4:00PM		CS 1940 - 001 Lecture 3:40PM - 5:00PM WEB 2220		CS 1940 - 001 Lecture 3:40PM - 5:00PM WEB 2220	
5:00PM				CS 1940 - 001 Lecture 3:40PM - 5:00PM WEB 2220	BCS 2040 - 003 Special Topics 4:40PM - 6:00PM WEB 1236
6:00PM					

Payment Info

PayPal

Username

Password

Credit Card

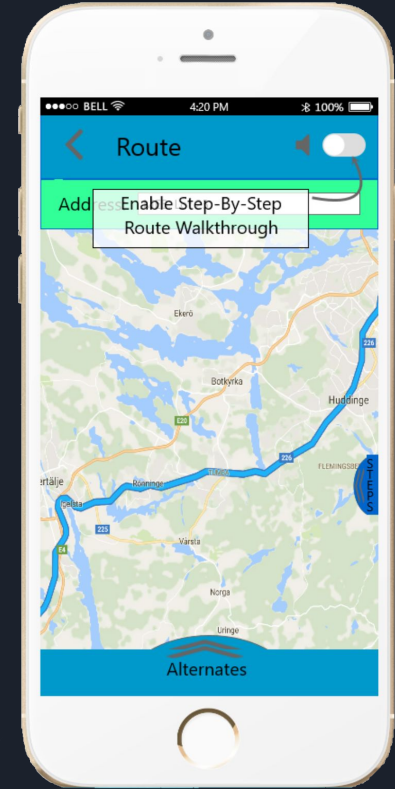
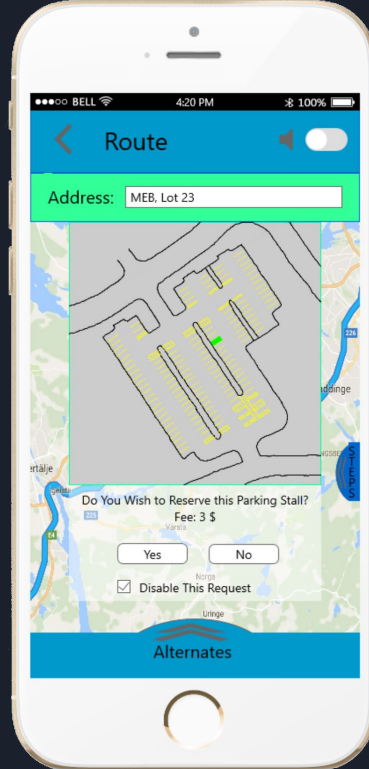
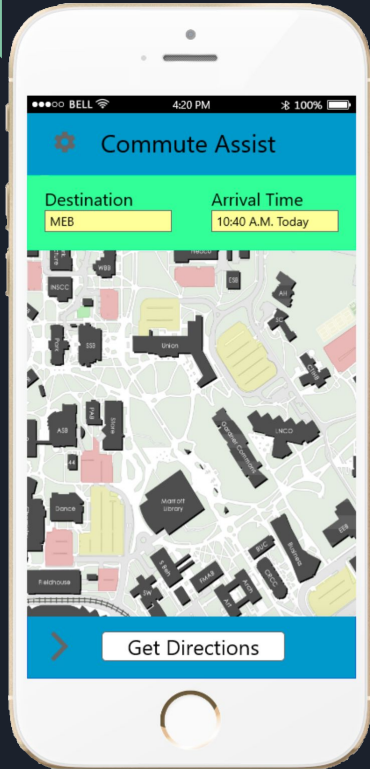
Name

Card Number

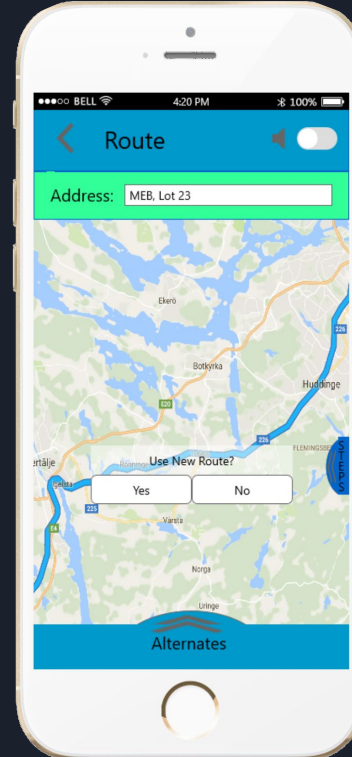
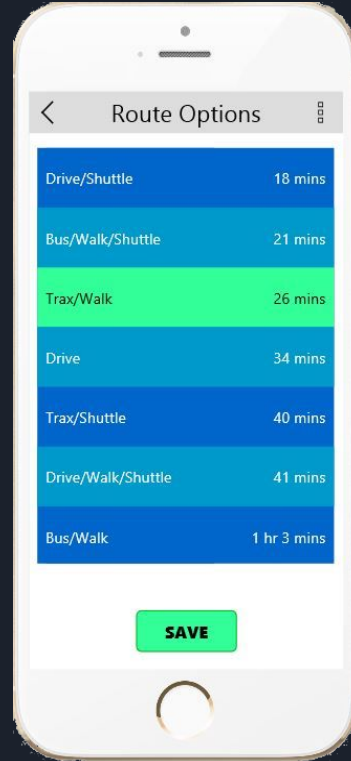
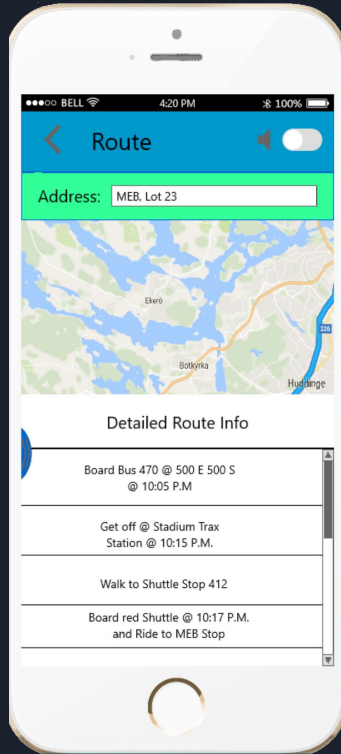
Exp. Date CVC

Remember Daily Parking Reservations Yes No

Digital Mockup



Digital Mockup





Summary

Commuting to campus can be made easier

Parking can be streamlined

Simplifying and concentrating on our design iteration has drastically altered our prototype

Getting to campus how and when you want should be easy

Questions?

The background features a series of dark grey, parallel lines that create a sense of depth and perspective, receding towards the right. A bright green parallelogram is positioned in the upper right area, and a bright blue parallelogram is located below it, further to the right. The overall aesthetic is modern and minimalist.

Thank You

The background features a series of parallel, dark grey lines that create a sense of depth and perspective, receding towards the right. A prominent green parallelogram is positioned in the upper right quadrant, and a blue parallelogram is located below it, further to the right. The overall aesthetic is clean and modern.