BOTHELL

Husky Parking Pal

Crows GPS
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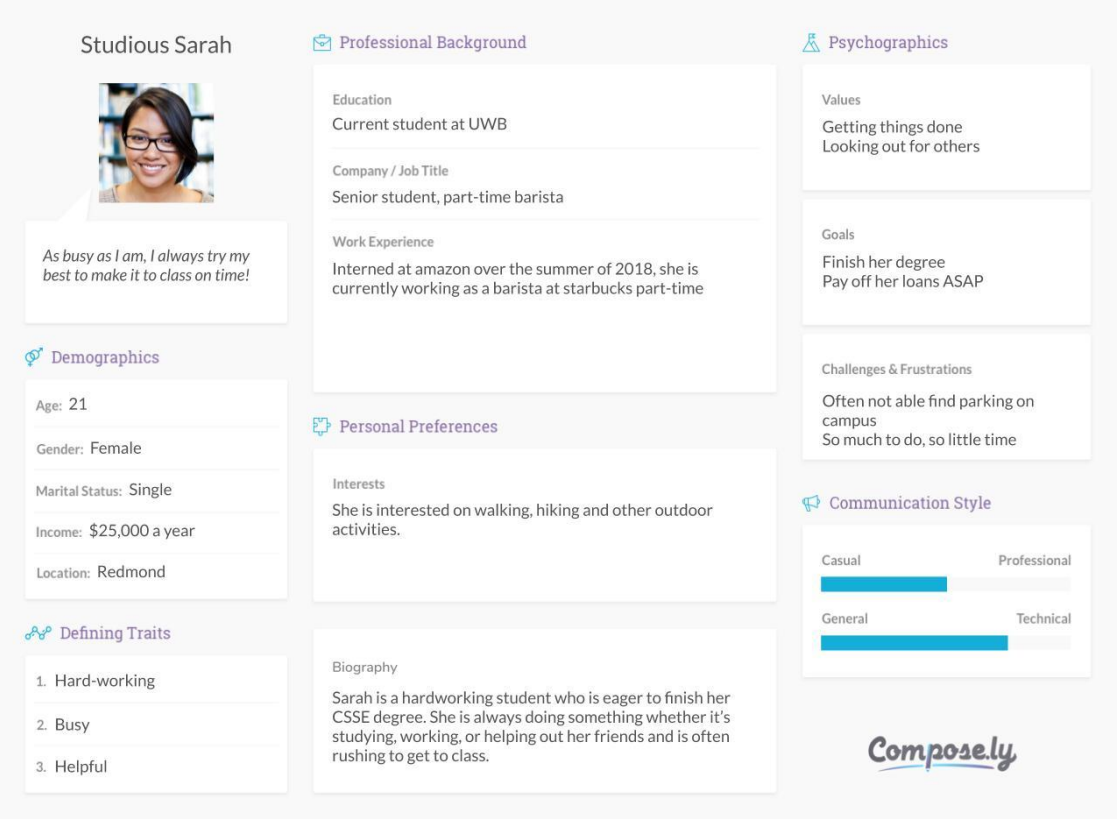
Elevator Pitch

UWB's car commuters often run into **parking issues** daily during peak campus hours, which consequently requires commuters to invest more **buffer time to prevent being late**.

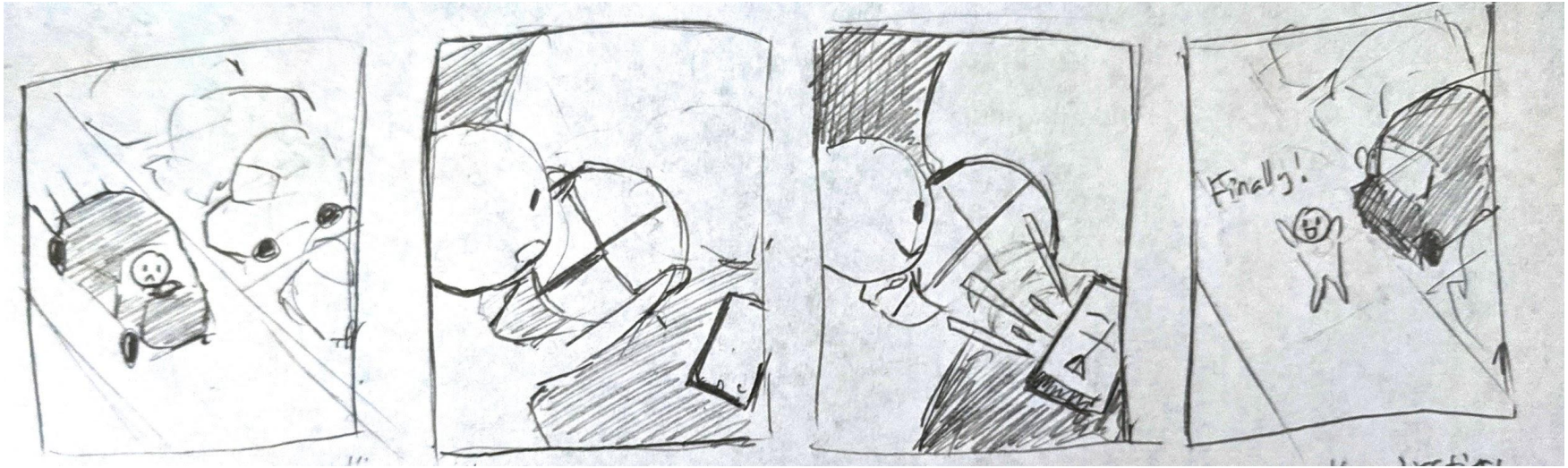
However, not all individuals want or can even afford to invest extra time, thus, the Husky Parking Pal can enable users to check current **campus traffic activity** and **reserve spots** ahead of time to soothe anxieties about being late.

Primary Personas

- **Student**
- **Faculty members**
    - Frequently come to school
- **Campus Visitors**
    - Come to campus for event/meeting



Storyboard - Finding a Parking Spot



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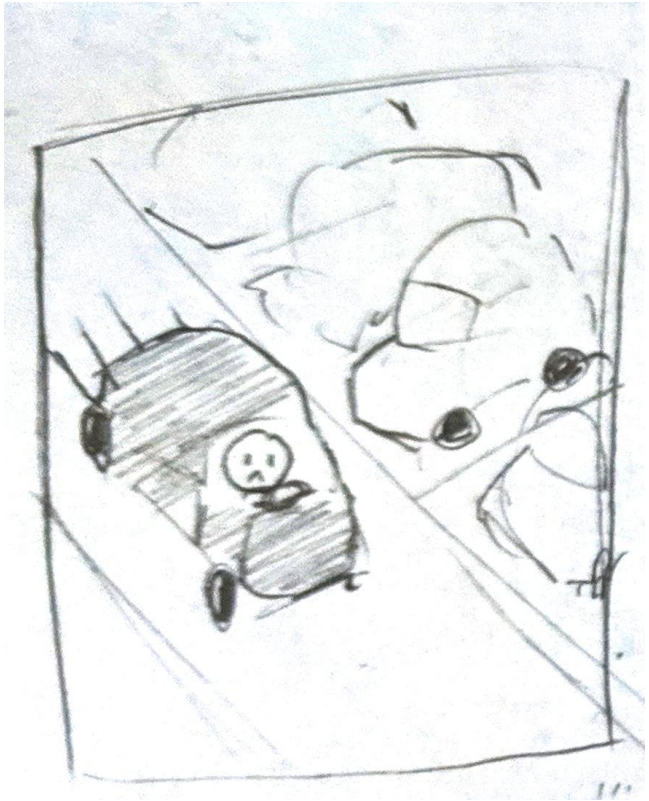
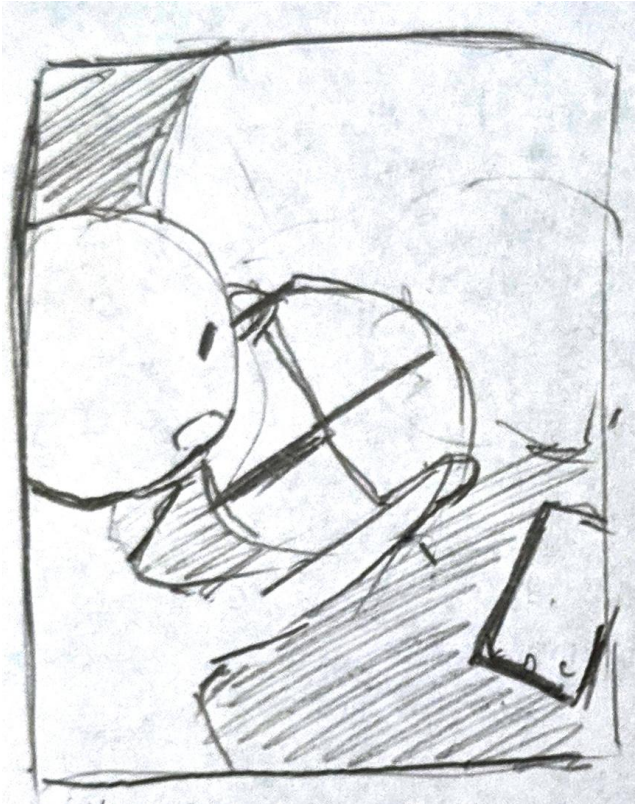


Storyboard - Finding a Parking Spot



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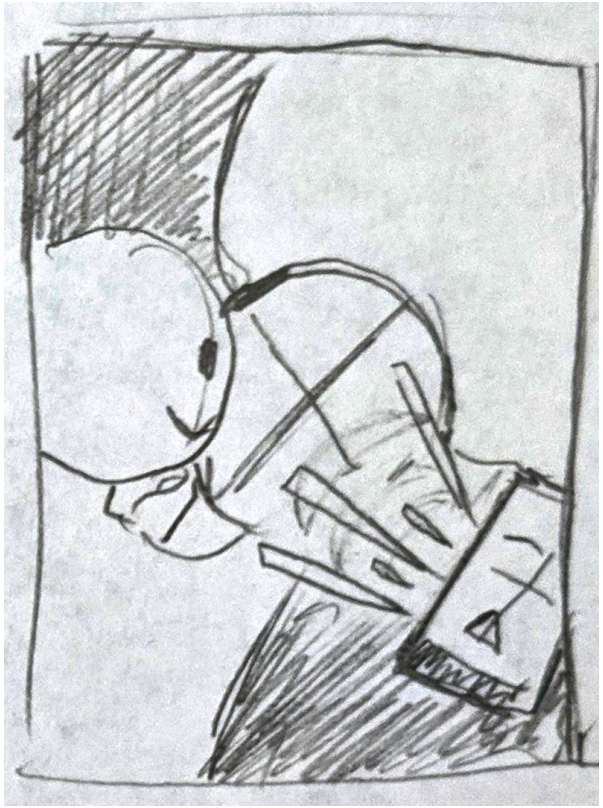

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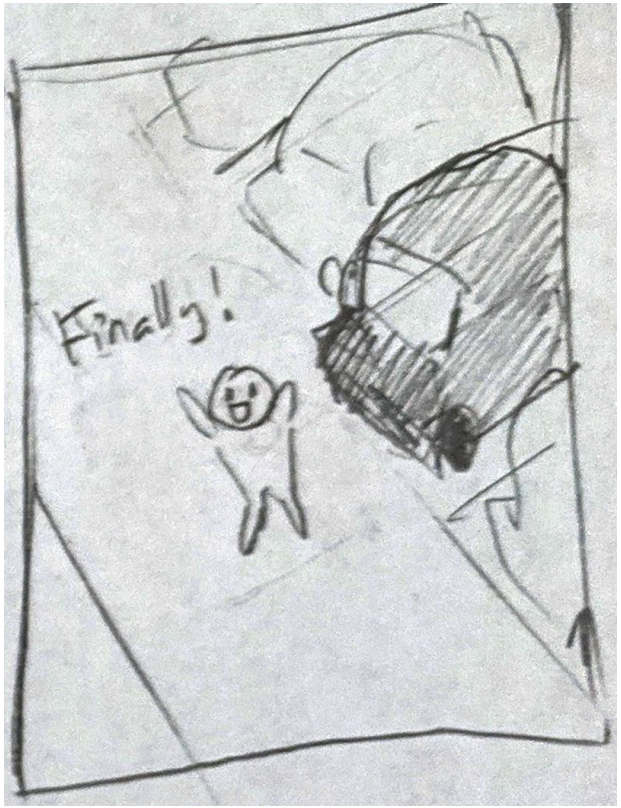


User Requirements for Scenario

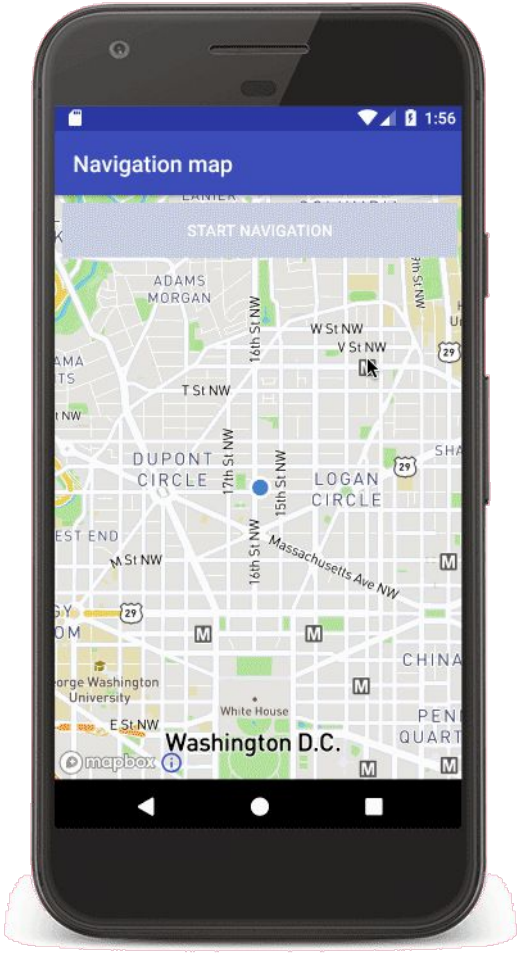
- The system must visually represent all campus parking lots and spaces on a map.
- The system must know the nearest parking space
- The system must give live directions to any parking space.
- The system must be able to give directions through both audio and text.

Design Goals

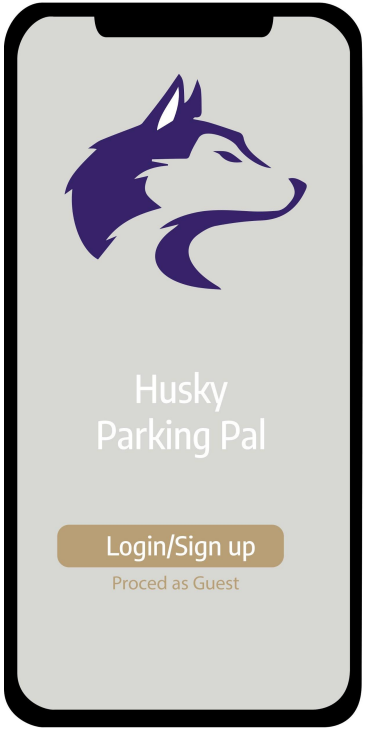
- Performance (e.g load time)
- Learnability (e.g immediately intuitive)
- Usability (e.g ease of use)
- Information Security (e.g detect & block)

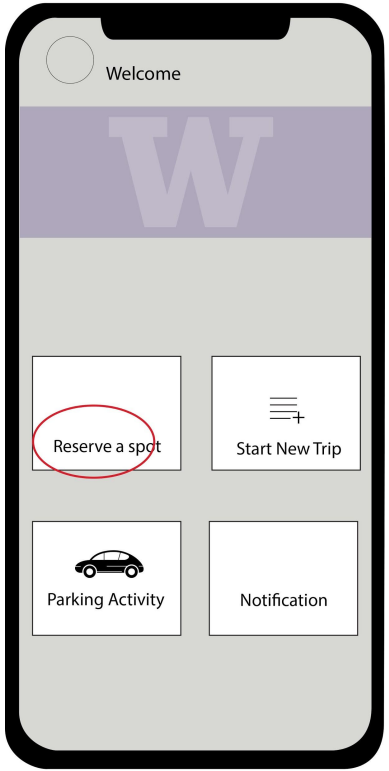
Design Guidelines/Principles

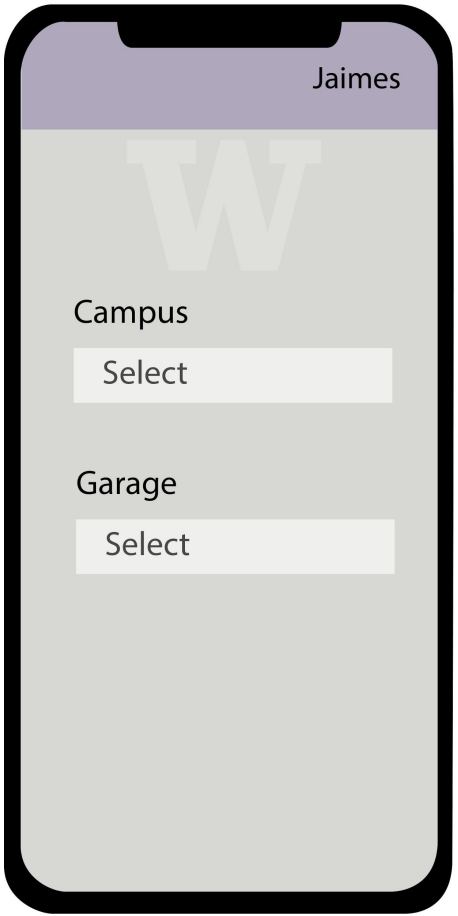
- **Keep it Consistent**
- Clear Hierarchical Structure
- **Embrace Predictability**
- **Keep it Simple**
- Match between system and real world
- **Minimize cognitive load**
- Visibility of system status

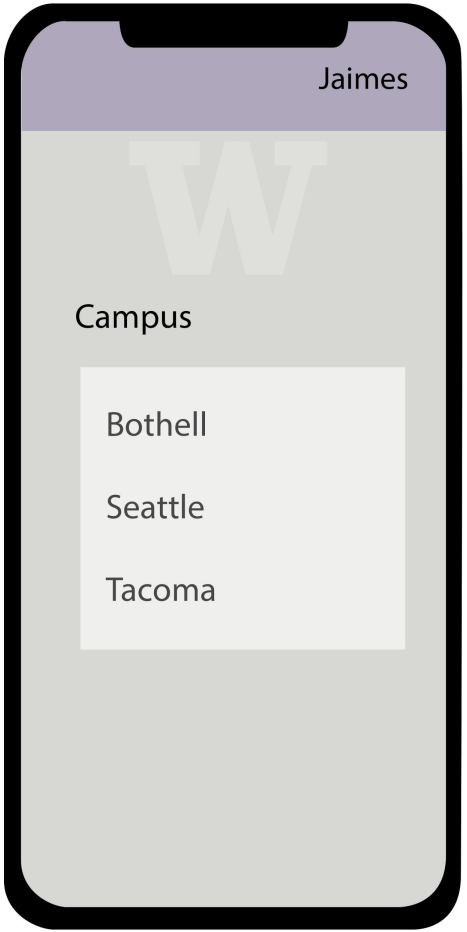


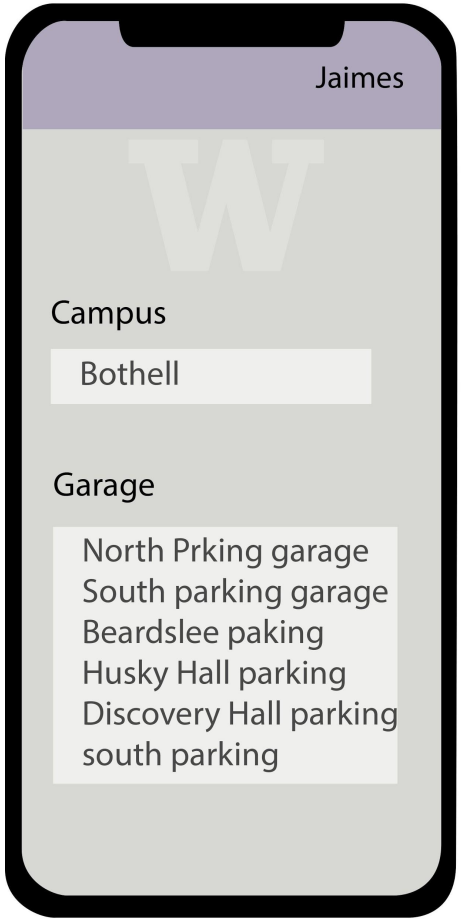
Prototype Walkthrough

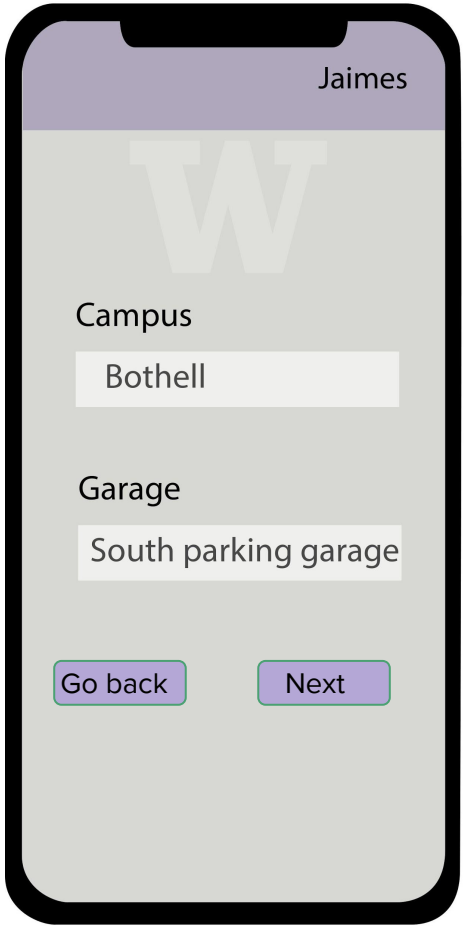




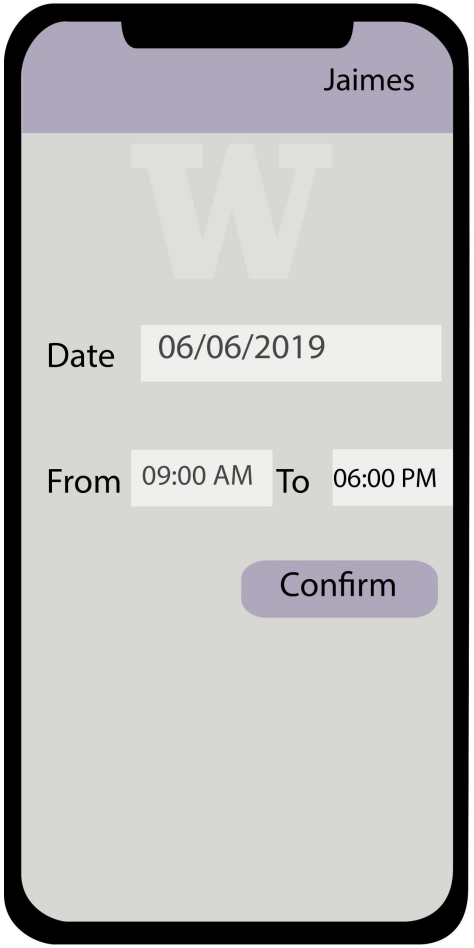

Jaimes
Campus
Select
Garage
Select


Jaimes
Campus
Bothell
Seattle
Tacoma


Jaimes
Campus
Bothell
Garage
North Prking garage
South parking garage
Beardslee paking
Husky Hall parking
Discovery Hall parking
south parking


Jaimes
Campus
Bothell
Garage
South parking garage
Go back
Next


Jaimes
June 2019
July 2019
Sunday
Monday
Tuesday
Wednesday
Thursday
Friday
Saturday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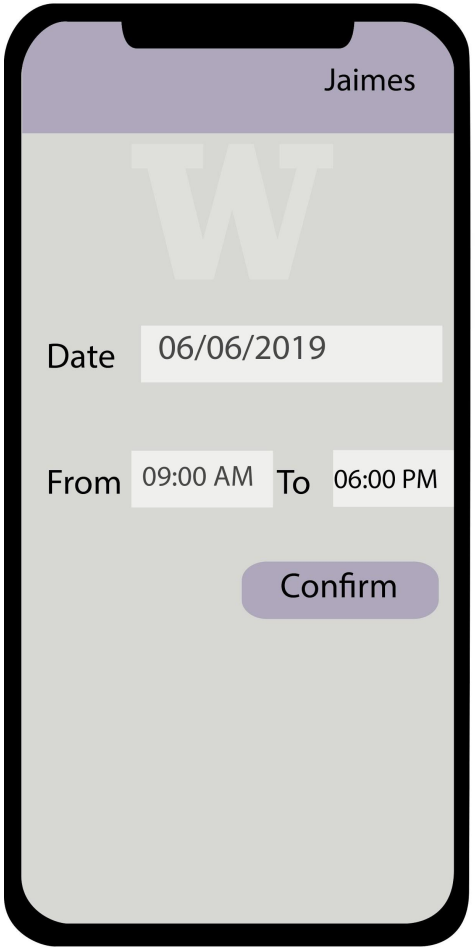
Date
06/06/2019
From
09:00 AM
To
06:00 PM
Confirm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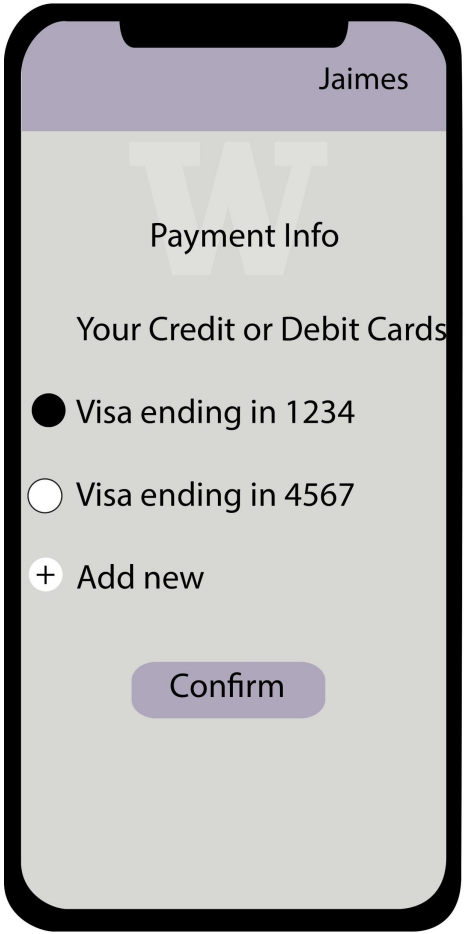
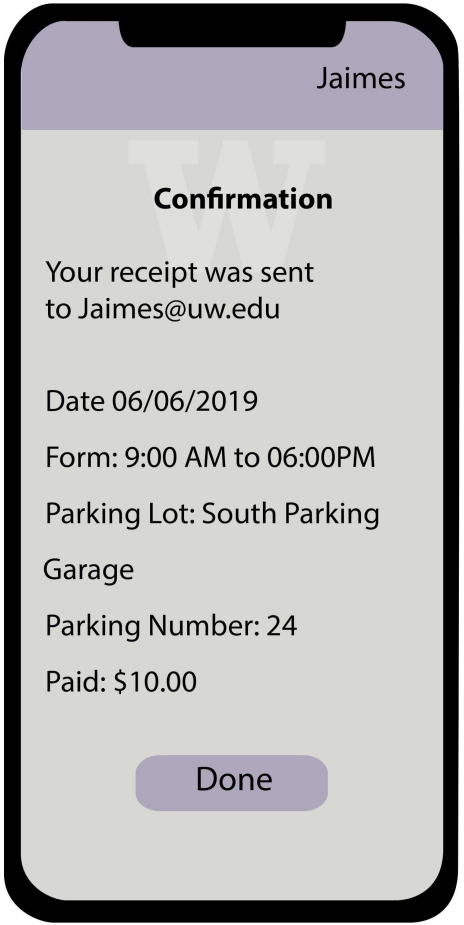

Jaimes
Payment Info
Your Credit or Debit Cards
Visa ending in 1234
Visa ending in 4567
Add new
Confirm


Jaimes
Confirmation
Your receipt was sent
to Jaimes@uw.edu
Date 06/06/2019
Form: 9:00 AM to 06:00PM
Parking Lot: South Parking
Garage
Parking Number: 24
Paid: $10.00
Done