Panther Transit

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Introduction

- An application designed to help Georgia State's students commute in a smarter and safer way.

- About 81% of students at Georgia State live off campus and are considered commuters. This is based on the fall 2023 undergraduate enrollment of 27,610 students, with only 19% living in college-owned housing.

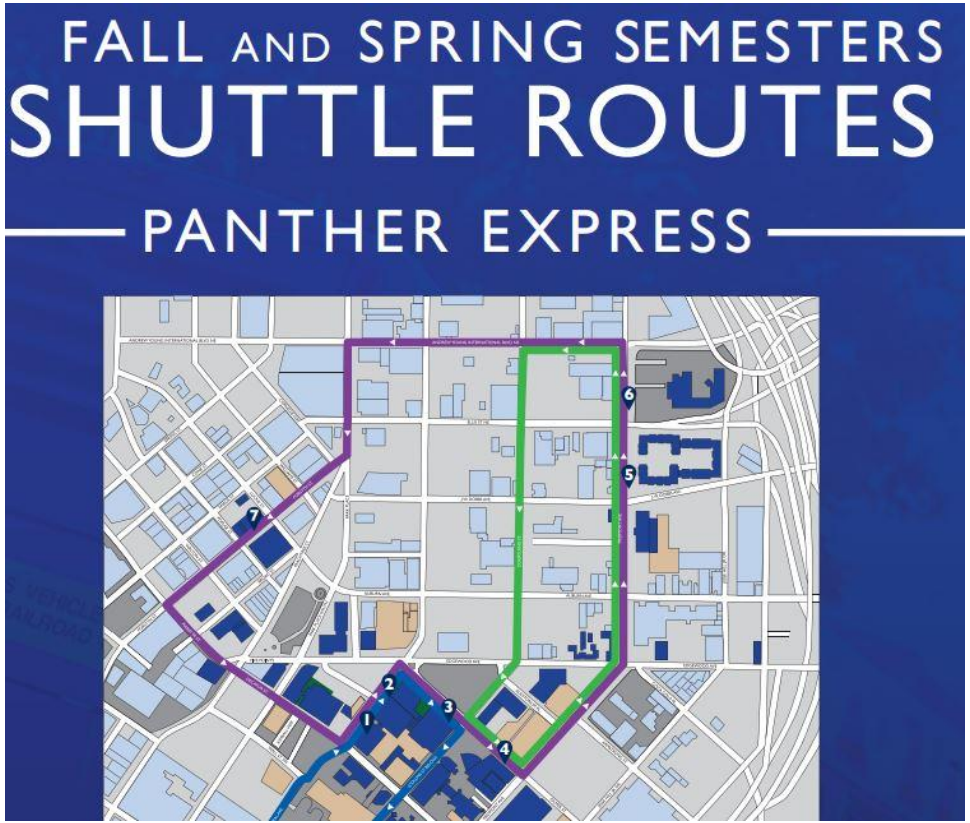
- The app provides real-time updates from multiple sources, including, MARTA transportation system, GSU's transportation and parking system, traffic monitoring services, and weather update systems.

Features

- Check MARTA Arrival Times

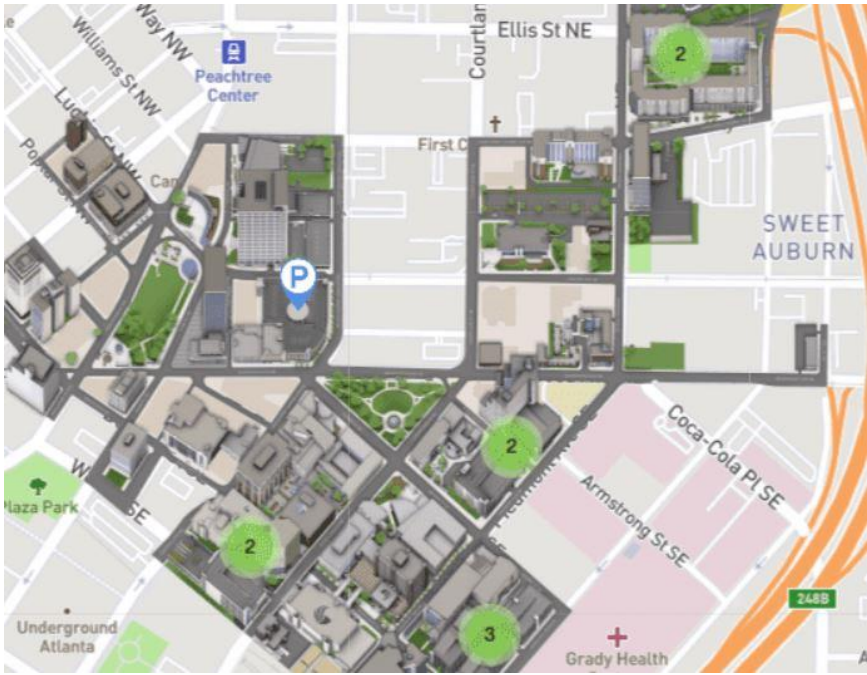
Features

- GSU Bus System Tracking



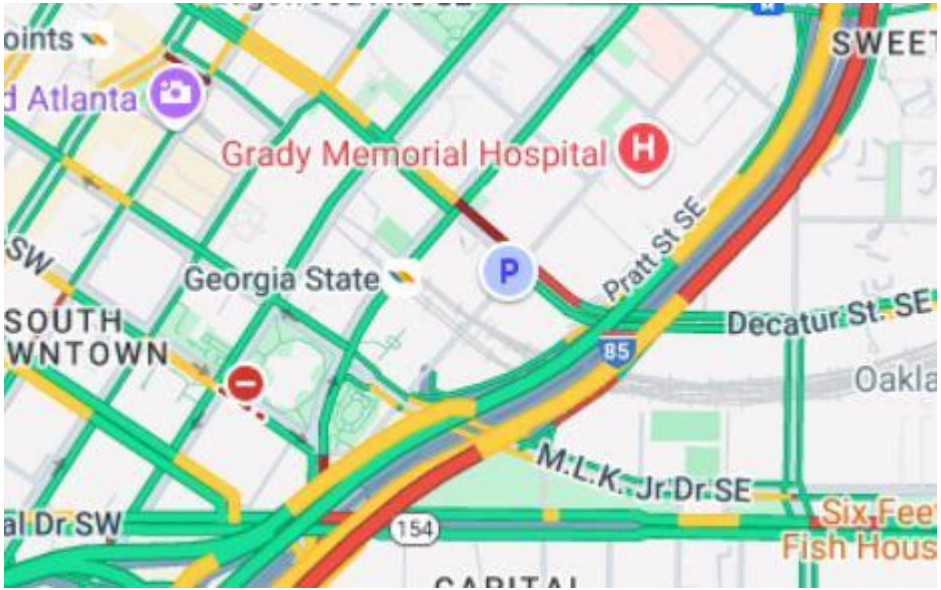
Features

- GSU Parking Availability check



Features

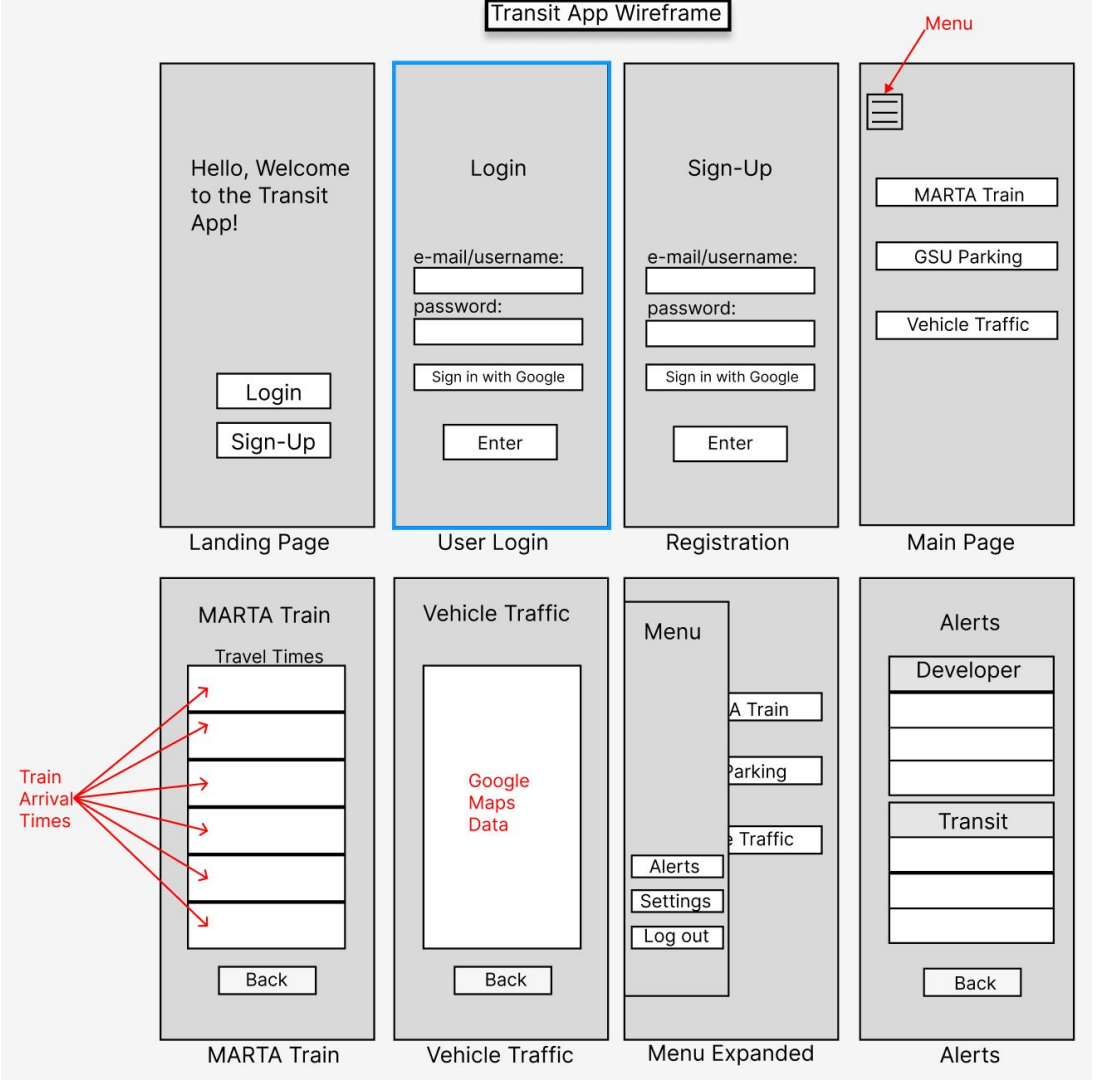
- Real Time Traffic Updates



Features

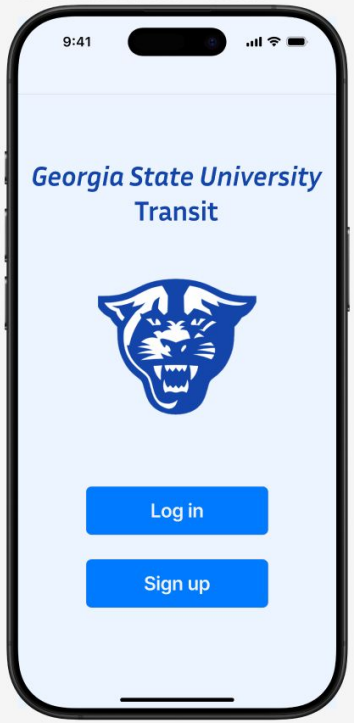
- Weather Information

WIREFRAME DIAGRAM

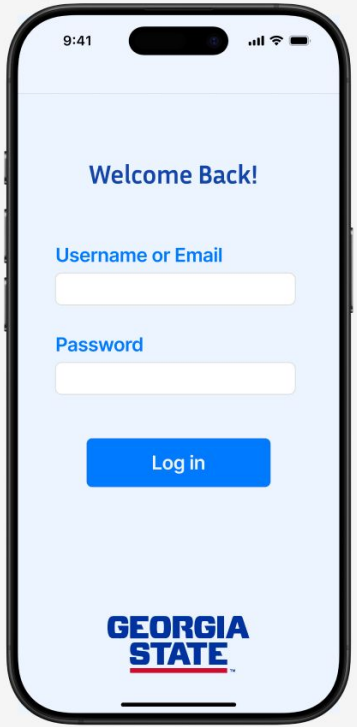


UI/UX MOCKUP

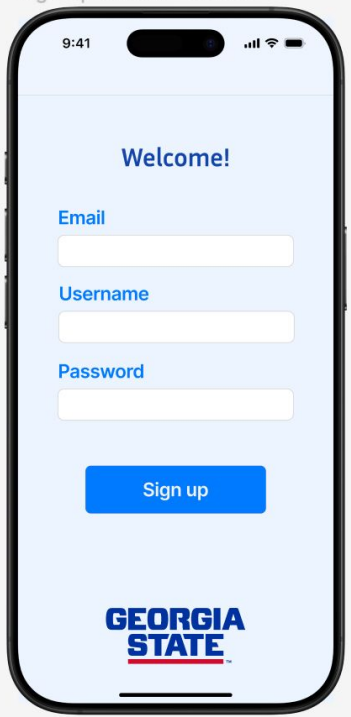
Welcome Screen - iPhone



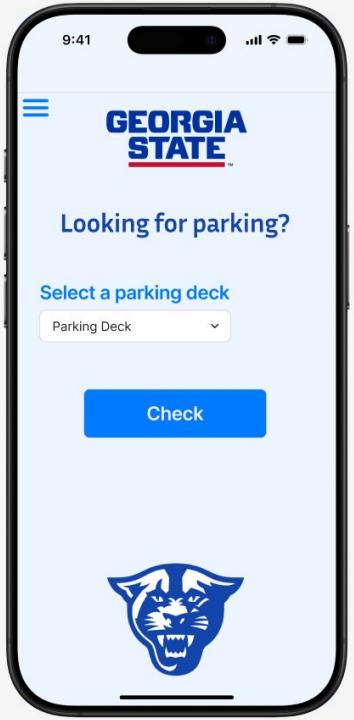
Log in Screen - iPhone



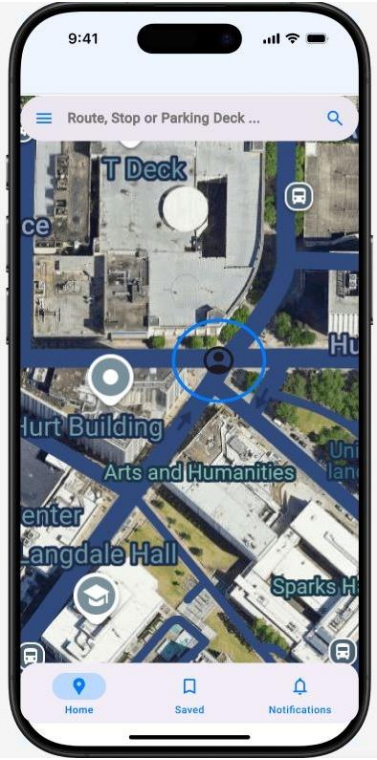
Sign Up Screen - iPhone

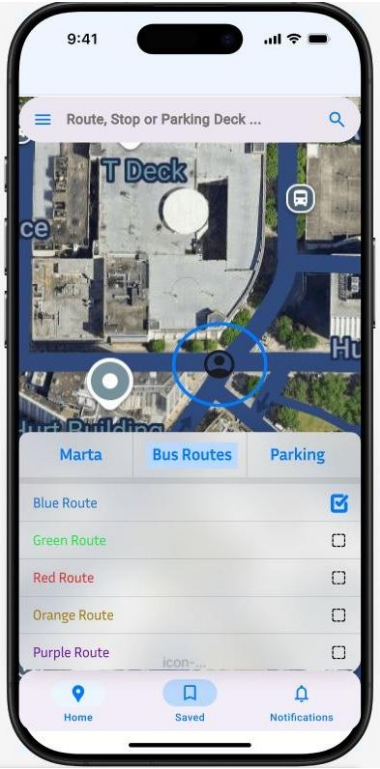


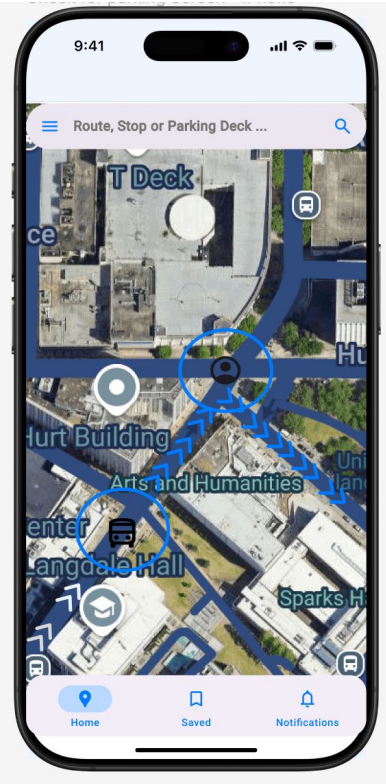
Check for parking Screen - iP...



UI/UX MOCKUP


9:41
Route, Stop or Parking Deck ...
T Deck
Arts and Humanities
Home
Saved
Notifications

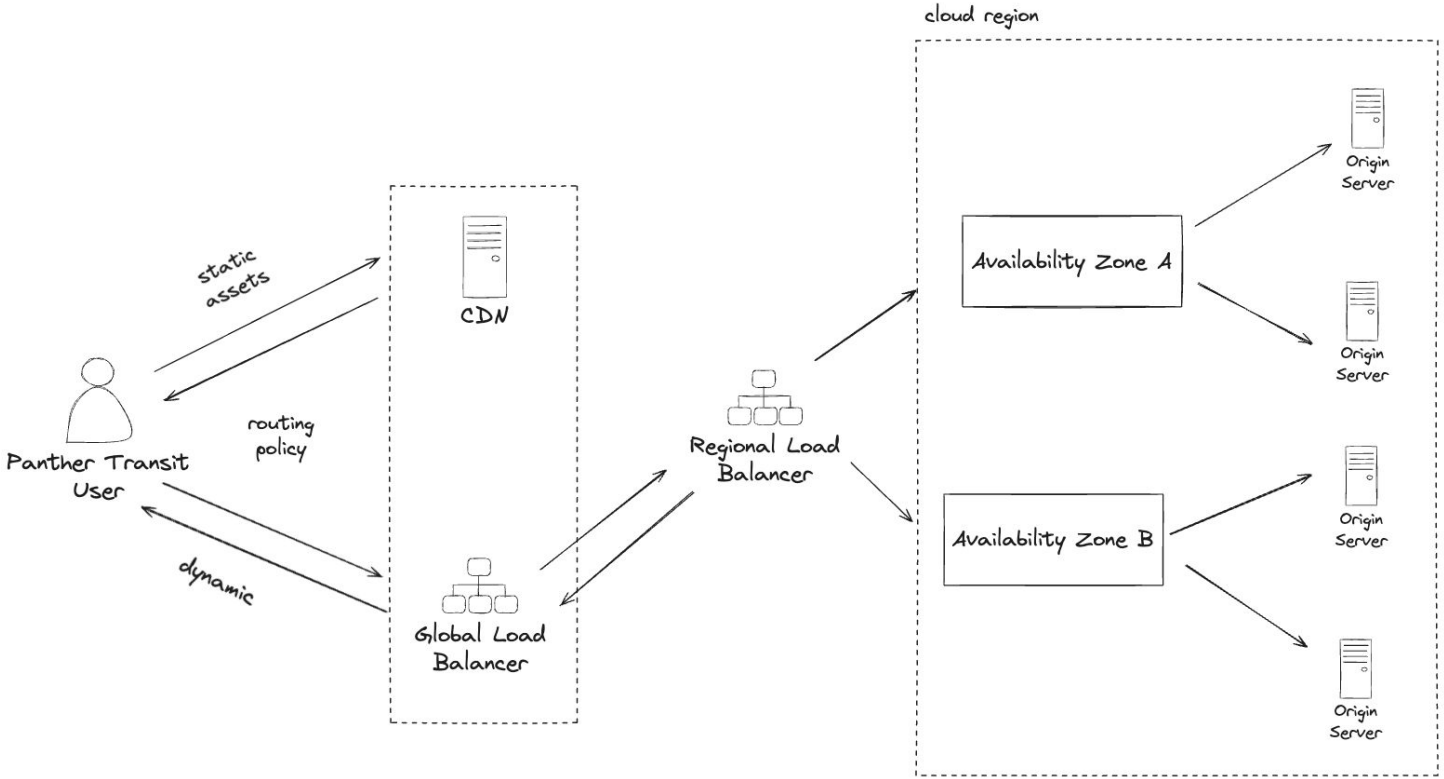

9:41
Route, Stop or Parking Deck ...
T Deck
Marta
Bus Routes
Parking
Blue Route
Green Route
Red Route
Orange Route
Purple Route
Home
Saved
Notifications


9:41
Route, Stop or Parking Deck ...
T Deck
Arts and Humanities
Home
Saved
Notifications

CHALLENGES

- Integration of all the different APIs
- Data Accuracy and Reliability
- Privacy and Security
- Battery and Data Usage

system Design



Potential impact

- Help students avoid delays by providing real-time transit and parking updates.
- Incentivize students to make safer decisions by notifying them about traffic and weather updates.
- Reduce stress by consolidating information into one app, saving time and simplifying planning.