Tracker App

App for managing tracking data/User account data for renting

Carolina Card should be able to be used to rent/Check out E-vehicle platforms // Through App***

Tracking should show available E-platforms for user's convenience

When an E-bike or E-scooter is being rented, tracking data for tracking that individual vehicle should not show to other users (privacy protection)

Reserve an e-device ahead of time, for a certain timeslot

App must have dark mode it's 2023

Display the number of rides taken, average duration of ride, most common student routes from point a to point b

Exclusive to USC or could we make a generic app and sell it to other schools with similar issues??

E-Bikes

Citi-bike type of concept with rentable bike racks spread throughout campus

Needs to be the type that can switch between electric and peddle -- With regenerative braking. (ECO-CENTRIC)

Placement of bike racks is crucial for useability, we need to think of places like Close Hipp, Darla Moore, and Russell House. Essentially places with the most foot traffic

We need to look into safety requirements, is it reasonable to require helmets? A test to prove you can ride a bike? The liability of everything needs a deeper dive

Bike/scooter overlap

Custom school branding could be a possibility, both scooters and bikes

GPS Tracker for retrieval

E-Scooters

Contract a well-established company like Lime or Bird brand scooters to help supply our campus with electric scooters for students to rent

Map of campus with indicators for in-use scooters, and scooter available for pickup

Online safety courses, linked to your student account/Carolina card, must be completed before access to rent e-devices on campus is given.

Invalid drop locations for scooters to avoid students from hiding them or running off with scooters, must disembark in a valid location

Bus Stops

Add more closer to where students actually are, closer proximity to classroom buildings

Closer proximity to parking garages and commuter lots

Tighter bus schedule, possibly purchase several more busses than currently in rotation, also creates new jobs for drivers

Open the gates to Greene Street (in front of Russell House) and put a stop in there. That is the main part of campus!

Charging Stations

Add charging stations throughout campus and in buildings so student can charge their transportation

Focus on what locations students are travelling to and from the majority of the time to determine best placement

Outside of and around the locations with the most foot traffic

Fast charging technology to ensure that bikes and scooters are not left dead or on low battery for another user