TransLoc Alt. Interface

Problem Statement

The bus app doesn't tell you what bus routes you need to take to get to your destination. The app would be more useful if you could see what routes you could take, where to change routes, and where to board and walk from the buses.

Who is experiencing the problem?

1. **Undergraduate university students:** Resident undergraduate university students require improved and more concise routing to navigate to their destinations. It is important that these individuals are able to arrive at their destinations in an efficient and timely manner.

2. **Graduate students:** Commuting graduate students will need to use the app to navigate the campus similarly to resident undergraduate students, as parking is sparse and there are no good places to park near their destinations.

What is the problem?

In its current form, the bus app does not provide enough routing information to be of as much use as it could be. Presently, the app does not provide accurate tracking of buses, timetables, or concise routing information.

Where does the problem occur?

1. Unreliable tracking

   Currently, the app does not track the buses very reliably. This leads to students not taking the buses because they are not aware of when they arrive.

2. Imprecise routing

   The app does not show the user what routes they need to take to specific destinations and how to change buses to get there. Users are left unaware of when to change buses and how to walk from bus stops to their destinations.

Why is the problem relevant?

People that attend the university require a system for tracking the buses so that they are able to reach their destinations in a timely manner so that they may execute the tasks that they are responsible for.