

OnTime

Getting you to class, on time, every time.

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The Problem

Students living off campus, especially the ones who have morning classes, tend to run late to classes because of the unreliability of their transportation methods for daily commute. The time it takes to get to campus is unsure and can vary greatly based on weather, traffic, ridership.

"There was no real time information for bus today and the location froze for 5 minutes straight... Later I realized that the bus took a detour."

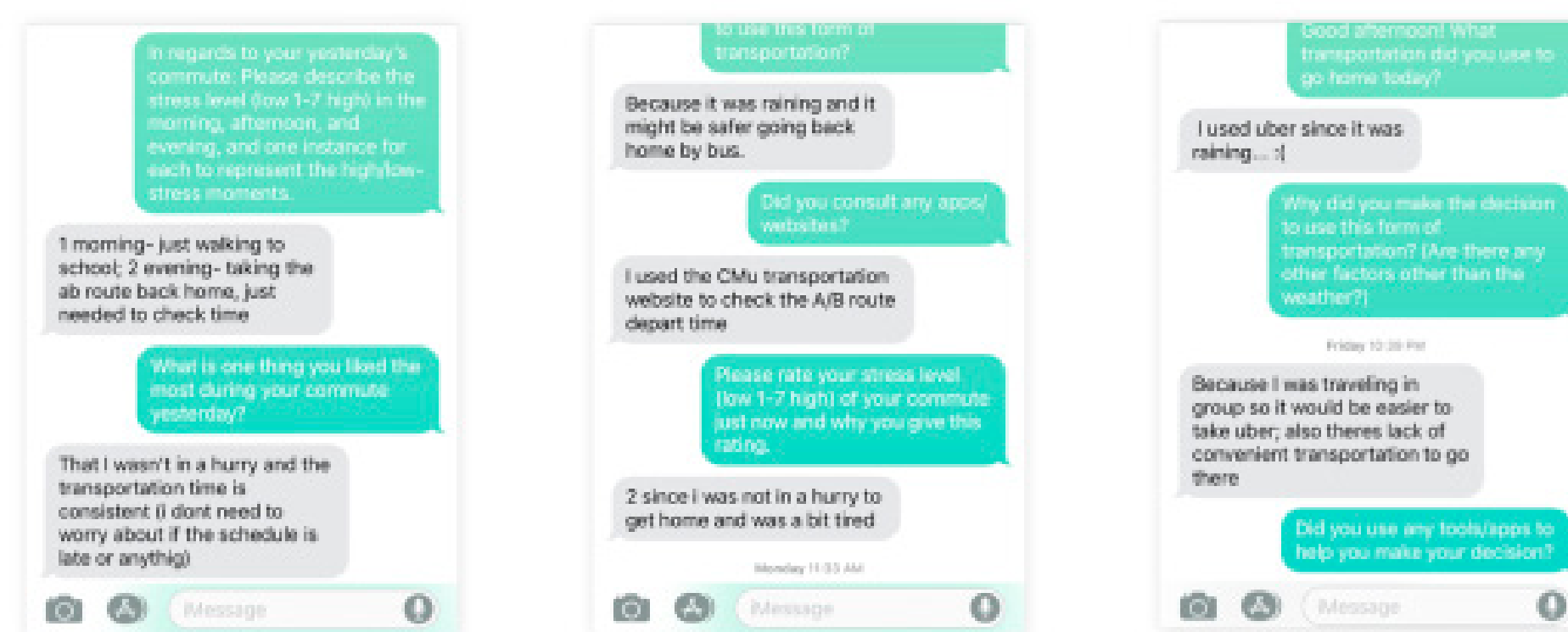
ECE Masters Student

"One time the bus skipped over our stop, and I had a midterm. I clearly remember scrambling to find transportation, and it made me super stressed for my test."

Computational Biology Masters Student

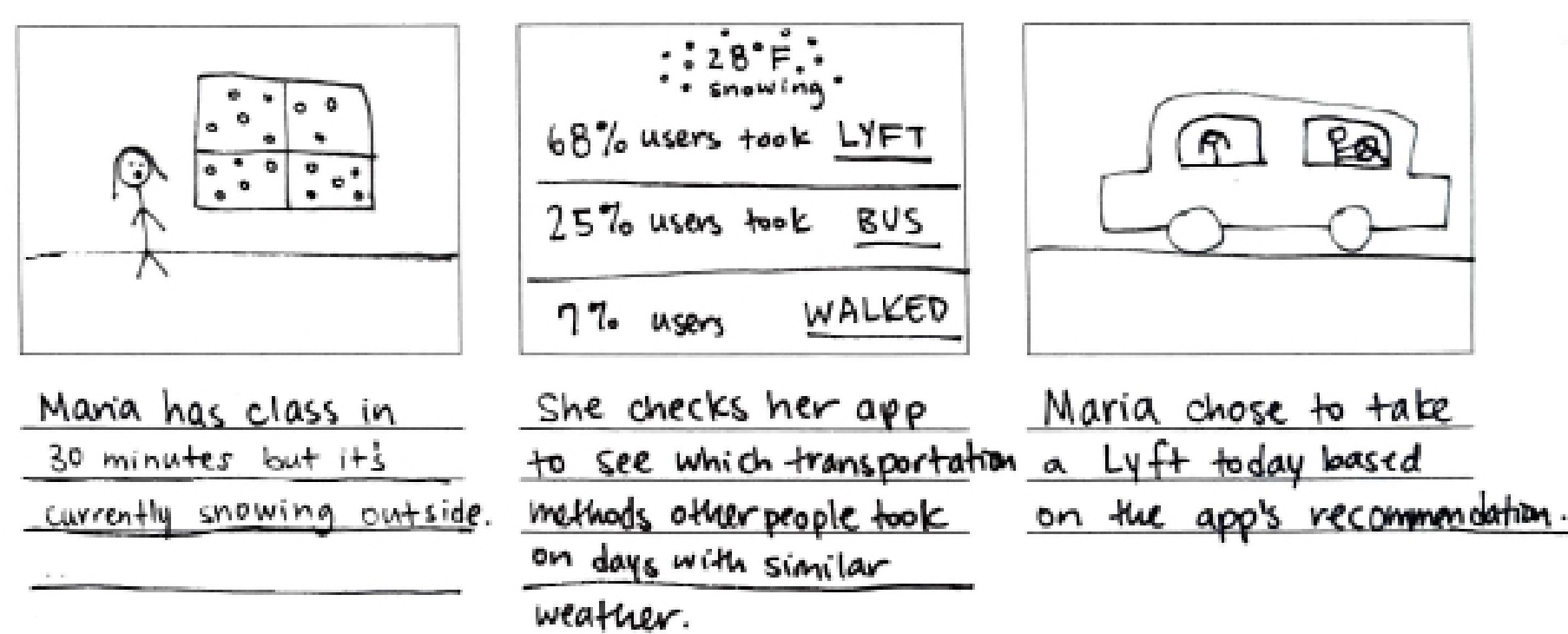
The Methods

- Contextual Inquiry
- Text-Based Diary Studies



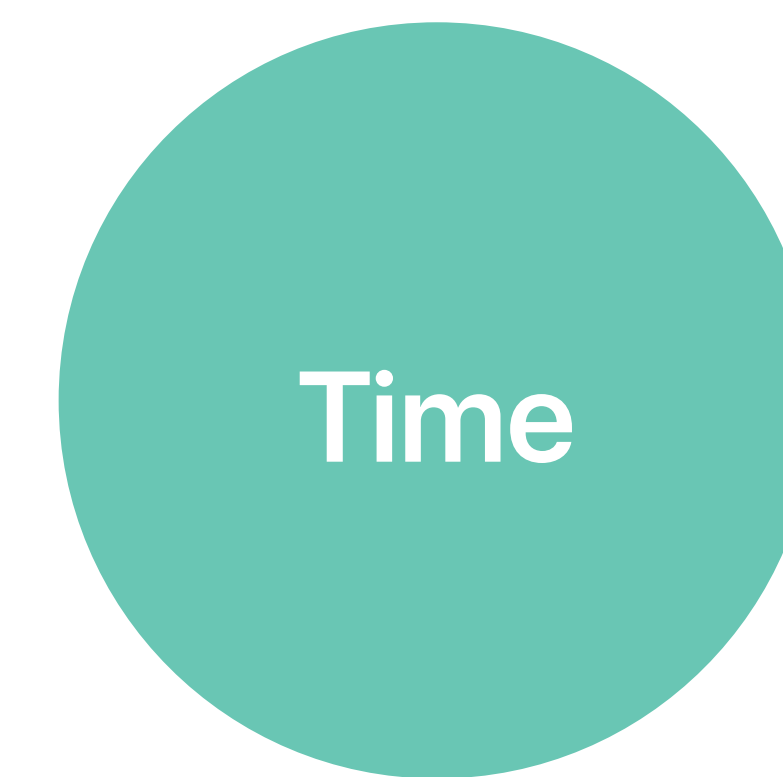
- Think Aloud Protocols
- Speed-dating & Storyboarding

Need: Users consider weather as an important factor when choosing transportation methods.
Lead: How can weather be taken into account when deciding the best transportation method?
Discuss: Would recommendations based on others' decisions help inform your own?



- 5 Second Test

The Pattern



Students struggle to plan out their travel, causing hiccups and failures when traveling to campus.

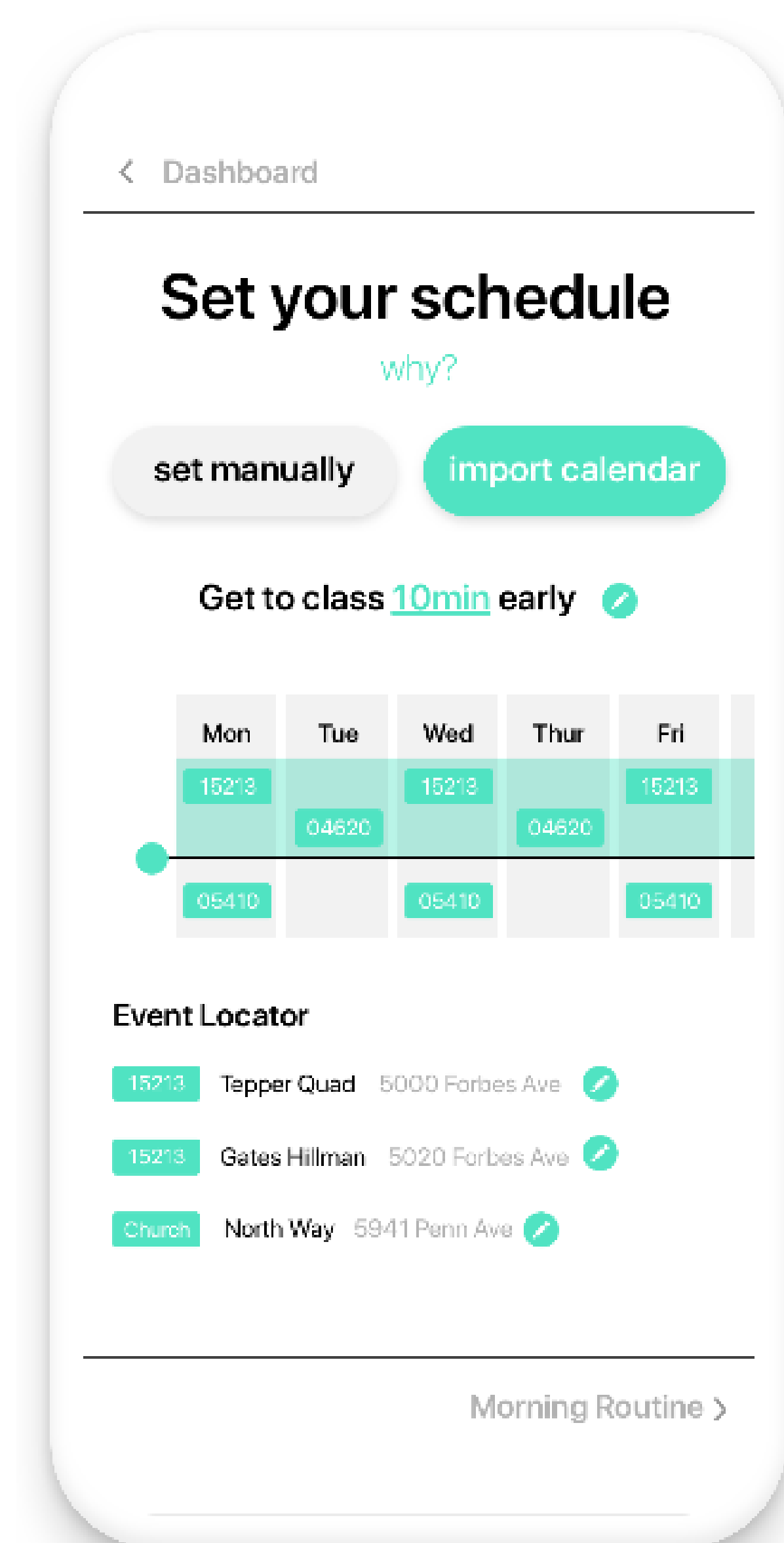


Students have a preference for lower cost options, even if it means being late.



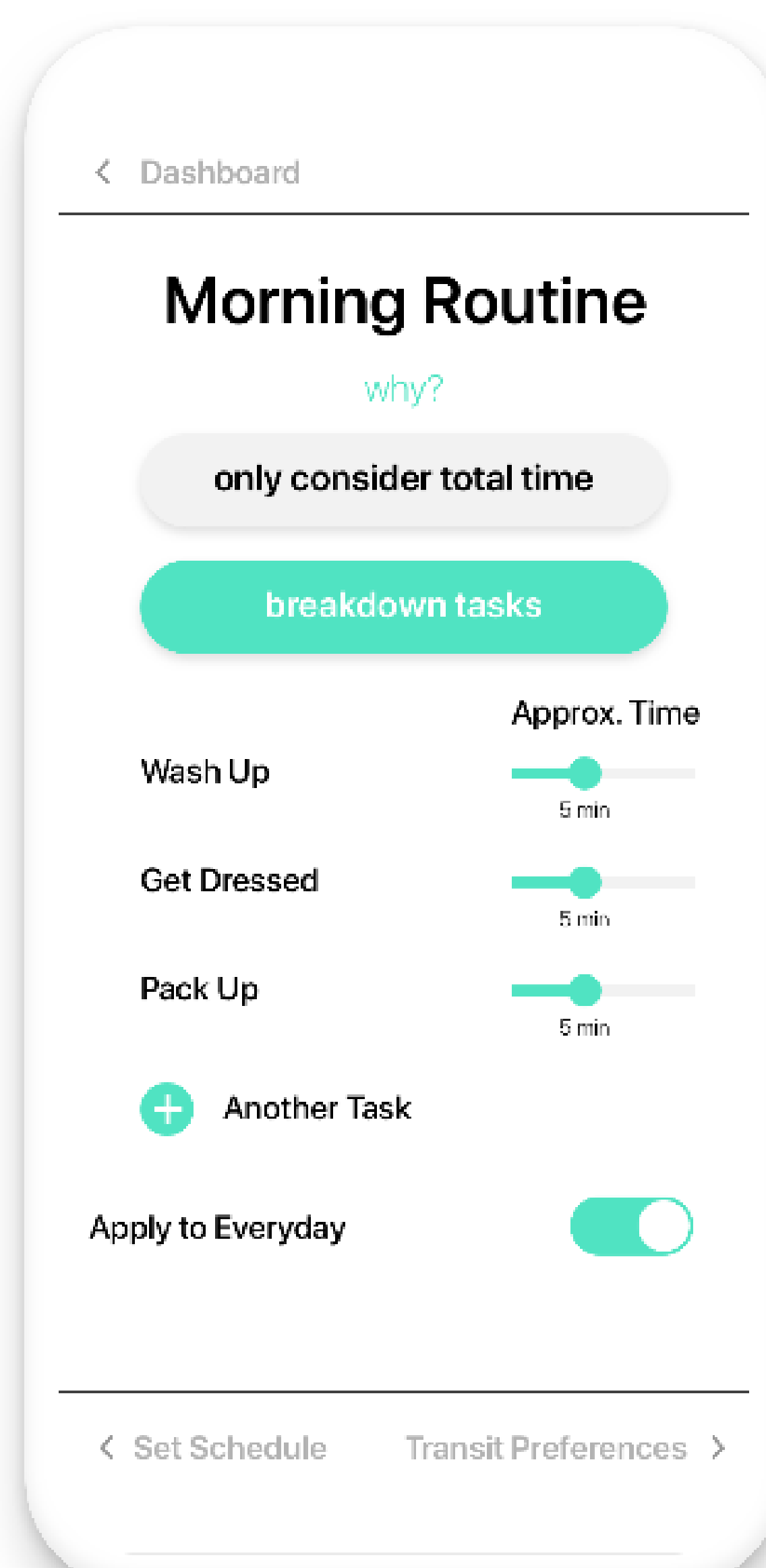
Students see public transportation, CMU shuttles, and tracking apps as generally unreliable in terms of helping them get to the desired destination on time

The Solution

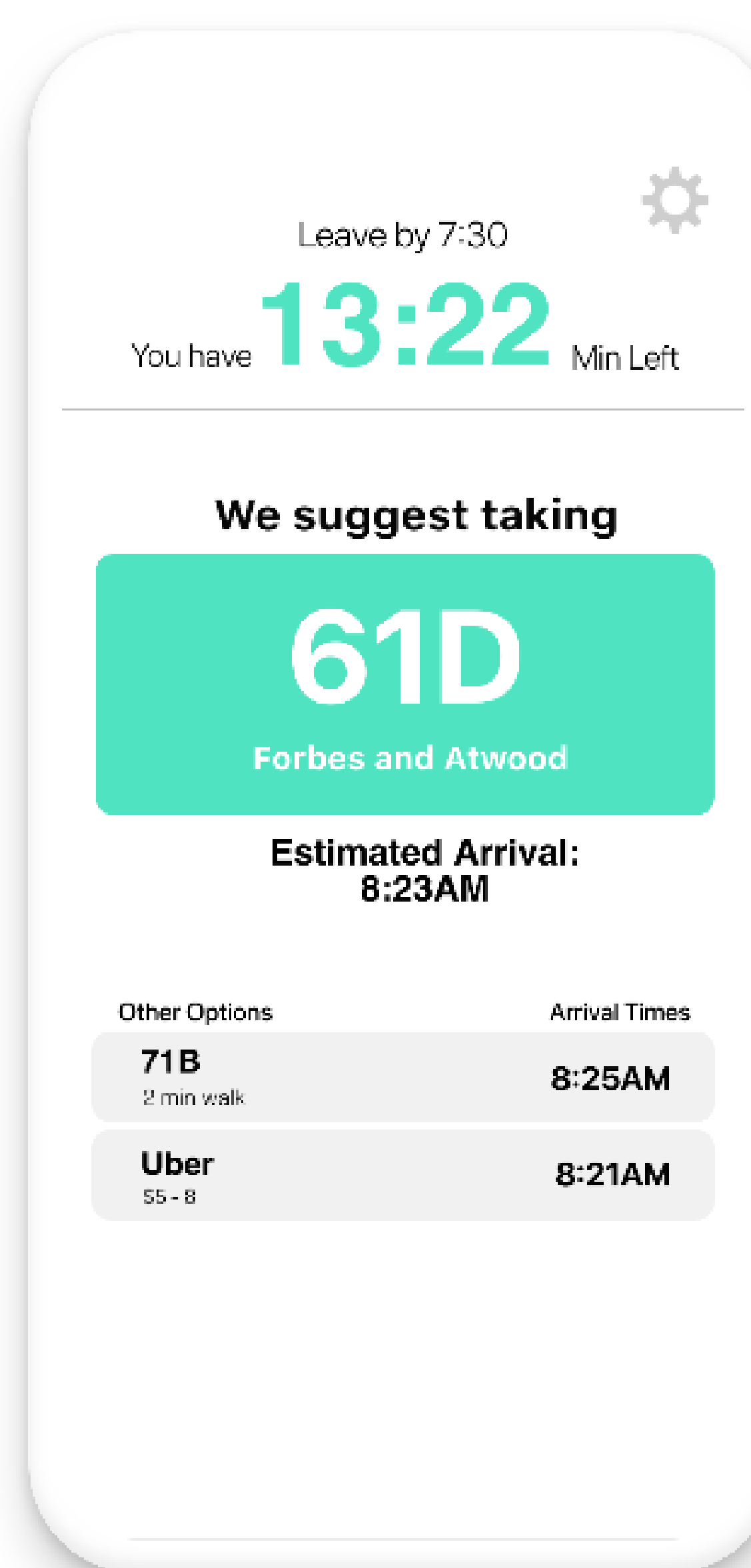


OnTime prompts users with the ability to manually set or import their schedule in order to assist the user in their time management.

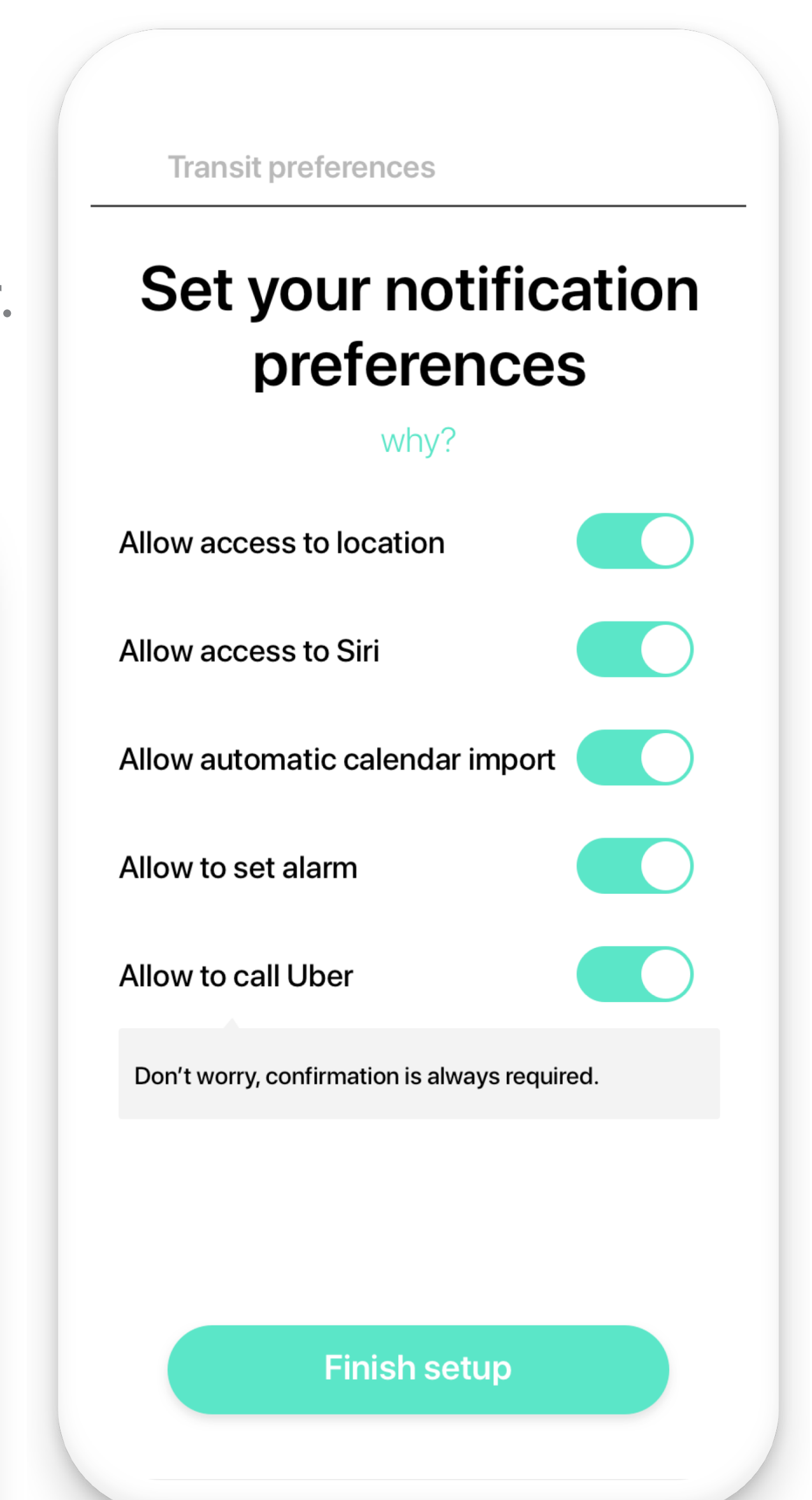
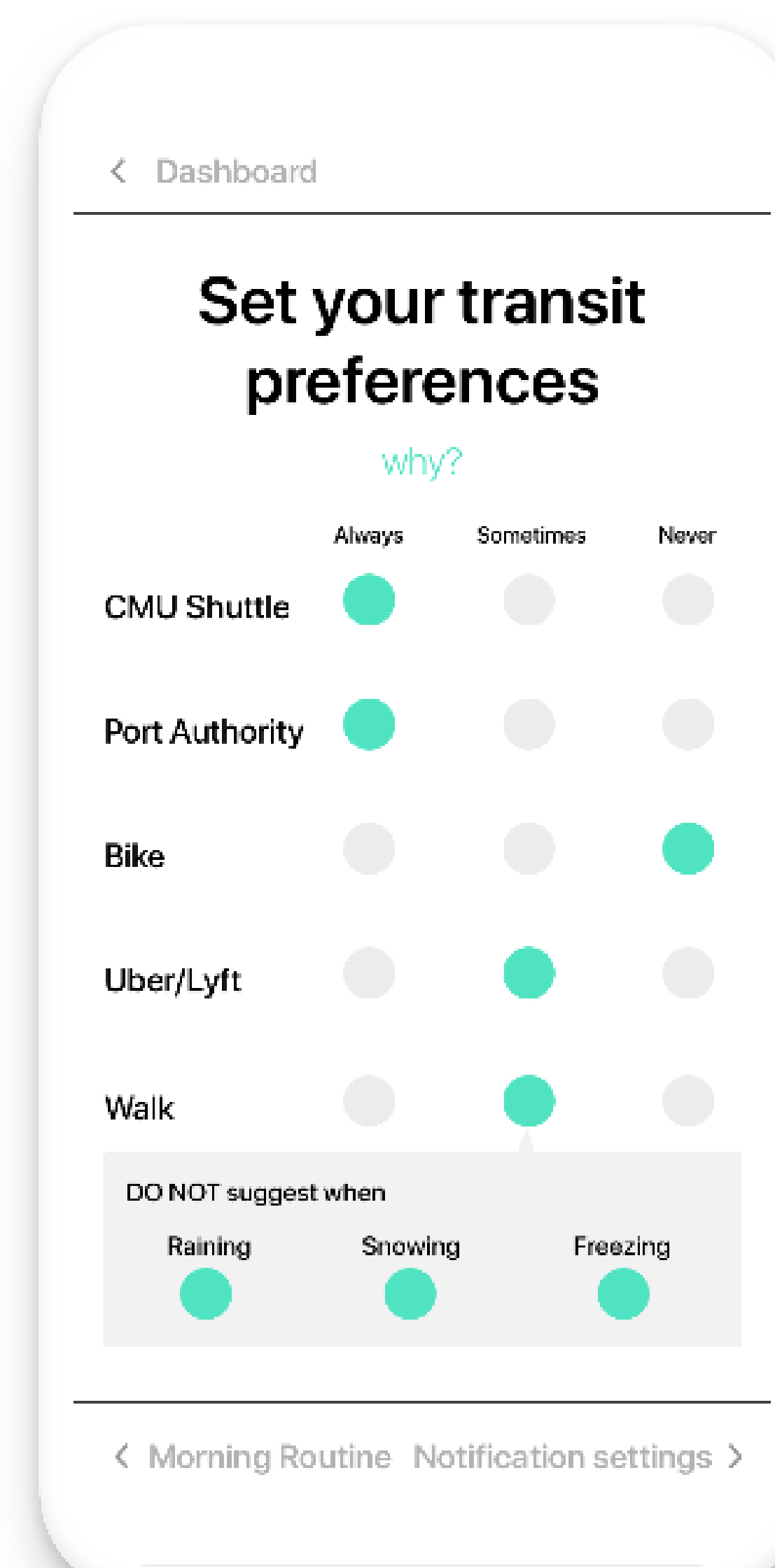
OnTime studies your timeliness in order to help you stay organized and prepared to get to campus.



Once the personalization preferences is set, OnTime will provide information about the form of transportation that best fits the situation.



OnTime lets users choose their preferred mode of travel, and factors in externalities such as weather.



Users are able to choose their level of engagement with OnTime at their discretion.