User Stories 16-17 Requirements

# User Story 16

As a user, I want to be able to arbitrarily add some other locations to the app and to my schedules, so that I can plan in regular lunch destinations or walks for exercise between classes.

## Functional User Requirements:

1. The system shall allow the user to add destinations to their schedule that do not correspond to classes.

## Functional System Requirements:

1. The system shall allow the user to add destinations to their saved schedules by using either the building number or physical address.
2. The system shall allow the user to label these destinations in their saved schedules.

## Non-Functional Requirements:

1. The system shall be implemented such that destinations not related to classes are easily added, modified, or removed by the user.

# User Story 17

As a user, I want to be able to add arbitrary locations which will only be considered on that dayonly, and not saved to the schedule for use on other days, so that I can benefit from the features of the app even with short-term plans without inconveniencing myself by having to remove destinations from the schedule again later.

## Functional User Requirements:

1. The system shall allow the user to add locations to an existing schedule before route generation that will not be permanently saved to that schedule.

## Functional System Requirements:

1. The system shall allow the user to add locations to their route request based on either a building number or physical address.
2. The system shall not write temporary destinations to a saved schedule.
3. The system shall pass a local schedule copy, including both saved and temporary destinations, to the mapping engine after a user requests a route.

## Non-Functional Requirements:

1. The system shall send a route request to the mapping engine within 3 seconds of the user selecting “Request Route”, 95% of the time.