User Experience:
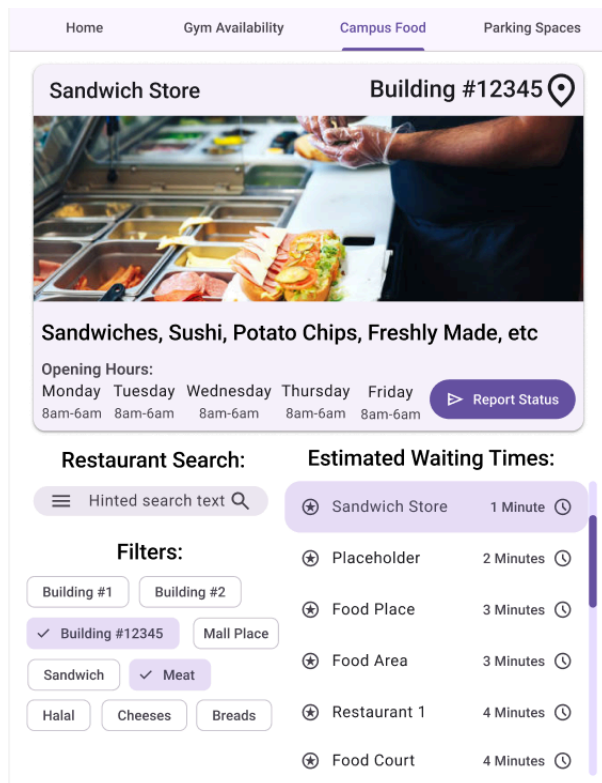
There will be one tab for each relevant service - one for gym availability, one for campus food, one for parking spaces, as well as a home tab. The home tab will simply have 3 buttons to redirect to one of the other tabs.

Campus Food:

For the campus food search, directness, simplicity, and ease of access to information is prioritized - if a user is in enough of a rush to have to optimize restaurant waiting times, they probably don't have time to sift through paragraphs of info. To that end, there is a list, "estimated waiting times," which ranks the restaurants in UTM for projected wait time on that week day, allowing them to quickly see which restaurants are fastest.

When the user clicks on any given entry on the list, like "Sandwich Store" as shown in the graphic, a popup appears, showing which building the restaurant is in, its opening hours, a rough summary of its selling points ("fresh organic food," "halal", "sushi", etc), and a "report status button," which allows the user to make a report of that restaurants current wait time.

To the left of the estimated waiting times list, a set of filters allows the user to more efficiently filter the results shown, most likely to narrow the list down to the building they're in/closest to, so they don't have to walk as long.
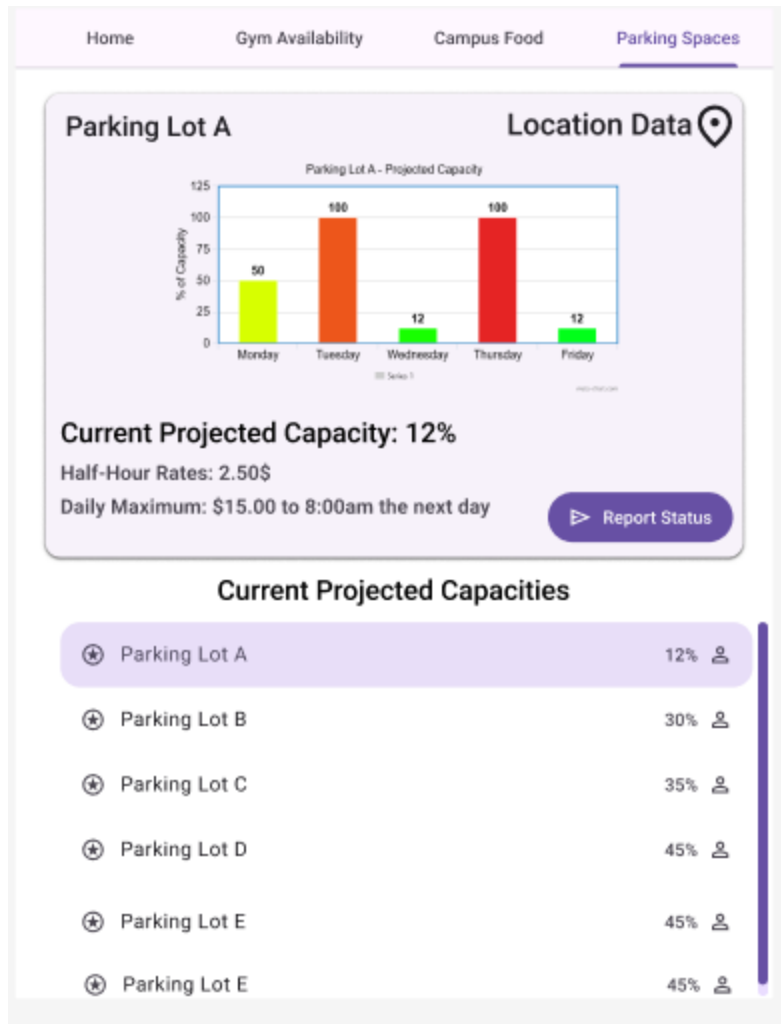
Gym Availability:
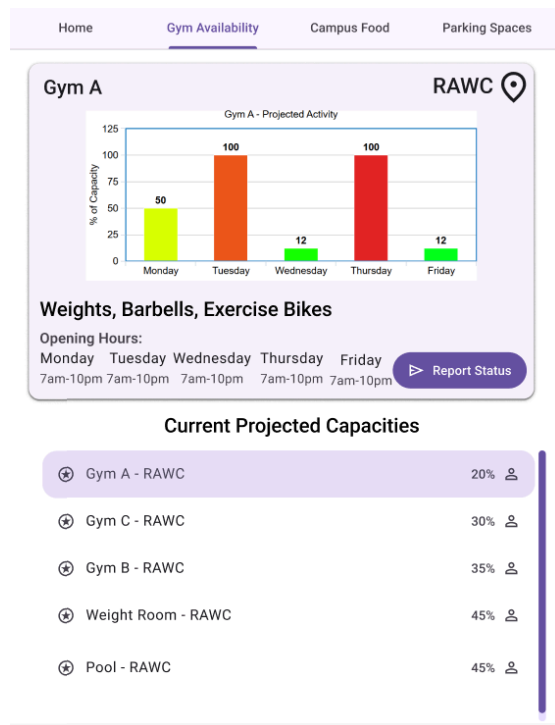
For the Gym Availability tab, there will be a list with each room within the RAWC which will have an estimated capacity percentage, where 100% indicates the room is completely full and 0% indicates the room is empty. There will be a color grading from green to red to make this intuitively understandable for the user.

When the user clicks on any given entry on the list representing a specific room (such as courts, the pool, or different fitness rooms), a popup will appear with all hours for that room along with any accompanying information,asking the user if they would like to submit a report, and if they choose to do so, a small prompt will appear asking 2 questions:

1) Did you go here?
2) How full is this room 0-100?

This response will be used to influence the estimates for other users.

Parking Spaces:

The parking spaces tab will be much like the gym availability tab in that it will indicate the estimated capacity percentage from 0-100% for each parking lot at UTM. This will feature a list containing each parking lot with its corresponding percentage in its appropriate color grading.

When the user clicks on a specific parking lot, a popup will appear with the general size of the parking lot, location and the rates to park there (or parking passes that allow you to park there). A button that gives the user the option to submit a report will also appear, which will act exactly the same as the gym availability button.