

Interview 1

Facilitator: Drew

Observer: Luís

Allow location

He allows to google maps and it helps him, thus he thinks that he should do that for our app

Allow notifications

He allows because it will tell him when to move his car. If it was going to send notifications like “you are near a spot” he would not

EXPLORE

He would zoom in and out and press the “My location button” to go back.

He likes the map, because he feels he has more control over what is happening

TASK

He tapped the search bar and typed Dana

Heat map

He identified correctly what the colors represent

GET MORE INFO

He zoomed in in Dana to see more info about the parking in Dana 2

ADDITIONAL COMMENTS

If he knows there is a spot he will close the app and just go there

He asked about the precision of the number of the spots left

Share button is not intuitive 4

He would use the “i” button to change from terrain to map, but would prefer a “settings” icon 3

Interview 2

Facilitator: Luís

Observer: Drew

**He clicked allow. He said that if it would help make the app more accurate if he chose this option, it is worth it.**

**If it would send him any notifications other than warning him of being in a 15 minute spot, then he would chose this option.**

**If it was just for the 15 min spot, notifications would be okay.**

This next screen is the main screen of the app, and is the first screen you see every time you open the app other than the first time. What do you want to click on? Why? (follow up with the same questions for each button they touch) Walk me through what you think each button does.

**He tried to pinch to zoom on a parking lot to see how full it is, and to get some more specific information. 3**

task: search for the dana parking lot.

**tapped the search bar, typed in dana**

task: then see how full it is.

**tapped on dana parking lot, also attempted to pinch to zoom. 3**

What else do you want from this interface that it doesn't offer? If you wanted to know more information, what would it be?

**Doesn't like the buttons, thought the information button wasn't representative of what it did. Liked the "locate myself" button, didn't think anyone would use the share my location button. 1**

Was anything confusing or hard to use? What was straight-forward?

**Everything else looked good.**

### Interview 3

Facilitator: Alice

Observer: AC

She thinks allowing location for the apps she wants to use is fine. She will not allow the apps doesn't need location data necessarily to access her location data.

She thinks we will push you notifications about if you parked at a proper spot. She thinks we can send her notifications about where the closest available parking spot is while you are on your way to your destination.

This next screen is the main screen of the app, and is the first screen you see every time you open the app other than the first time. What do you want to click on? Why? (follow up with the same questions for each button they touch) Walk me through what you think each button does. Search. Because she can search if a parking lot is for students or faculties. She also expects to be provided with all the parking lots she can park at around a building she searches for.

Location icon: navigate. 3

Share button: share the location image with your friends using a third party app.

Info icon: Information to contact you. 3

Navigation icon: show the route to your destination.

Tap on a parking lot: name and number of cars parked will be shown.

task: search for the dana parking lot.

Search in the search bar.

task: then see how full it is.

Tap the specific parking lot.

What else do you want from this interface that it doesn't offer? If you wanted to know more information, what would it be?

An estimate of how long she needs to wait until a spot is free at a parking lot. When she searches, she wants to see this information.

Was anything confusing or hard to use? What was straight-forward?

Everything was straight-forward.

#### Interview 4

Facilitator: AC

Observer: Alice

The interview went well except that he said that most of the things for our app is not useful. **2**  
He could not see why we are trying to use the search bar for searching for a destination because everybody on campus know where are the buildings are and where is the parking lot around that building if they drive. **3**

The "share your location" button is also useless because people just would not share their location about a parking lot with anyone else. Also he thinks that the apple built-in tool kit looks too ugly. **3**

He thinks that for our app, we only need to have a picture with each parking lot marked on there and just have the occupancy shown in a pop up window would be fine. **1**

He also wanted to know how would we implement this because we do not have sensors. **1**

He said that it would be better if we can mark out which lot is for faculty and which is for students and which is for faculty members, if there are specific place that is for faculty members in a student lot, we should mark that out too. **1**

He thinks that the color we used in the app can clearly show the occupancy of the parking lot.