Crows GPS

Hunt Statement
Will explore students enrolled at the University of Washington Bothell and examine the difficulties they face when parking on campus. As a result, will uncover human behaviors, norms, and psychological triggers. We'll identify Global Positioning Systems (GPS) will impact the need for a stress-free experience for students when parking on campus.

Research Plan
Our research plan includes conducting interviews and ethnographic observations of parking lots/spaces on campus. We are planning on doing interviews during the allotted class time as well as interviews with students not taking CSS 480. The notes gathered from these observations and interviews will then be used to create our requirements and solidify the direction of our project.

Interview Questions
Current GPS Usage
- What kind of GPS systems or apps do you use?

    - Can you walk through the steps of how you use the system/app?
    - How often do you use the system/app?
    - What information does the system/app present to you as you use it?
        - ex : walking/driving distance, estimated time of arrival, notification,different routes, weather condition effects
    - What features or functionalities do you like about it?
    - What are features or functionalities that make it difficult to use?
- What was a situation where you used this device/application?
    - How was this device/application helpful to you in this situation?
    - How was this device/application not helpful in this situation? Did you find yourself in a situation that it the device/application was difficult to use?
- Overall, if you could improve this GPS device/application, what would you change and add?
- What personal information do you expect to give when using a GPS device/application?
    - Ex: Location, Account information (email/password)

Parking
- How do you usually get to campus?
    - Do you ever carpool?
- When do you typically get to campus to park?
    - Do these times usually differ?
- Where do you usually park on campus? Why?
    - Does where you park ever change?

- Have you ever forgotten where you parked on campus?
    - If so, what did you do?
    - If not, do you just generally remember where you parked?
- What emotions do you feel when searching for parking?
- When was a situation where you couldn't find parking?
    - What did you ultimately do?
    - How often do you have trouble finding parking?
    - Have you ever been late as a result?
        - Have you ever missed out on an opportunities due to difficulty finding parking?
- If there was an app that could reliably direct you to an empty parking spot, how would you expect to use it?

UWB GPS
- Do you ever use/navigate your phone while driving?
    - If so, how? (voice/manual)
    - What do you do on the phone?
- How often do you use reminders and notifications to manage time and getting things done?
    - (If they do use notifications) What software/system do you use?
        - What types of notifications do you set?
        - How does it notify you?
        - How much customization goes into setting these notifications and reminders?
    - What do you think about notification alerts built into the GPS to help with time management in getting to school and class on time?
        - How might you see yourself using it?
    - What do you think about the UWB GPS connecting to your canvas/myUW to know your class schedule to notify you on the best time to leave for school?
        - Do you see yourself utilizing this function?
- Through what devices do you see yourself using the parking assist app?
- What are your thoughts on a "Reserve a Spot" function?
- What are some other features that you'd particularly like to see in the the UWB application?
    - Why do you think these additions would be helpful for you?