Test Objectives

- ➔ On first impression, is this recognizable to you as a PH water tracking app? What are your initial thoughts about the design?
- ➔ Do the features feel intuitive and useful?
- ➔ Does the branding feel friendly but trustworthy?
- ➔ Does anything feel complicated or overwhelming?

Test Subject

Mid-fidelity prototype for Nibì application.

Test Methodology

Inperson: Wizard of Oz method in classroom

Participant

5 Participants
Users who are university students pursuring an arts degree

Recruiting Plan

Personal networks and strangers that fit the demographic in proximity.

Script Procedure

Good morning/afternoon {insert participant name}, thank you for taking the time to conduct this short test. For context our objective is to create a fictitious prototype with a heavily researched inquiry that will allow Indigenous peoples to measure the pH levels of water, bacteria, and mineral levels. The prototype will have a geological orientation. When the user tests the cleanliness of the water two sets of feedback will be returned. Either the analytics of the water is favorable to drink and a ping will be sent to the mobile/desktop application where users provincially can receive up-to-date analytics of water quality within geographical areas of Ontario, if the water is not favorable the second feedback will arise and a ping will be sent to a provincial department within the *Government of Canada* with the data and geographical location. Sanitization workers will be sent to that area to find a solution to improve the water quality at that specific reserve.

We want to create a system that will encourage a more favorable channel of communication between Indigenous peoples, residents of Ontario, and the Provincial government or other charitable parties.

Perfect, now since you are caught up let's get into the test itself. We would like you to obtain this pH monitor and insert the lower half of the device into the water. While inserted, please press this button which will obtain information analysis of the water. Once you've finished pressing the button the water analytics and your corresponding geographical location will be transmitted to your mobile/desktop application. Please view the monitor to review the information analysis.

Before we begin the simulation, do you give us proper consent to record observation notes and to review a questionnaire about your experience afterwards? Thank you.
Thank you, this is now the end of the test. We would like to ask you some questions about your experience.

Scenario 1

You look at your phone and see that you have to connect the bluetooth PH device to your phone. What action do you want to take?
- How do you feel about that experience?

Scenario 2

You need to place the pH device into the cup of water. Walk me through how you would input this info.
- How did you feel about that experience?
- Is there anything that felt lacking or confusing?

Scenario 3

You see that you have to remove the pH device from the cup of water.

- When looking at that, where do you think pressing the button will take you?

Click on it, and read the new analysis

- How did you feel about that experience?
- Is there anything that felt lacking or confusing?

Tasks, Errands

- How do you feel about the process of inputting the pH device into the cup of water?
- How do you feel about being able to sync the water analysis infomration to your mobile device?
- How do you feel about being able to review Nibì real time water data anayslis on the mobile application?

- Did anything feel confusing or out of place?
- Did you enjoy anything or feel that anything was lacking?

Test Goals

To observe users' interactions with the app and evaluate their experiences with the key features.

To identify potential pain points.

To define the quality of accessibility, flow, navigation, information architecture, and general design of the addition.

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