**Product Backlog**

**for**

### Interactive Map of UWO (with Plants)

**Version: 1.0**

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**Product Description**

The product is an app that allows users to view UWOsh and interact with the plants on campus. This app would allow users to learn more about the plants around UWOsh and also find where they are. This app is focused on people interested in nature. This app would solve the problems nature lovers have when trying to find plants on campus or wanting to learn more.

**Functional Requirements**

1).As a User,

I want to be able to search all available plants,

so that I can track plants on the UW-Oshkosh main campus. [BW]

Story points: 5

2).As a User,

I want to have a map of the UWO main campus visible in-app,

So that I can locate plants relative to my position. [RL]

Story points: 3

3). As a User,

I want to click on a plant on the map and get said plants’s information,

So that I can learn more about plants on-campus.

(genus/species, frequency on-campus, etc). [BW]

Story points: 2

4).As a User,

I want to be able to use the app as a GPS,

So that I can locate a given plant on-campus. [RL]

Story points: 3

5). As a User,

I want to be able to locate myself,

so that I can know my location on-campus at any given time, [JH]

Story points: 3

6). As a User,

I want to be able to see all plants in my vicinity,

So that I can find new plants to learn about near me. [SK]

Story points: 3

7).As a User,

I want to have the option of being given compass directions,

So that I get better directions on-foot. [RL]

Story points:

8). As a User,

I want to have a history of plants searched,

So that I can see which plants I have previously searched, [SK]

Story points: 2

9). As a User,

I want to be able to download a copy of both the map and my search history,

So that I can use the app without an internet connection. [JH]

Story points: 3

**Proposed Technical Setup**

This project will be implemented in .NET MAUI using a SQL database.

**Lo-Fi User Interface**

Link: <https://rudy287162.invisionapp.com/freehand/App-Storyboard-for-CS341-jxn1wjQSd?dsid_h=ab1186b0e3d3e64a192050687e7b2b30df33f51abd7667209a6a07b276dc99fa&uid_h=ca461f2675ffd95b5d9855ac0d2d617d7606fa31ffbec24c48d5e1a25df60e38>

