

## Milestone 1

For this app i want to make a plant water tracker that will utilize a collection view to display the various plant the user adds. You will add a new plant giving it a name and a type and a new cell in the collection view will appear with the corresponding icon to match the plant type. If you click on the app you will be able to "Water it" which will change some text that will tell you if you have watered it recently. This view will also supply the user with information about the plant and the recommended watering cycle, sunlight cycle and other information to help the plant growth. The inspiration for the app comes from me and my girlfriend never knowing when we should water out succulents and how much sunlight they should get in a day. After doing some research there are some apps that try to accomplish the same task but they are more like games than an organization app. This app will be different because the user will be able to see all there plants individually and the information that will yield the best growth possible. I will have to gather this information via gardening website which will take some time up front i plan to store the information in a plist so that i can be accessed as needed. At the moment i believe i will use an array of dictionaries to hold the information of each plant with the plant type being the key and the corresponding information as the values.