**Houseplant catalogue and watering reminders**

**What is the problem/service?**

Houseplants are a popular way to add a bit of life to the home, but with so many varieties, it can be hard to keep track of the care and watering needed for each plant. It can be especially intimidating for beginners and self-proclaimed “Black-thumbs”, who might want to have plants around but believe they will kill any plants they own. With the right plant and watering schedule though, anyone should be able to keep houseplants. While there are a multitude of plant care apps available in the app store, they require that the user knows exactly what their plant needs to set up a schedule. In contrast, the proposed service would automate scheduling and help build up a user’s knowledge.

**Why it is important?**

There are a number of known physical and psychological health benefits to keeping plants, but they cost time and money to own. When a plant dies, not only is that time and money gone, but it’s disheartening to see a plant you’ve been tending to fade to nothing.

**How are you going to solve it?**

To minimize plant deaths, the proposed system would allow a user to catalogue the plants they own by taking a photo of the plant or selecting the plant by name. These plants would be connected to care instructions and tips based on a database of plant types and send watering reminders based on the plant’s size and needs. Each time a user opens the notification to water their plant, they would be prompted with additional instructions, depending on their experience level. These prompts would also be used to determine if the plant might need more or less time between watering.

**What kind of system will it be?**

The system would be implemented as a mobile application. This would allow for easy access to plant information whether the user might be around their house checking on their plants or at the store looking at new plants. This would also create the most opportunities for the user to see push notifications for the care of their plants.