

Growlist

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Introduction to App

What it is

- An Android app to track the user's collection of plants along with info related to each individual plant, such as pictures and notes.

Motivation

- Lack of well suited solutions for tracking and managing large collections of plants for enthusiasts.

Customer Value

- Simple, lightweight app to allow users to track their collections.
- Allows for basic sorting to make finding items easier
- Allows users to connect pictures and add notes to each item in their collection for better record keeping
- Easier to use and more features than current popular solutions, such as Excel

Goals

- Create a simple interface
- Accomodate large lists of plants
- Allow users to add, view, and edit list items

Approach

- Reduce app to core functions, build from ground up
- Add individual features once core was in place

Technology

- Android Studio (Eclipse based IDE) for development and debugging of app
- Github for sharing code, tracking issues, sprints, and maintaining different build versions
- Groupme for communication
- Discord for finding “Alpha Testers”



Demo



Challenges

- Sharing functionality
- Slow/Bad performance when lists got too big
- Delegating work and creating a schedule

Moving Forward

- Allow users to edit fields of list items
- Move from plant specific collections to general collections and inventory
- Allow users to export/import lists