

# **Release Summary - GrowMyGarden**

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## **User Stories and Acceptance Criteria**

1. As a user, I want to create a list of my plants
  - a. Be able to create and delete plants when not signed in
  - b. Be able to create and delete plants when signed in
  - c. Plant data is saved even when I log out
2. As a user, I want a reminder of when to water/change soil/trim my plants so that they don't die
  - a. Create a notification for watering/fertilizing/trimming that sends
  - b. Enable/Disable existing notification
3. As a user, I want to be able to login to view my own personal information and data about my plants
  - a. Be able to create an account and be able to log into it
  - b. Login stays persistent even when closing app
  - c. Be able to log in using a google or apple account
  - d. Be able to reset password when I forget it
  - e. Be able to log in as a guest
4. As a user, I want to be able to look up a plant and get the growing information on it.
  - a. Be able to look up information about plants that the app has data about
5. As a user, I want to view my collection of unique plants ("PlantBook")
  - a. Be able to view all the plants and their photos that are currently saved inside the plant book
  - b. Be able to add new plants to the plant book as well as view them

## **Product Backlog**

- As a user I want care information to be automatically generated based on my plant type so I don't care for it wrong and to create reminders faster
- As a user I want to see my reminders on my calendar
- As a user, I want to be able to see deceased plants in a graveyard.

## **Known Problems**

1. Notification data and settings are not updating properly, specifically when turning on the notifications in plant creation. It does not seem like the app registers to start putting out notifications until you open the drop-down menu of the plant and turn the notification off and on again
2. The search functionality is mostly complete, although there are some limitations. One

major one is the request limit, as well as some information being filled in with a string saying we need a more premium account.

3. Plant information is pulled straight from the API and not stored in a local database. This is only really a problem because our free plan only allows 100 requests a day. If we had upgraded the plan, this would not be an issue.
4. The image in the plantbook updates slowly. There is noticeable lag. The user's uploaded image is supposed to be overridden by the plant image from the database, but that replacement happens too slowly for now.