

Plant Logging App

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Description

As an avid botany enthusiast, I often find myself jotting down notes sporadically and looking up certain information about my plants repeatedly.

This application serves as a central place to store and access information about the user's plant collection and plant histories.



Features

- Users can see their plant collection in an overview on the application's landing page. Clicking on a plant brings up care information and history
- Users can easily add new plants with the add plant wizard



Planning - User Stories

- Users can view an overview of their plants and the basic care details
- Users can view specific needs for each plant, including fertilizer ratio and light preferences as well as plant histories
- Users can add new plant and specify light, water, and fertilizer preferences



Planning - Database

Plants Schema

- Plant ID
- Common Name
- Botanical Name
- Acquisition Date
- Location
- Care Preferences

Events Schema

- Plant ID
- Event ID
- Event Type
- Event Date
- Notes



Technology Stack

- JavaScript
- React.js
- Nest.ts
- MongoDB/Mongoose
- Material UI
- Pantry API Storage



Demo

- <https://plant-app-80e16.web.app/>



What I Learned

- Nest and Mongoose
- How to deploy a production application
- How to structure and build a REST API



What's Next

- Add care form
- Plant care histories
- Google Authentication through Firebase
- Host API through Firebase
- Incorporate Genus profiles to add plant form for plants that share care needs and allowing the user to prefill those needs

