

# Water Me

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# Description

An 1-3 sentence elevator pitch version of your project description. What problem does it solve?

Tired of forgetting to water your plants? Use Water Me to create a watering schedule for your house plants so that you don't forget to water them ever again.



# Features

- User Authentication (Login & Registration Forms, Logging Out, Password Encryption, User Session)
- Generate Watering Schedule
- Add New Plants to Library (MySQL)
- List View of Plants in Database



# Planning - User Stories

- Project was motivated by the increasing trend of houseplants while not being able to keep a consistent watering schedule to avoid over/under-watering of plants
- Useful for anyone that has a growing collection of plants that require special watering schedules. Users may customize by adding new plants to the library and designating the number of days between waterings



# Planning - Database

- Primary database tables are for the plants and users
  - Additional database table was created for the plant type. For future use this might be expanded upon to allow users to add different plant types that do not already exist in the database



# Technology Stack

- Language: Java
- Framework: Spring Boot
- Template engine: Thymeleaf
- SQL Server database
- IntelliJ IDEA Community Edition



# Demo



# What I Learned

- New technique (for example, connecting to an API or creating an admin dashboard) **Google Calendar API...pending**





# What's Next

- Finish working on the Water Me feature
- Google Calendar API - Add events to the user's Google Calendar
- Updating the UI - Allow users to add photos of the plant; Making the UI more visually appealing

