



# GardenNook

By Juli G



# About GardenNook

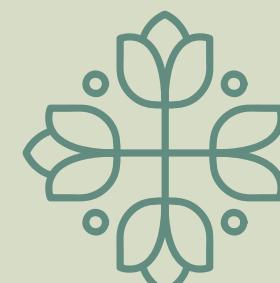


## DESCRIPTION:

GardenNook helps users find information about a variety of plant species. Gardeners and plant enthusiasts can track their plants' progress as they thrive!

# What does GardenNook Do?

**SEARCH, TRACK,  
AND DOCUMENT A  
VARIETY OF PLANT  
SPECIES**



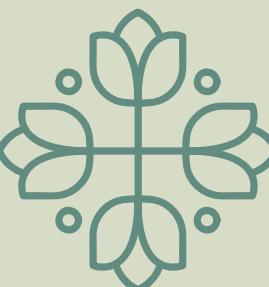
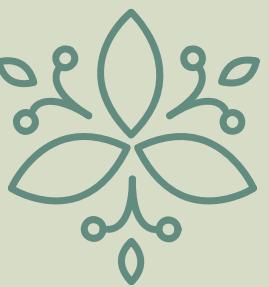
Users can search care instructions for a variety of plant species

Users can create a profile where they can upload details about plants they care for over time

Users can view and edit details of each plant they document – they can view charts as well

Users can delete plants they add to their profile

# What problems does GardenNook Solve?



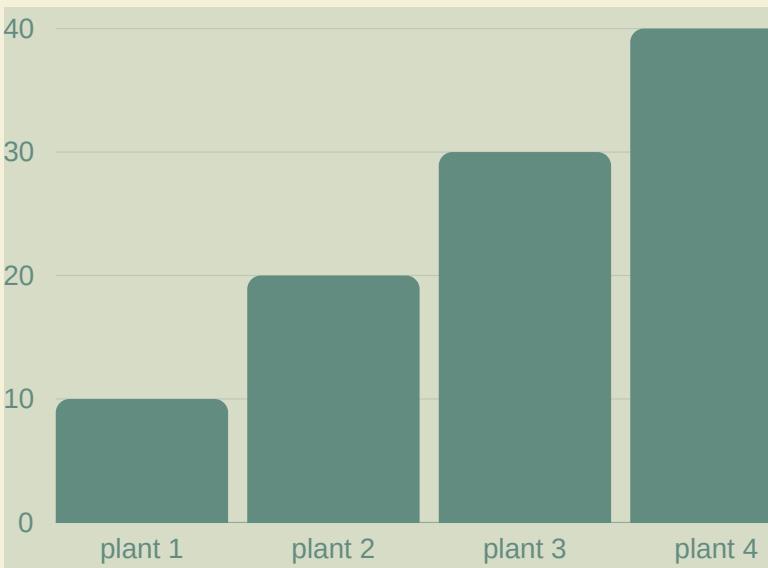
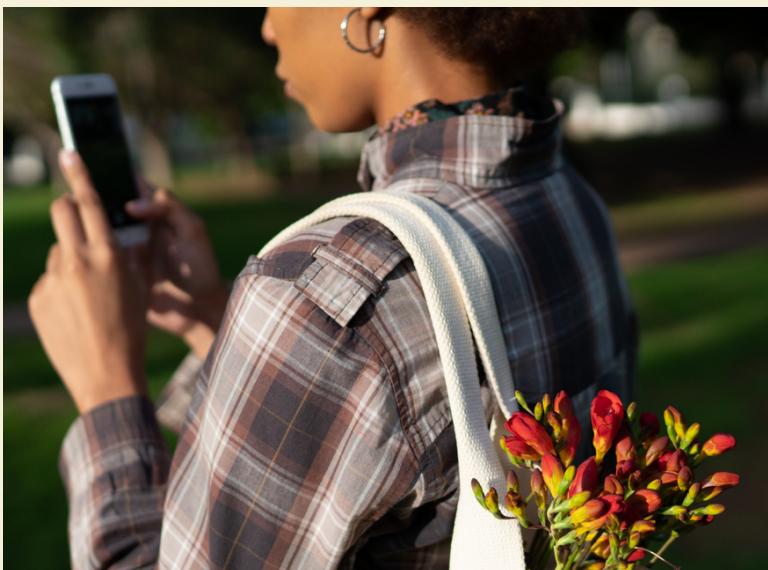
**Centralized Information:** Users can access all plant care information in one place. Instead of searching for care instructions online or relying on scattered notes, users can conveniently find all the information they need within the app.

**Personalized Care:** The app provides tailored care instructions based on the specific plant species uploaded by the user. This personalized approach ensures that users receive accurate guidance tailored to the needs of each plant in their care.

**Progress Tracking:** Users can easily track the progress of their plants over time within the app. This includes monitoring growth, flowering, and any changes in plant health. Having this information readily available helps users identify trends and make informed decisions about their plant care routines.

**Easy Data Entry:** The app's user-friendly interface simplifies the process of adding and updating plant information. With intuitive input forms and options for uploading photos, users can quickly and easily record details about their plants without any hassle.

# User Journey



## REGISTER

Create a profile seamlessly

## LOG IN

To track and visualize progress of plants users care for

## ALL USERS

Are welcome to search details of a variety of plant species to learn more about plants they care for

# Who is GardenNook for?



NEASA KIDIST

Interior Designer

Very busy with her career as an interior designer; she has no time to learn or care for plants. With this app she can seamlessly search for easy to care for indoor plants to assist her clients better, since her clients think indoor plant enhance their living spaces.



AYLEN CHRISTER

Gardening Enthusiast

A beginner who doesn't know where to start and wants to learn more about plant care to create her own garden nook in an easy accessible way that isn't time consuming.

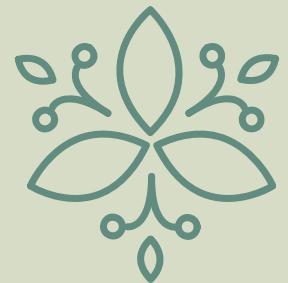


KYRA EWLINA

College Student

Studying horticulture at the university she attends – she finds this app very useful to track her plants' progress both indoors, and in her backyard garden. Helps with college projects.

# Designing GardenNook: API, ERD, and JS Packages



**Plant Api to search variety  
of Species:**

<https://perenual.com/docs/api>

**Chart.js to create visuals of  
plant data user inputs:**

<https://www.chartjs.org/docs/latest/charts/line.html>

**ERD:**

<https://dbdiagram.io/d/PlantPulse-6614075c03593b6b617b15f3>

# ERD: Database Design

plants	
<b>id</b> ↪	integer →
userId	varchar ←
name	varchar
species	varchar
careInstructions	text
wateringFrequency	integer
sunlight	integer
imageURI	varchar

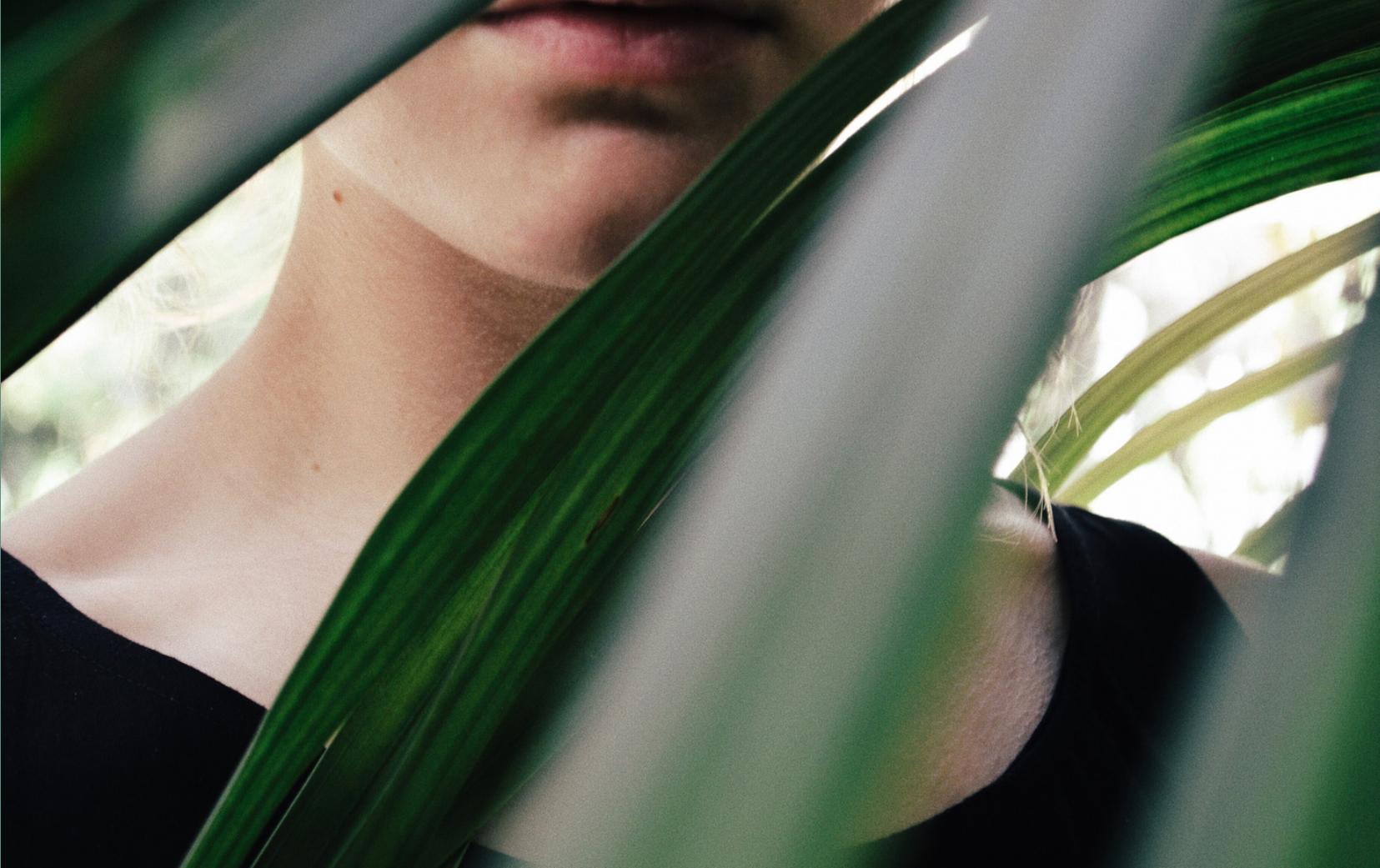
  

users	
<b>id</b> ↪	integer →
username	varchar(20)
password	varchar(20)
email	varchar

careLog	
<b>id</b> ↪	integer
imageUrl	varchar
plantId	integer →
careDate	varchar
action	varchar





## PHYSICAL BOTANIC GARDEN

Landing page will have a link of Botanic Haven for gardeners and enthusiasts to donate plants



## ONLINE

Dashboard (not logged in) Will have a search bar to search a variety of plant species. Logged in users will be able to view details of plants they are tracking