

LEAFYLIFE



Made by:
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OVERVIEW

- **App Name:** LeafyLife
- **App Description:** LeafyLife is an app that can provide plant suggestions to those that want to grow plants from the seed, and give all the tactical details on how to raise the plants.
- **Track:** Youth Individual
- **Category:** Climate and sustainability



THEME

LeafyLife tackles air pollution by connecting plant enthusiasts, discovering air-purifying plants for cleaner air. My love for plants and their natural air-purifying abilities inspired me to create this app. With biodiversity declining and air quality worsening, I was determined to empower individuals to contribute to a greener world. LeafyLife educates users on the unique benefits of each plant and fosters a community that shares successes and collaborates on environmental initiatives. By nurturing a sustainable planet, we can embrace a greener lifestyle, celebrate the magic of plants, and make the world a purer, healthier place.



INSTRUCTIONS



Signup/Login

Welcome to
LeafyLife

Username
[input field]

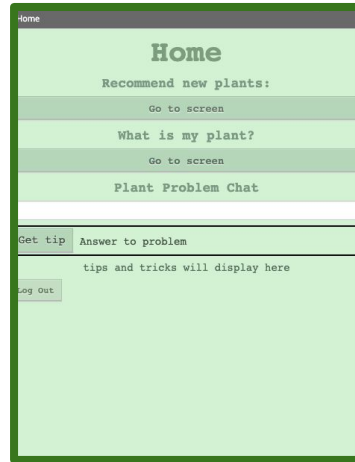
Password
[input field]

Message will display here

Signup

Login

Step 1: Sign in, or make an account.
- if you haven't made an account yet, type in a username, and a password



Home

Recommend new plants:
Go to screen

What is my plant?
Go to screen

Plant Problem Chat

Get tip Answer to problem

tips and tricks will display here

Log Out

Step 2: Choose if you want to get plant recommendations based on your needs, find out what a plant is, or get answers to a problem with plants in your home



Filters

Welcome to LeafyLife

Please check off what type of plant you like: (pick one)

<input type="checkbox"/> Trees	<input type="checkbox"/> Flowers
<input type="checkbox"/> Fruits & Veggies	<input type="checkbox"/> Vines/Climbers
<input type="checkbox"/> Herbs	<input type="checkbox"/> Succulents
<input type="checkbox"/> Grasses	<input type="checkbox"/> Other

What location or climate zone do you live in?

Do you plan on putting the plants:

Inside Outside

How much sunlight is available?

None A little Medium A lot

SUBMIT

Step 3: Here is the page to get plant recommendations:
- follow the instructions given, and click the submit button when done



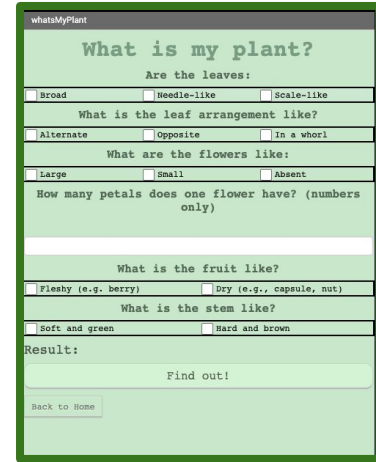
INSTRUCTIONS



Step 4: See the plants that will fill in from the chatbot's recommendations.



Step 5: Read over the information about the plant



Step 6: If you don't know what a plant is you can get an answer from the chatbot that fits the criteria.

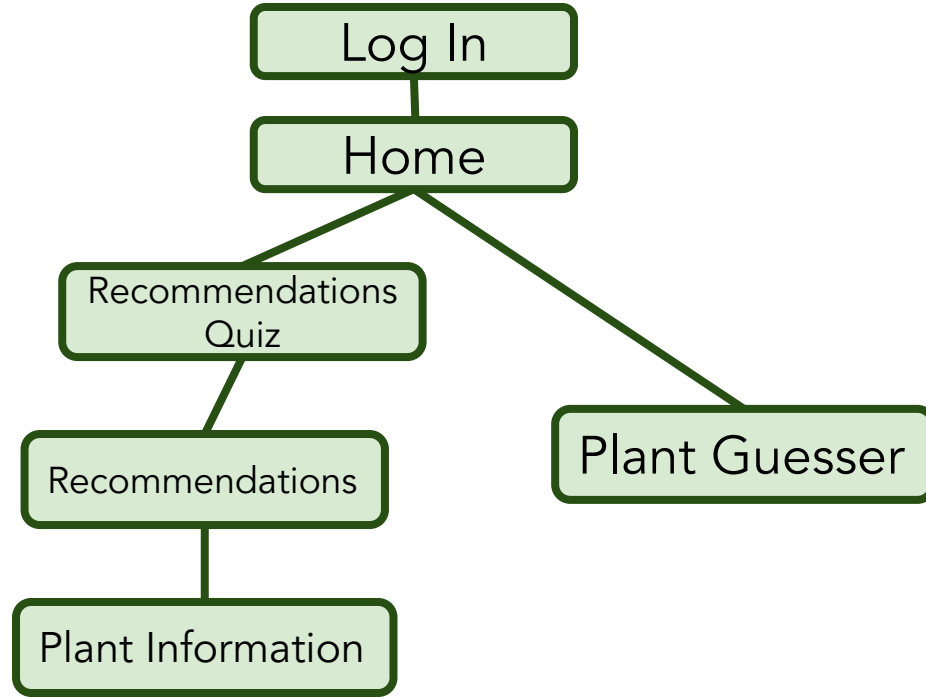


LIMITATIONS

The app may be limited in not having the most updated database of plants, therefore not including some lesser-known and unique species of plants. It also could not fit the user's preferences that well, even after the user query quiz. The ChatBot could also have errors due to the quota that restricts the usage.



FLOW CHART



ACKNOWLEDGEMENTS

Please list the names of anyone who helped you with developing your app, and describe what type of help they provided.

- Dr. Meng, who is the teacher who taught me how to make apps using MIT app inventor in the first place.
- My parents, because they helped me add features to my app.

