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Documentation

What is it and what is its purpose?

PetalPedia is an app for flowers that helps users get all the pertinent info they may need when starting to grow said flower/s. It includes information such as soil moisture, amount of light needed, and what zones the plants will grow best in.

What part of your app does the API handle?

The API keeps track of the flowers in question. Users can add their own flowers or scroll through the pre-loaded list.

What went right and what went wrong?

- Right
 - Looks cute, functions well
 - Makes different requests and uses all status codes required
 - I think it hits all of the requirements
 - Searches for flowers (above and beyond)
 - Adds and updates flowers
- Wrong
 - Spent too much time trying to get background image to load
 - Spent too much time trying to get the flower cards to display correctly
 - Spent too much time implementing the HEAD request in a way that worked ok
 - Confusing to figure out how to implement correctly, as it wasn't really needed. You can make a HEAD request by clicking on the title of the application. Upon click, the flower cards disappear, and the bold text just says 'Flowers'.
 - Ideally, the get request would run automatically after you add a flower, but it still works

If you were to continue, what would you do to improve your app?

- Streamline the design even more
- Better implement HEAD requests, as noted above
- Actually create a search field/input for the searchFlower functionality
 - Create page or better display result

How did you go above and beyond?

- CSS - Personally, I think that this is a nice looking app. It's not the cleanest design, but I think it's kind of cute and I took the time to position things in a way that I felt worked the best, given its structure.

- I also made a simple custom 404 page that loads when the user tries to go to a nonexistent URL.
- Search for a specific flower by name.
 - If you go to <https://petalpedia.herokuapp.com/searchFlower?name=>
 - And input a name to the URL, the app will give back either the JSON for the flower with that unique name or an empty object if the name does not exist. If you try to navigate to just /searchFlower with no query param, you will be directed to a JSON object that says you are missing a valid name.