

My Work - Daniel C - Group 4 - GreenThumb

- Top product search and display on homepage
- Setting up the backend MongoDB database to store product and user information
- Using Cloudinary links to store images
- Admin login page to verify credentials before editing products
- Admin page to edit and view products in the database

Artifacts:

- GitHub: <https://github.com/B4GT/GreenThumb/tree/Daniel>
- All reports after and including R11.txt in my course directory
- files by me in /courses/cs410/s26/hdeblois/GROUP2/longproj02/t4

Site:

<https://www.cs.umb.edu/~hdeblois/cs410/longproj02/t4/GreenThumb/HTML/index.html>

NOTE: The admin pages and database are not yet on the deployed site

Search for Product:

This will search by both product name and keywords

Search Results:

The product selected from your search results will have its data written below.

Edit the fields and save to edit products. To add a new product, enter information without selecting


NOTE: productID, rating, and units sold can't be edited here. However, they can be directly edited

Product Name:

Description:

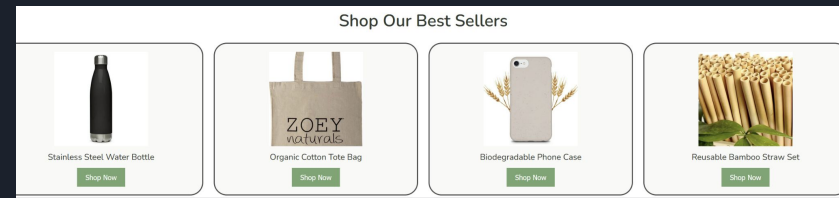
Image Links:

Image preview:



Price:

Key Words:





T-Shaped Skills

Improved Broad Skills:

- JavaScript and HTML- First time using JavaScript to read information from entry fields in HTML, making API requests, displaying information on HTML fields, etc.
- Security awareness - Making sure that secure information, like the .env file and admin page, is kept away from the public
- API Integration - Setting up the MongoDB database and connecting it to the site through backend routes

Improved Deep Skills:

- GitHub - Using different branches on GitHub to organize work for later integration
- Integrating multiple files - Using UI on the frontend to read and write on the backend, with some files being written by different people
- Testing and debugging - Logging errors on the site into the console and using them to fix errors



Comments and Future Plans

Comments:

- This was one of my first experiences converting specifications from a client into a product
- A lot of time was spent on clarifying and adjusting what needed to be added to the site
- It was difficult to learn HTML and JavaScript as we were working on the project

Future Plans:

- Get Admin pages working on the server
- Fix issues with npm and Node.js
- Edit other parts of the frontend to use the MongoDB database

Research paper - <https://cs.umb.edu/~dchan002/5807.pdf>