

App and Web Development

Project: Floral&Coral

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GitHub link: <https://github.com/AnnaTestova/annatestova.github.io.git>

Floral&Coral is an Aquarium Plants E-Commerce Website done specifically for this course.

There are some main features:

- Product Catalog displays aquarium plants, fetched from the backend database, as product cards showing names, price, short description and photos with a clean and responsive design.
- Simple admin routes to add new product cards directly to the database.
- In the Cart page users can add products through catalog page, view their added items, quantity of products and total price.
- RESTful API used for handling product retrieval, cart management and data saving via MongoDB

Challenges and Solutions:

- UI adjustments, for example, linking actions to backend routes and adjusting buttons significantly improved the overall user experience.
- Ensuring seamless communication between the frontend and backend APIs required careful handling.

Future Enhancements:

Due to the lack of my personal skills I wasn't able to implement PayPal payment system. So the main future enhancement would be adding payment gateway integration. Another feature would be enhancing UI/UX by adding animations and mobile responsiveness.