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Project Documentation: Shoppy - Organic Produce Store

Project Overview

The Shoppy e-commerce website features a cohesive design system implemented across three main pages. The site employs a sophisticated color palette with a primary navigation bar in rgb(91, 146, 223), complemented by distinct background colors for each section: purple (rgb(87, 92, 198)) for the homepage, and dark blue (rgb(61, 75, 94)) for both products and contact pages. The interface maintains consistent typography using Cambria font at 30px for navigation elements, with strategic white text highlighting for active pages. The products page implements a responsive 3x3 grid layout with items styled in rgb(141, 141, 189) backgrounds and black borders. Customer reviews on the homepage feature teal-colored containers (rgb(136, 207, 192)) with rounded corners, while the contact page utilizes a centered layout at 60% width for optimal form presentation. The design system ensures visual harmony through consistent spacing, with standardized margins and padding across all pages, complemented by responsive image handling that adapts to different screen sizes.

Technical Implementation- Omer Mohamed

- jQuery Plugins & UI Elements
- jQuery UI Autocomplete for product search
- jQuery Validation for contact form
- Custom animations for product hover effects
- Dynamic price calculator widget

AJAX Features- Mohamed Wodome

- Dynamic loading of customer reviews
- Contact form submission handling
- Error handling for failed requests
- JSON data integration for reviews

Responsive Design- Tamryn Hill

- Three-column grid layout for products
- Tablet breakpoint (768px)
- Mobile breakpoint (480px)
- Fluid image scaling
- Color Scheme
- Primary Navigation: rgb(91, 146, 223)
- Product Background: rgb(141, 141, 189)
- Comment Background: rgb(136, 207, 192)
- Error Messages: #ff6b6b

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File Structure-Tamryn Hill

- CSS: style.css, product.css, contact.css
- JavaScript: index.js, products.js, contact.js
- Data: reviews.json
- Images directory for product and reviewer photos

Testing Results-Tamryn Hill

- HTML validation passed
- CSS validation passed
- Cross-browser compatibility confirmed
- Mobile responsiveness verified
- Form validation working correctly
- AJAX functionality operational

External Resources

- jQuery 3.6.0
- jQuery UI 1.13.2
- jQuery Validation 1.19.5

Browser Compatibility

- Chrome (latest)
- Firefox (latest)
- Safari (latest)
- Edge (latest)