

Milestone 1:

1. Project Planning and Documentation:

- Conducted research on microservices architecture to assess its suitability for the project.
- Drafted a System Requirements Specification document.
- Documented the functional requirements of the project, detailing software functionality and user needs.
- Documented nonfunctional requirements, specifying system qualities (e.g., performance, security).
- Created and maintained product and sprint backlogs for task and priority management.

2. Architectural Planning:

- Developed a system architecture diagram illustrating the project's high-level structure and technology/framework choices.
- Outlined an architecture plan for frontend components to ensure structured frontend development.
- Planned dependencies and relationships between frontend components for a coherent development process.
- Initiated the setup of the project's database, laying the foundation for data storage and retrieval.

3. Design and Development Kickstart:

- Started the design phase of the SuperPrice web application.
- Created user stories with associated acceptance criteria to define project functionality and quality expectations.
- Created documentation outlining various use cases, describing how users will interact with the application.
- Established a GitHub project board with views to facilitate task, issue, and progress tracking.

Milestone 2:

Completed Features:

- Search: Implemented a search feature allowing users to search for products using a search bar.
- Search Components: Created a search bar
- Created horizontal product card components.
- Backend: Implemented search query and filtering query on the backend.
- Implemented the Product Page, Homepage, Shop Page, and Login Page.
- UI Components: Created Header
- UI Components: Vertical Product Card components.
- Repository Setup: Set up the backend repository structure and libraries.
- API Endpoint: Established API endpoints for the project.

Dropped Features:

- Search Suggestions: This feature was dropped because after finalizing the web application's design, it was determined that it was no longer needed.
- Load More Button: This feature was dropped for the same reason, as it was no longer necessary after design finalization.

Features Moved to Milestone 3:

- Payment Page, Order Summary Component, Processing Payment Query, User can browse products by category, Checkout Address Page, Cart Page: These features were moved to Milestone 3, likely due to resource constraints or a change in prioritization.

Milestone 3:

Completed Features:

- User Reviews: Implemented the ability for users to leave product reviews, including the review form component and review section component.
- Notifications: Users can now receive notifications, and backend support for price updates was added.
- Delivery: Users can choose delivery times, and backend setup for delivery was completed.
- User Interface: Designed and implemented Checkout Shipping Page, Payment Page, Order Summary Component, Checkout Address Page, and Cart Page.
- Categorization: Users can browse products by category.
- About: Created a static About page.

Dropped Features:

- User Reviews for Supermarket
 - The decision to drop this feature was made because the team and stakeholders wanted to prioritize the ability for users to write reviews for individual products rather than for entire supermarkets.
- Registered users should only have products displayed within saved area
 - The feature to display products only within saved areas for registered users was dropped because limiting product visibility based on saved areas might put the website at a disadvantage compared to competitors that offer a broader product selection.
- Recently Viewed Items
 - The feature was dropped due to time constraints. While it's a valuable feature for user engagement, our project's tight schedule required us to focus on core functionalities.