Team Member	Primary Focus	Modules Assigne	Core Functional Responsibilities	Cross-Functional Responsibilities	Assianged to
Team Member 1	Frontend: Customer Onboarding & Account	FR-FE-AUTH	• Test the complete user registration, login, and "Forgot Password" flows. • Verify all functionalities within the 'My Account' section (order history, addresses, password changes).	• Usability: Ensure the registration and login processes are intuitive. • Security: Check for basic security on authentication forms.	
Team Member 2	Frontend: Product Discovery & Search	FR-FE-PROD	• Test homepage elements, category navigation, and product listing pages. • Verify sorting, filtering (by price, specs), and view-switching (Grid/List). • Conduct extensive testing on the global search bar with various queries. • Validate the content and layout of the product detail pages.	• Performance: Check page load times for category and search result pages. • Compatibility: Verify product discovery works across all target browsers.	
Team Member 3	Frontend: Transactional Flow (End-to-End)	FR-FE-CART FR-FE-CHK	• Test adding products to the cart, wishlist, and compare list. • Verify all shopping cart operations (update quantity, remove item, apply discounts). • Execute the entire checkout process for both Guest and Registered users. • Validate address forms, shipping/payment method selection, and order confirmation.	• Usability: Assess the clarity and ease of the entire cart-to-checkout flow. • Performance: Monitor response times during critical steps like "Place Order".	
Team Member 4	Backend: Catalog & Content Management	FR-BE-CAT FR-BE-DASH	• Perform full CRUD (Create, Read, Update, Delete) testing for products, categories, and manufacturers. • Validate all fields on the "Add/Edit Product" page (price, SKU, inventory, images). • Verify the accuracy of the main dashboard widgets and statistics.	• Data Integrity: Ensure changes made in the backend (e.g., price update) are reflected accurately on the frontend. • Usability: Check for ease of use in managing a large product catalog.	
Team Member 5	Backend: Operations & NFR Lead	FR-BE-SALES FR-BE-CUST FR-BE-CONFIG All NFRs	• Test order management (viewing details, updating status). • Test customer management (viewing list, editing details, assigning roles). • Verify the configuration of payment and shipping methods. • Lead, plan, and consolidate all Non-Functional Requirement testing across the team.	• Lead All NFR Testing: - Performance: Coordinate site-wide load tests. - Security: Run vulnerability scans. - Compatibility: Organize cross-browser test suites.	

Collaborative Responsibilities for the Whole Team

End-to-End Testing: Each team member is responsible for communicating with others to perform end-to-end tests. For example, Team Member 4 (Backend Catalog) will create a new product that Team Member 2 (Frontend Discovery) will then find, search for, and add to the cart for Team Member 3 (Frontend Checkout) to purchase.

Regression Testing: All team members will participate in regression testing for their assigned modules before a major release.

Defect Reporting: All members are responsible for logging defects clearly and concisely in the team's bug tracking system, assigning them to the correct module.