GIAIC: HACKATHON

TASK: 5

TESTING, ERROR HANDLING AND BACKEND INTEGRATION REFINED FOR SWORLD:

1. Functionality Testing:

Test the core functionalities of Sworld: product listing, cart system, user authentication, and payment gateway.

Test user flows: Search, filtering products by size, price, and category, adding to cart, and proceeding to checkout.

2. Error Handling:

Ensure proper error handling for failed API calls (e.g., no internet, payment failures).

Show user-friendly error messages in case of invalid inputs or failed actions.

3. Performance Testing:

Test for page load times, especially product listings and product detail pages.

Ensure smooth interaction during filtering and search.

Stress-test how many users the platform can handle without performance degradation.

4. Backend Integration Refinement:

Ensure seamless API integrations (e.g., fetching products, processing orders).

Test the accuracy and reliability of data sent between frontend and backend.

Test database interactions for adding, updating, or deleting product details and user data.