

GIAIC: HACKATHON

TASK: 5

TESTING, ERROR HANDLING AND BACKEND INTEGRATION REFINED FOR TULOS:

1. Functionality Testing:

Test core features of Tulos: Product listings, product detail pages, cart system, and user registration.

Test filtering by category (e.g., Casual, Formal, Size, Color) and the shopping cart functionality (add/remove products).

2. Error Handling:

Handle common issues such as failed product loading, payment errors, and invalid user input.

Ensure that there is clear feedback for users in cases of system failures (e.g., product out of stock, wrong address).

3. Performance Testing:

Ensure product images and pages load quickly. Use lazy loading for images to improve performance.

Test how the website performs with multiple users browsing different product categories simultaneously.

4. Backend Integration Refinement:

Test APIs that fetch product data and manage user interactions (e.g., registration and login).

Validate that data transactions (e.g., adding items to the cart, order placements) work smoothly and update the database correctly.