**Day 5: Testing and Backend Refinement for Food Tunk**

**Testing Report (Manual Entry with Correct Data)**

**1. Test Case ID: TC01**

- **Test Case Description**: Cross-Browser Compatibility

- **Test Steps**: Open the website on different browsers (e.g., Chrome, Firefox, Safari, Edge).

- **Expected Result**: The website functions correctly on all browsers.

- **Actual Result**: The website works correctly on all browsers.

- **Severity Level**: Low

- **Remarks**: Successfully validated.

**2. Test Case ID: TC07**

- **Test Case Description**: Validate Product Listing Page

- **Test Steps**: Open the products page and verify product listings.

- **Expected Result**: Products should display correctly.

- **Actual Result**: Products display as expected.

- **Severity Level**: Low

- **Remarks**: No issues found.

**3. Test Case ID: TC02**

- **Test Case Description**: API Error Handling

- **Test Steps**: Disconnect the database query and refresh the page.

- **Expected Result**: An error message should appear on the screen.

- **Actual Result**: The error message is displayed as expected.

- **Severity Level**: Low

- **Remarks**: Handled gracefully.

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**4. Test Case ID: TC03**

- **Test Case Description**: Cart Functionality

- **Test Steps**: Add a product to the cart and navigate to the cart page.

- **Expected Result**: The selected product should display in the cart.

- **Actual Result**: The product is displayed correctly in the cart.

- **Severity Level**: Medium

- **Remarks**: Functionality validated successfully.

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**5. Test Case ID: TC04**

- **Test Case Description**: Mobile Responsiveness

- **Test Steps**: Inspect the page in the browser using the device toolbar and select a mobile device view.

- **Expected Result**: Content should adapt to the selected device.

- **Actual Result**: Content is displayed responsively on mobile.

- **Severity Level**: Medium

- **Remarks**: Mobile responsiveness confirmed.

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**6. Test Case ID: TC05**

- **Test Case Description**: Login/Sign-Up Functionality

- **Test Steps**:

  1. Open the Login/Sign-Up page.

  2. Enter valid and invalid credentials.

- **Expected Result**:

  - Valid credentials: Successful login/sign-up and redirection to the dashboard.

     o   Invalid credentials: Display an appropriate error message.

- **Actual Result**:

     o   Valid credentials: Worked as expected.

     o   Invalid credentials: Displayed error message correctly.

- **Severity Level**: High

- **Remarks**: Error handling for invalid inputs is working as intended.

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**7. Test Case ID: TC06**

- **Test Case Description**: Dynamic Product Detail Pages

- **Test Steps**: Open the products page and click on any product card.

- **Expected Result**: A dynamic product detail page should open.

- **Actual Result**: Dynamic product detail pages open as expected.

- **Severity Level**: Low

- **Remarks**: Functionality validated successfully.

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**Conclusion**

During the hackathon, thorough manual testing validated the core functionalities of the **Food Tunk** platform. Key observations include:

1. **Product Listings and Details**: Displayed content accurately without issues.

2. **Cart Functionality**: Smooth operations and accurate product display in the cart.

3. **Mobile Responsiveness**: Provided an optimal user experience on various devices.

4. **Cross-Browser Compatibility**: Ensured seamless performance on all major browsers.

**High-severity areas**, such as login/sign-up error handling, were refined to enhance reliability and user experience. Overall, the platform demonstrated **robust functionality** and provides actionable insights for further performance optimization.