DemoBlaze Bug Report

1) Bug Title: No validation message is displayed when long alphanumeric strings containing special characters are entered for both 'Username' & 'Password' fields & 'Sign Up' button is clicked.

Steps To Reproduce:
I) Open a web browser & visit demoblaze URL.
II) Click on 'Sign Up' from the top menu bar.
III) Enter a long alphanumeric string containing special characters in the 'Username' field.
IV) Enter a long alphanumeric string containing special characters in the 'Password' field.
V) Click on the 'Sign Up' button.

- Expected Result: A validation message should be displayed when long alphanumeric strings containing special characters are entered for both 'Username' & 'Password' fields are kept as empty & 'Sign Up' button is clicked.

- Actual Result: No validation message is displayed when long alphanumeric strings containing special characters are entered for both 'Username' & 'Password' fields are kept as empty & 'Sign Up' button is clicked.

Test Data:
- URL: https://www.demoblaze.com/
- Long alphanumeric string for both username & password:
noQMTF2x8uFZzKuUfxJXJ431rNKgXeqhidprf3tmPGDkbqhfhqvI7eqOprr8tlrYj6TEyXDvaj3JFmHraac
buZiN2WPVHNJtFltDYqYZ3aEY3OiTNfnObhAcnkExKjZV2QqCQuUwHFpAWzEKcCB2XYLBiNMi
Mzw5bLyB159IukY2YI3kVJ8TD923fpCDCYeN3nilUHLAoaa4lINSg0pUzTlAV6bgsVvP5CSetXM2x
Wgqi91t9GWEMcP2sYkUG8Y40CcDyjv8R7OibmKkNvaGlVtH0dT2KPWRJFsRgMnXxyuG

Attachments: 📕 BugId_001_SignUp.mp4
Severity: High
- Reason: The lack of validation for both the **Username** and **Password** fields is a critical issue. These fields are essential for user registration, and without proper validation, users may encounter problems such as submitting invalid or improperly formatted data.

Priority: High
- Reason: Since this issue directly affects the core functionality of the website (user registration), it is high-priority. Users must be able to register with valid data.

Impact Analysis: Improper validation of input (especially involving special characters or long strings) might expose the system to **security risks** (e.g., SQL injection or data integrity issues), making it a high-severity bug.

2) Bug Title: No pricing icon dollar ($) is displayed along with pricing in the cart page.

Steps To Reproduce:
I) Open a web browser & visit demoblaze URL.
II) Click on any categories from 'Phone', Laptops, & 'Monitors'.
III) Click on any product link.
IV) Click Ok from the success message.

V) Click on the 'Add to cart' button.
VI) Click on 'Cart' from the top menu bar.

- Expected Result: Pricing icon dollar ($) is displayed along with pricing in the cart page.

- Actual Result: No pricing icon dollar ($) is displayed along with pricing in the cart page.

Test Data:
- URL: https://www.demoblaze.com/

Attachments: 📄 BugId_002_CartPricing.mp4.png
Severity: Low
- Reason: The absence of the dollar sign is a cosmetic issue and does not affect the core functionality of the cart or the ability to make a purchase.

Priority: Medium
- Reason: While the issue is not severe, it affects the user experience, especially for customers who may expect to see pricing formatted correctly.

Impact Analysis: The lack of the dollar sign is not a critical error and will not prevent users from completing their purchase. However, it might lead to some confusion or diminish the professionalism of the site.

3) Bug Title: 'Place Order' button should NOT be clickable when no product is added to cart

Steps To Reproduce:
I) Open a web browser & visit demoblaze URL.
II) Click on 'Cart' from the top menu bar.
III) Click on the 'Place Order' button.

- Expected Result: 'Place Order' button should NOT be clickable when no product is added to cart.

- Actual Result: 'Place Order' button is clickable when no product is added to cart.

Test Data:
- URL: https://www.demoblaze.com/

Attachments: 🎞 BugId_003_Place_Order.mp4
Severity: High
- Reason: This issue directly impacts the core functionality of the checkout process. If users are able to click the "Place Order" button when their cart is empty, it can lead to a confusing and frustrating experience.

Priority: High
- Reason: Since the "Place Order" button is part of the checkout process, this is a high-priority issue. The primary goal of the cart is to allow users to purchase products, and if the button is clickable without any items, it breaks the fundamental functionality.

Impact Analysis: Users might think they are submitting an order, but no products will be processed, which could result in errors, incomplete orders, or unexpected behavior.

4) Bug Title: There are No indication (*) for required field in 'Place Order' modal

Steps To Reproduce:
I) Open a web browser & visit demoblaze URL.
II) Click on any categories from 'Phone', Laptops, & 'Monitors'.
III) Click on any product link.
IV) Click Ok from the success message.
V) Click on the 'Add to cart' button.
VI) Click on 'Cart' from the top menu bar.
VI) Click on the 'Place Order' button.

- Expected Result: There are should be indication as star mark (*) with a color for the required field in the 'Place Order' modal.

- Actual Result: There are no indication as star mark (*) with a color for the required field in the 'Place Order' modal.

Test Data:
- URL: https://www.demoblaze.com/

Attachments: 🔖 BugId_004_NoRequired.png
Severity: Medium
- Reason: The absence of an indicator for required fields is a medium-severity issue. While it does not prevent users from interacting with the modal, it can lead to user confusion, especially if they miss filling out required fields.

Priority: Medium
- Reason: Although the issue impacts user experience, it is not a critical bug that would prevent users from completing their order entirely.

Impact Analysis: This can result in incomplete or failed order submissions, causing frustration and potentially requiring users to go back and correct their input.

5) Bug Title: Users should NOT be able to click the purchase button when no product is added on cart

Steps To Reproduce:
I) Open a web browser & visit demoblaze URL.
II) Click on 'Cart' from the top menu bar.
III) Click on the 'Place Order' button.
IV) Fill Up the Name & Card number
V) Click on 'Purchase' button

- Expected Result: Users should NOT be able to click the purchase button when no product is added on cart.

- Actual Result: Users are able to click the purchase button when no product is added on cart.

Test Data:
- URL: https://www.demoblaze.com/

- Name: Xyz
- Card Number: 1234566789

Attachments: 📹 BugId_005_Purchase_Emptycart.mp4
Severity: High
- Reason: Allowing users to click the purchase button without any products in the cart directly affects the core functionality of the e-commerce platform.

Priority: High
- Reason: This issue is critical because it directly impacts the user flow and the fundamental process of placing an order.

Impact Analysis: Clicking the purchase button with an empty cart would not only lead to confusion but could also result in failed transactions, empty orders, and a poor user experience.

6) Bug Title: No string limitation for any fields in 'Place Order' modal

Steps To Reproduce:
I) Open a web browser & visit demoblaze URL.
II) Click on any categories from 'Phone', Laptops, & 'Monitors'.
III) Click on any product link.
IV) Click Ok from the success message.
V) Click on the 'Add to cart' button.
VI) Click on 'Cart' from the top menu bar.
VI) Click on the 'Place Order' button.
VII) Enter a long alphanumeric string containing special characters for all the fields from the Place Order modal.
VII) Click on the 'Purchase' button.

- Expected Result: Validation message should be displayed for all the fields from 'Place Order' modal.

- Actual Result: No string limitation for any fields in 'Place Order' modal.

Test Data:
- URL: https://www.demoblaze.com/
- Long alphanumeric string containing special characters:
py00Qu3lEdt4o0hHRQdBUSjfNBeICMlnR0wNwnHVw80kmxRTu6oPjAtnfgbCQFtWOzu12phdUrTje KXdPxZsD14BXjOLmvUIFNoMgFyiTfEvvECOnaelY0yjxLsSthpQKitr8Yr1v7TB0bkQmdOo7RpfBurl wj54X2MmDpfXyYURzAY2Wx7mH0s4rDUZGCHG4BvIhEAKkrXUgJMg9binYEeSL7Ut5YZUKUC 86stMP7h6YSVn0pa0MIq9WZ5eMb1FlBBpBsUJ3EItw0W0hqbw73XrcLnBxS4dVY2cKRSBqSpx

Attachments: 📹 BugId_006_Purchase_StringLimit.mp4
Severity: Medium
- Reason: The absence of string limitations (e.g., maximum character limits) for fields in the 'Place Order' modal could lead to several issues, such as: Overflow text, System stability, User error.

Priority: Medium
- Reason: While this is not an urgent issue that prevents the completion of orders, it is important for the system to handle input correctly and gracefully.

Impact Analysis: Users might enter excessively long input that can break the layout or cause display issues. Very long input can potentially lead to performance issues, crashes, or unexpected behavior when processing the order. Without constraints, users may enter invalid or excessive data (like extremely long names, addresses, or messages), which might not be processed correctly by the backend.

7) Bug Title: The success modal is NOT displayed as per information from 'Place Order' modal

Steps To Reproduce:
I) Open a web browser & visit demoblaze URL.
II) Click on any categories from 'Phone', Laptops, & 'Monitors'.
III) Click on any product link.
IV) Click Ok from the success message.
V) Click on the 'Add to cart' button.
VI) Click on 'Cart' from the top menu bar.
VI) Click on the 'Place Order' button.
VII) Enter a long alphanumeric string containing special characters for all the fields from the Place Order modal.
VII) Click on the 'Purchase' button.

- Expected Result: The success modal is should be displayed as per information from 'Place Order' modal

- Actual Result: The success modal is NOT displayed as per information from 'Place Order' modal

Test Data:
- URL: https://www.demoblaze.com/
- Long alphanumeric string containing special characters:
py00Qu3lEdt4o0hHRQdBUSjfNBeICMlnR0wNwnHVw80kmxRTu6oPjAtnfgbCQFtWOzu12phdUrTje
KXdPxZsD14BXjOLmvUIFNoMgFyiTfEvvECOnaelY0yjxLsSthpQKitr8Yr1v7TB0bkQmdOo7RpfBurl
wj54X2MmDpfXyYURzAY2Wx7mH0s4rDUZGCHG4BvIhEAKkrXUgJMg9binYEeSL7Ut5YZUKUC
86stMP7h6YSVn0pa0MIq9WZ5eMb1FlBBpBsUJ3EItw0W0hqbw73XrcLnBxS4dVY2cKRSBqSpx

Attachments: 🎞 BugId_006_Purchase_StringLimit.mp4
Severity: High
- Reason: The success modal is an essential part of the order confirmation process. If it fails to display correct information (like order details, confirmation message, or user-specific data), it compromises the entire post-order experience.

Priority: High
- Reason: The success modal is a crucial user interface element that provides users with confirmation after completing a purchase. If it does not fetch or display the correct information, the user experience is directly impacted, and the system's trustworthiness is called into question.

Impact Analysis: Users rely on the success modal to confirm that their order went through as expected. If it's not displaying the correct data, users may assume there's a problem with their order or that their transaction hasn't been processed, which could lead to confusion or frustration.

8) Bug Title: The product categories are filtered as per sorting in ascending order as per naming (a to z)

Steps To Reproduce:

I) Open a web browser & visit demoblaze URL.
II) Observe the categories from 'Phone', Laptops, & 'Monitors'.

- Expected Result: The product categories should be filtered as per sorting in ascending order as per naming (a to z)

- Actual Result: The product categories are NOT filtered as per sorting in ascending order as per naming (a to z)

Test Data:
- URL: https://www.demoblaze.com/

Attachments: 📄 BugId_007_Nosorting.png
Severity: Medium
- Reason: If product categories are supposed to be sorted alphabetically (A to Z) but aren't, or if the order is inconsistent, it may confuse users who expect categories to be listed in a logical, organized way.

Priority: Medium
- Reason: Sorting categories alphabetically is a usability enhancement that improves the user experience.

Impact Analysis: While this bug is unlikely to break the system or prevent basic functionality, its impact on user experience, sales, and brand reputation can be significant over time. It's important to fix the sorting issue to ensure smooth navigation, maintain trust, and ensure that customers can find products easily.

9) Bug Title: The product are NOT be sorted as per pricing

Steps To Reproduce:
I) Open a web browser & visit demoblaze URL.
II) Click on the categories from 'Phone', Laptops, & 'Monitors'.
III) Observe the product of different pricing.

- Expected Result: The product should be sorted as per pricing.

- Actual Result: The product are NOT sorted as per pricing

Test Data:
- URL: https://www.demoblaze.com/

Attachments: 📄 BugId_007_Nosorting.png
Severity: High
- Reason: Pricing is a fundamental factor for many customers when shopping online. If the products are not sorted according to price, especially when users expect it, it could lead to significant frustration and confusion.

Priority: High
- Reason: This issue directly impacts the user experience and the functionality of the product listing page. Many customers expect the ability to sort products by price, especially when browsing large product ranges.

Impact Analysis: This bug has a high severity and high priority due to its direct impact on the core shopping experience and potential loss of sales. It's important to fix this issue promptly to ensure users can easily sort and compare products by price, which is essential for a smooth, efficient shopping experience.

10) Bug Title: String type without email can be entered in 'Contact Email' field in 'New Message' modal

Steps To Reproduce:
I) Open a web browser & visit demoblaze URL.
II) Click on 'Contact' from the top menu bar.
III) Enter a long alphanumeric string containing special characters for the 'Contact Email' field from the 'New Message' modal.
IV) Fill up the other fields.
V) Click on the 'Send Message' button.

- Expected Result: No String type without email should be entered in 'Contact Email' field in 'New Message' modal.

- Actual Result: String type without email can be entered in 'Contact Email' field in 'New Message' modal

Test Data:
- URL: https://www.demoblaze.com/
- Long alphanumeric string containing special characters for Contact Email field:
sn23n4F213aUNwDvqlNvWPQtY9uFY0EdO4WA4aYELByaQg6DhDTzXi6wfu1uio4ziUXnIrGBmIHd
dxenxKhWlLmBwCvfvykt5W6V4dDc6WgEjr122QgnlPyvaYzOEgliCv9WlteSaJdiDv48hZOCNUHy9m
6e8WFa0GugASpsDmgJSCVEho0blUj7LfmZ5ag8VWaRaXd1sWJ9ODJY5EzD8llWrmM7YyOIU625g
9SPRgUZOGG0mFmFRuBNVJsAqjKU17iBeMF2CNZfEfwSfRLfMHwYUVYx0QwdAcToyuOo9ebx

Attachments: 📕 BugId_008_ContactMessage.mp4
Severity: Medium
- Reason: The ability to enter a string that does not follow the proper email format in the 'Contact Email' field is a medium-severity issue. While it does not immediately break the functionality of the website, it can cause several problems like: Invalid Data Submission, User Confusion, Backend Issues.

Priority: Medium
- Reason: While this bug should be addressed, it is not as urgent as critical bugs. However, it still impacts the user experience and data integrity.

Impact Analysis: While it doesn't immediately stop users from interacting with the system, it affects the accuracy of communication and can lead to user confusion or backend issues.

11) Bug Title: No validation message is displayed when a long alphanumeric string contains special characters in the 'Contact Name' field within the 'New Message' modal.

Steps To Reproduce:
I) Open a web browser & visit demoblaze URL.
II) Click on 'Contact' from the top menu bar.
III) Enter a long alphanumeric string containing special characters for the 'Contact Email' field from the 'New Message' modal.

IV) Fill up the other fields with long alphanumeric strings containing special characters as well.
V) Click on the 'Send Message' button.

- **Expected Result:** A validation message is displayed when a long alphanumeric string contains special characters in the 'Contact Name' field within the 'New Message' modal.

- **Actual Result:** No validation message is displayed when a long alphanumeric string contains special characters in the 'Contact Name' field within the 'New Message' modal.

Test Data:
- **URL:** https://www.demoblaze.com/
- **Long alphanumeric string containing special characters for Contact Email & other field:**
sn23n4F213aUNwDvqlNvWPQtY9uFY0EdO4WA4aYELByaQg6DhDTzXi6wfu1uio4ziUXnIrGBmIHd
dxenxKhWlLmBwCvfvykt5W6V4dDc6WgEjr122QgnlPyvaYzOEgliCv9WlteSaJdiDv48hZOCNUHy9m
6e8WFa0GugASpsDmgJSCVEho0blUj7LfmZ5ag8VWaRaXd1sWJ9ODJY5EzD8llWrmM7YyOIU625g
9SPRgUZOGG0mFmFRuBNVJsAqjKU17iBeMF2CNZfEfwSfRLfMHwYUVYx0QwdAcToyuOo9ebx

Attachments: 🎞 BugId_008_ContactMessage.mp4
Severity: Medium
- **Reason:** While this issue does not immediately break core functionality, it could lead to issues related to data quality and system performance like: Data Integrity, User Experience, Security Risks.

Priority: Medium
- **Reason**: It does not prevent the user from submitting the form or completing the process. It mainly affects the data validation process and can lead to potential issues down the line (like incorrect or insecure data being stored).

Impact Analysis: While it doesn't prevent users from completing the process, it could lead to unexpected behaviors, including data integrity issues and security risks.