

# Senior Test Engineer - Assessment Task: Defect Report

## 1. Executive Summary

This document details the defects discovered during the functional and exploratory testing of the DemoBlaze website, with a focus on the core user journeys of authentication, product selection, and checkout. The objective was to identify critical and high-priority issues that significantly impact the user experience, data integrity, and application security.

The testing process uncovered multiple issues, including critical data validation failures, inconsistent user feedback mechanisms, and significant UX/UI glitches.

**Application:** <https://www.demoblaze.com>

**Scope:** Functional testing of core shopping journey (browse > product > add to cart > cart > checkout), user auth modals, category filters, and support/contact features.

## 2. Testing Approach and Adjustments

My initial approach involved a top-down exploratory testing plan, starting with the main user flows:

1. **Authentication:** Signup and Login functionality.
2. **Product Flow:** Browsing products, adding to cart, and managing the cart.
3. **Checkout:** Placing an order via the checkout form.

Since the application has multiple defects and visible improvement areas, and if given the Agile MVP focus with tight timelines, I would adjust my testing approach as follows:

### i. Risk-Based Testing

I'd focus first on the areas that matter most to the business, like checkout, payments, and account creation. If these fail, it directly impacts revenue and customer trust. I'd work with the product/tech team to understand the impact so we know what needs the most attention. For example, weak password handling is high risk, while a small UI misalignment is not.

### ii. Priority-Based Testing

Given tight timelines, I'd test the P1 and P2 test scenarios/test cases first — the ones that stop users from completing key tasks. Lower-priority things, like spacing or color issues, can be logged and tackled later. This way we make sure the MVP is usable and stable where it really counts. In subsequent releases we can implement new features/ fix the low priority issues.

### iii. Exploratory / Monkey Testing

Alongside planned test cases, I'd run quick exploratory sessions to uncover issues that scripts won't catch, like navigation glitches or odd behaviors on mobile. Monkey testing also helps simulate unpredictable user actions. With time-boxed sessions, we can cover a lot quickly without heavy documentation.

### iv. Using Previous Experience

I've dealt with similar MVP pressures before, and what really helps is focusing on defect triage, starting testing early (Shift left), and relying on automation to speed up regressions. Clear communication with stakeholders is also key — letting them know what's fixed, what's deferred,

and what's most urgent.

### 3. Defect Report:

**DBZ-001: Dollar currency (\$) symbol missing in Amount field on Products Cart and Place Order screens.**

<b>Defect ID</b>	DBZ-001
<b>Summary</b>	Dollar currency symbol missing in Amount field on Products Cart and Place Order screens
<b>Description</b>	The Amount field displayed on both the Products Cart and Place Order screens does not include the expected dollar currency symbol (\$). This can cause user confusion and misleading pricing information.
<b>Module/Feature</b>	Products Cart and Place Order
<b>Severity</b>	Critical
<b>Priority</b>	P1
<b>Status</b>	New
<b>Environment Details</b>	All browsers/ Env
<b>Reported By</b>	Reporter Name
<b>Assigned To</b>	Unassigned
<b>Date Reported</b>	2026-01-26
<b>Labels</b>	UI, functional, validation, checkout.
<b>Attachments</b>	Attached. Please find it below
<b>Service Impact</b>	Trust/Transparency. Regulatory compliance. Impacting customer trust and potentially leading to reputation of brand Name.

<b>Logs</b>	No relevant errors captured.
<b>Consistent/Intermittent</b>	Consistently re-producible.

<b>Test Data</b>	Used demo account and sample product data. testusers_1
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## Steps to Reproduce

1. Open the site <https://www.demoblaze.com>
2. Log in with a valid test user account.
3. Navigate to the product catalog and add any item to the cart.
4. Go to the Products Cart screen.
5. Observe the Amount field for the added product(s).
6. Proceed to the Place Order modal.
7. Observe the Amount field before confirming purchase.

## Expected Result



The amount field should display the currency symbol (e.g., \$1150.00) on both Products Cart and Place Order screens.

## Actual Result

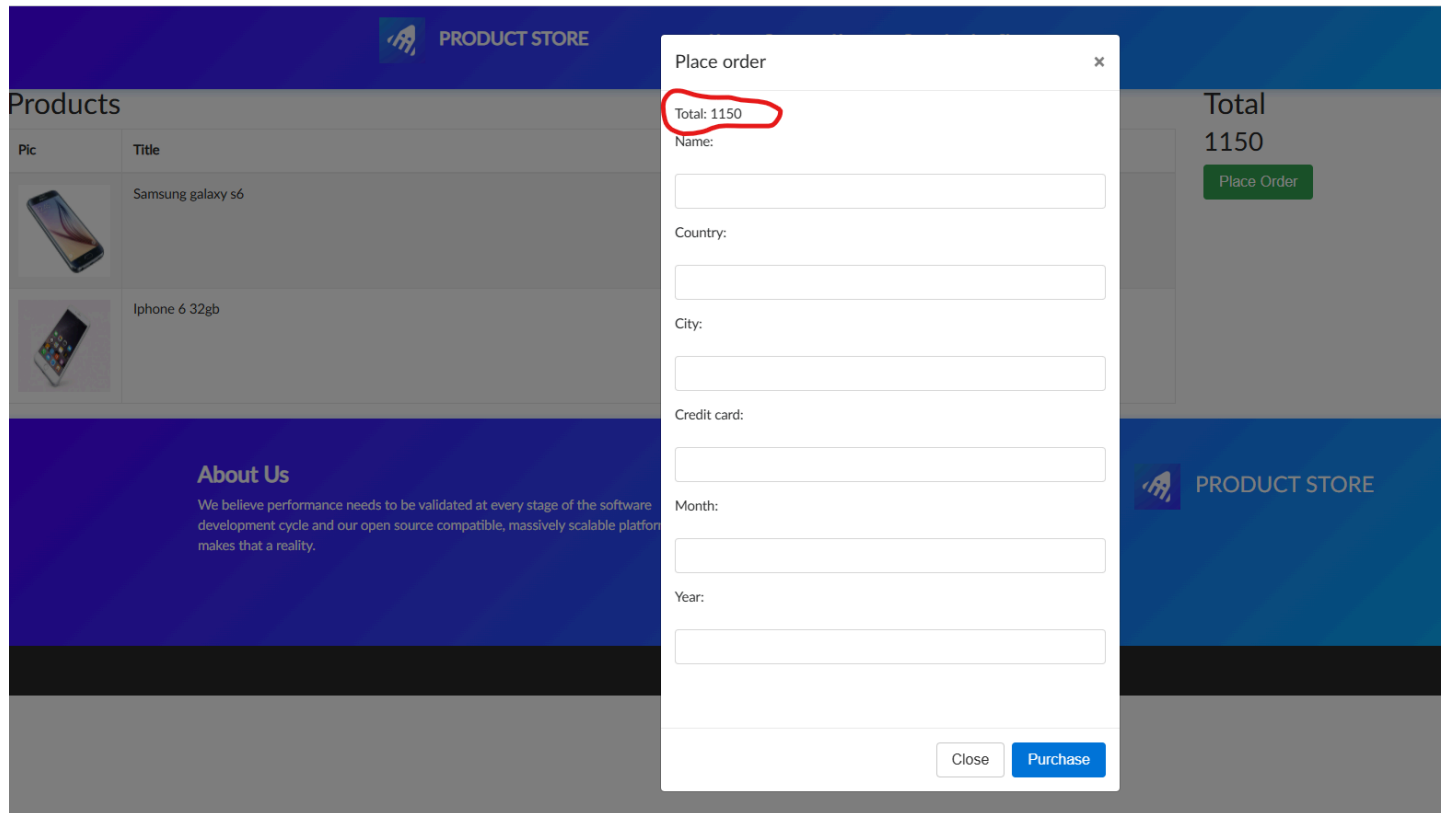
The amount field only shows numeric values (e.g., 1150.00) without the dollar symbol, making it unclear which currency is being used.

## Test Evidence

The screenshot shows the 'PRODUCT STORE' cart page. The browser address bar displays 'demoblaze.com/cart.html'. The page has a blue header with navigation links: Home, Contact, About us, Cart, Log in, Sign up. Below the header, the 'Products' section contains a table with the following items:

Pic	Title	Price	x
	Samsung galaxy s6	360	<a href="#">Delete</a>
	Iphone 6 32gb	790	<a href="#">Delete</a>

To the right of the table, the 'Total 1150' is displayed, and a green 'Place Order' button is located below it. The footer contains 'About Us' information, 'Get in Touch' contact details (Address: 2390 El Camino Real, Phone: +440 123456, Email: demo@blazemeter.com), and the 'PRODUCT STORE' logo. The copyright notice at the bottom reads 'Copyright © Product Store'.



#### DBZ-002: Incorrect Date field in Purchase Order success screen.

<b>Defect ID</b>	DBZ-002
<b>Summary</b>	Incorrect Date displayed on Purchase Order success screen.
<b>Description</b>	After placing a purchase order, the success screen displays an incorrect <b>Date</b> field (either mismatched

	with system date or showing a default/invalid value). This misalignment leads to inaccurate order records and confusion for customers.
<b>Module/Feature</b>	Checkout (Place Order Success modal)
<b>Severity</b>	Critical
<b>Priority</b>	P1
<b>Status</b>	New

<b>Environment Details</b>	All browsers/ Env
<b>Reported By</b>	Reporter Name
<b>Assigned To</b>	Unassigned
<b>Date Reported</b>	2026-01-26
<b>Labels</b>	UI, functional, validation, checkout, order-confirmation
<b>Attachments</b>	Attached. Please find it below
<b>Service Impact</b>	Incorrect order records affect business reporting, auditing, and customer communication.
<b>Logs</b>	No relevant errors captured.
<b>Consistent/Intermittent</b>	Consistently re-producible.
<b>Test Data</b>	Used demo account and sample product data. testusers_1

### Steps to Reproduce

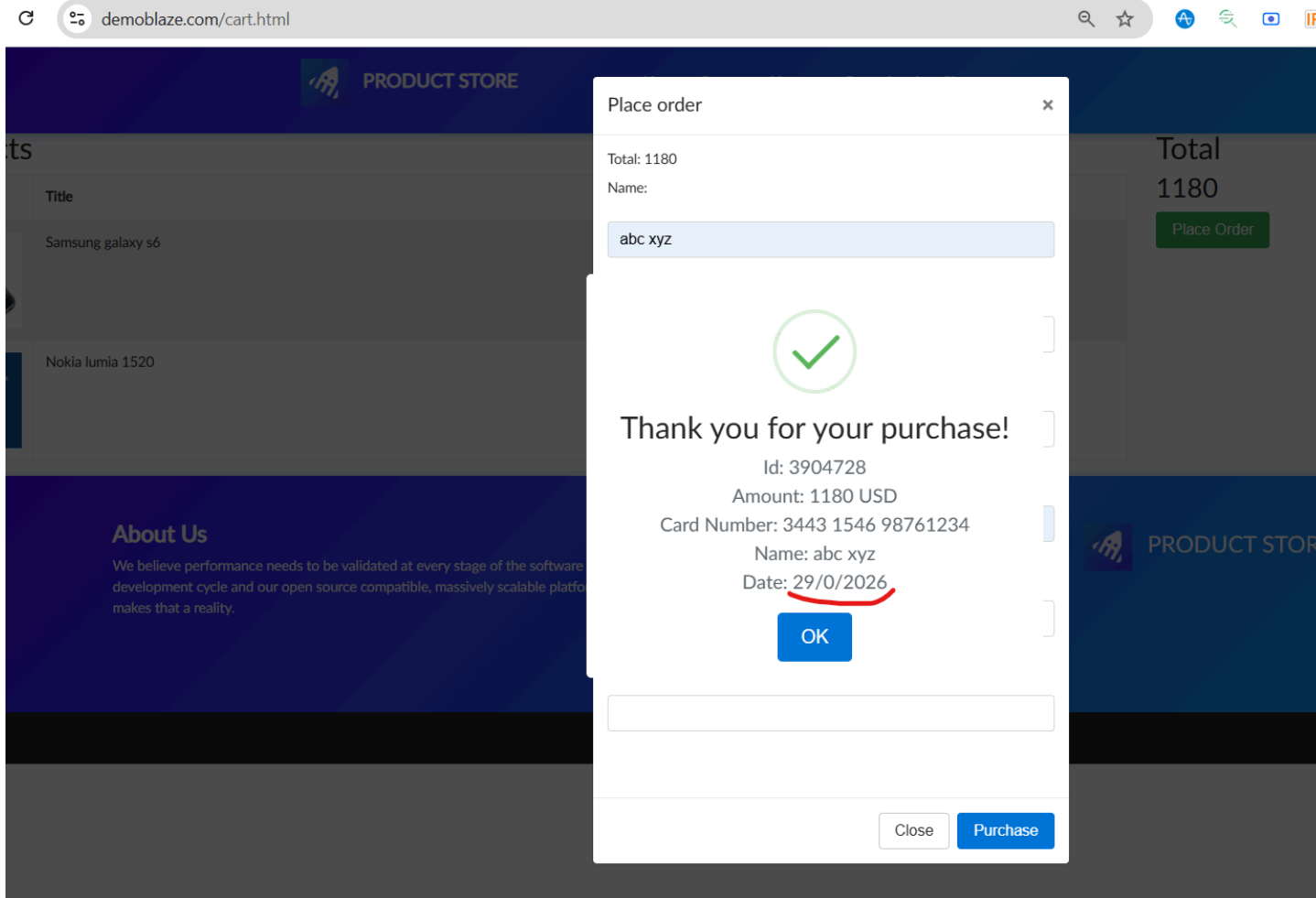
1. Open the site <https://www.demoblaze.com>
2. Add any product to the cart.
3. Proceed through checkout and place a purchase order.
4. Observe the **Purchase Order success screen**.
5. Compare the displayed **Date** with the system's current date.

### Expected Result

- The success screen should display the correct **system date** of the order placed. **(ex 29/01/2026)**

### Actual Result

- The success screen shows an **incorrect date (ex, 29/0/2026)**.



**DBZ-003 Bank Card number must be masked in Order confirmation/Success screen.**

Defect ID	DBZ-003
Summary	Card number is not masked in Checkout/Confirmation screens, exposing sensitive data.

Description	The application displays the <b>full card number</b> in the Checkout/Payment confirmation flow. Card numbers should always be masked (e.g., **** * 1234) for PII compliance and customer data security. Displaying the complete card number causes a significant security risk.
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<b>Module/Feature</b>	Payment Success/confirmation screens
<b>Severity</b>	Critical
<b>Priority</b>	P1
<b>Status</b>	New
<b>Environment Details</b>	All browsers/ Env
<b>Reported By</b>	Reporter Name
<b>Assigned To</b>	Unassigned
<b>Date Reported</b>	2026-01-26
<b>Labels</b>	Security, compliance, payment, critical
<b>Attachments</b>	Attached. Please find it below
<b>Service Impact</b>	Breach of PCI-DSS regulations may result in heavy fines and legal action.
<b>Logs</b>	No relevant errors captured.
<b>Consistent/Intermittent</b>	Consistently re-producible.
<b>Test Data</b>	Used demo account and sample product data. testusers_1

### Steps to Reproduce

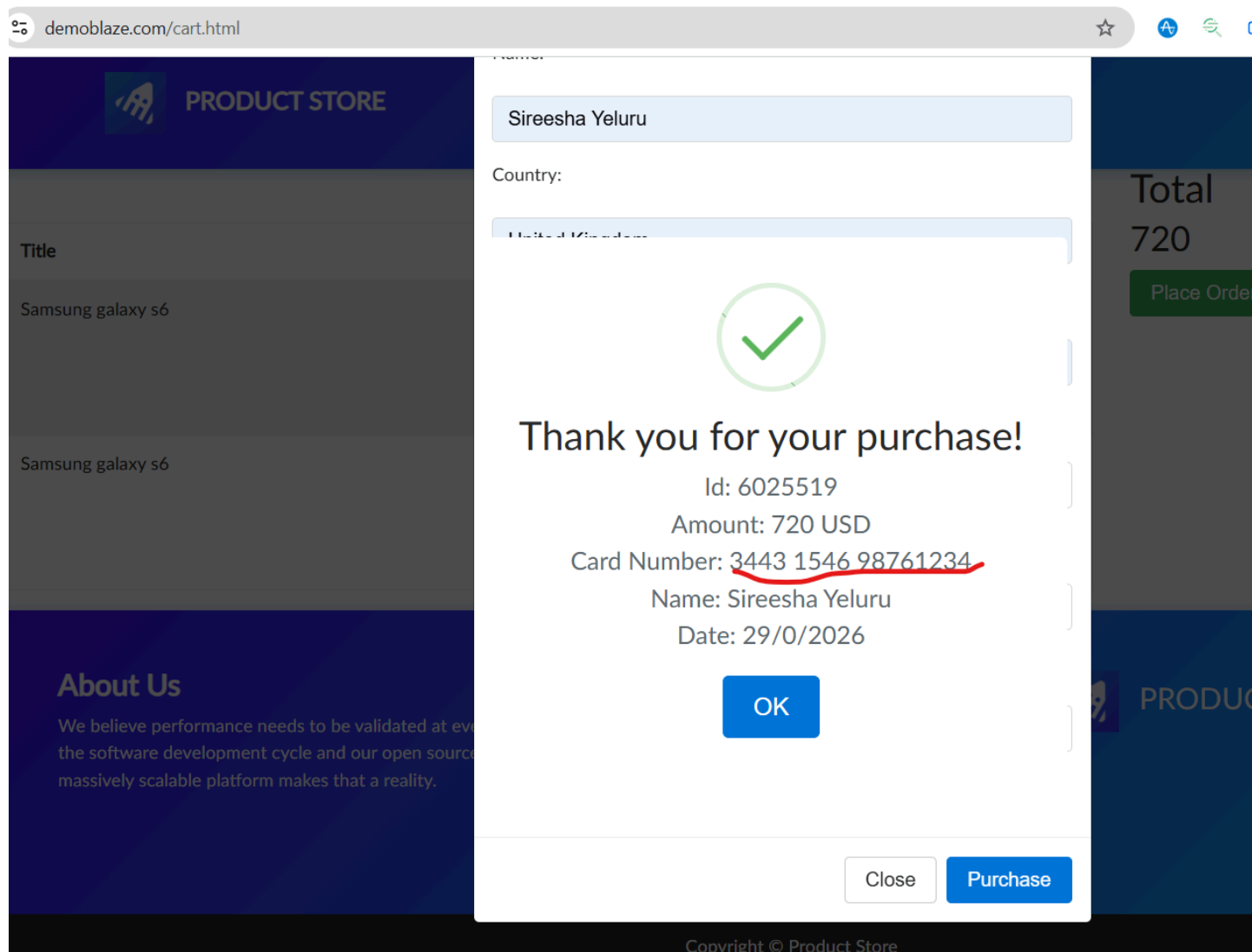
1. Open the site <https://www.demoblaze.com>
2. Log in with a valid test user account.
3. Add any product(s) to the cart.
4. Proceed to checkout and enter card details for payment.
5. Complete the order.
6. Observe the card number displayed on the payment confirmation or success screen.

### Expected Result

- > Card number must be masked except the last 4 digits (e.g \*\*\*\* \* 1234).
- > Full card number should never be displayed in UI or logs.

## Actual Result

The application displays the full card number on confirmation/success screen.



### DBZ-004: The Sign-up accepts weak passwords

Defect ID	DBZ-004
Summary	Sign-up accepts weak password.

Description	Sign-up form does not enforce password strength or give guidance, allowing extremely weak passwords.
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<b>Module/Feature</b>	Sign up
<b>Severity</b>	Critical
<b>Priority</b>	P1
<b>Status</b>	New
<b>Environment Details</b>	All Browsers
<b>Reported By</b>	Reporter Name
<b>Assigned To</b>	Unassigned
<b>Date Reported</b>	2026-01-26
<b>Labels</b>	auth, security level
<b>Attachments</b>	Screenshots
<b>Service Impact</b>	Increase the risk of compromised accounts.
<b>Logs</b>	No relevant errors captured in the console.
<b>Consistent/Intermittent</b>	Consistent during multiple attempts.
<b>Test Data</b>	Not required.

#### Steps to Reproduce:

1. Open the site <https://www.demoblaze.com>
2. Click on Sign up
3. Enter a new username ex: xyz\_123\_3
4. Enter simple password "x" or "1" "&"
5. Click Sign up

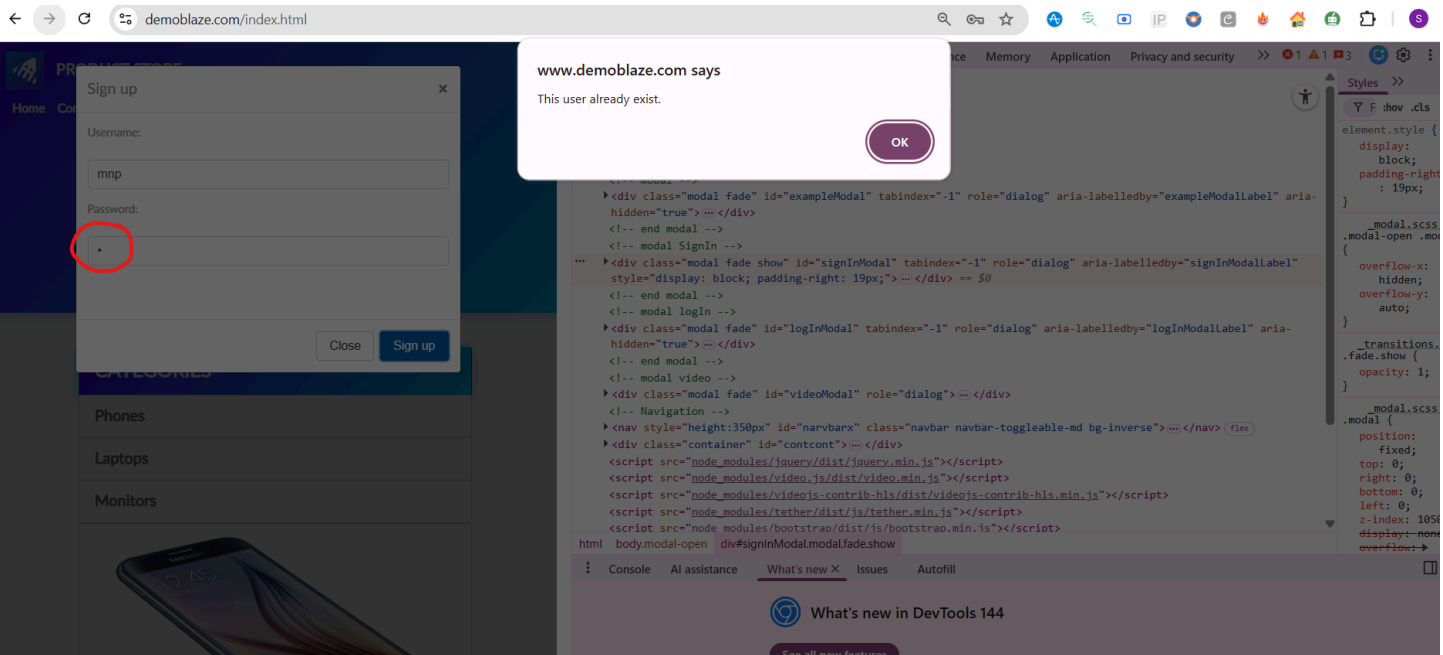
#### Expected Result:

Password strength rules (min length/complexity) with guidance should be followed.

#### Actual Result:

Weak password are allowed.

#### Test Evidence:



#### DBZ-005: Checkout can be initiated with empty cart

Defect ID	DBZ-005
Summary	Checkout can be done with empty cart
Description	Users can complete the Place Order and proceed to purchase without any items in the cart.
Module/Feature	Cart & Checkout
Severity	Medium
Priority	P3
Status	New
Environment Details	All browsers
Reported By	Reporter Name
Assigned To	Unassigned
Date Reported	2026-01-27
Labels	functional, business-rules, checkout
Attachments	Attached. Please find it below
Service Impact	Customer Confusion

<b>Logs</b>	No relevant logs available. UI Screenshot attached.
<b>Consistent/Intermittent</b>	Consistent during multiple attempts.
<b>Test Data</b>	Used demo account and sample product data. testusers_1

### Steps to Reproduce:

1. Open the site <https://www.demoblaze.com>
2. Click on "Cart" in the navbar and do not add any items
3. Observe the cart shows no items.
4. Click "Place Order" button and attempt to complete the purchase.

### Expected Result:

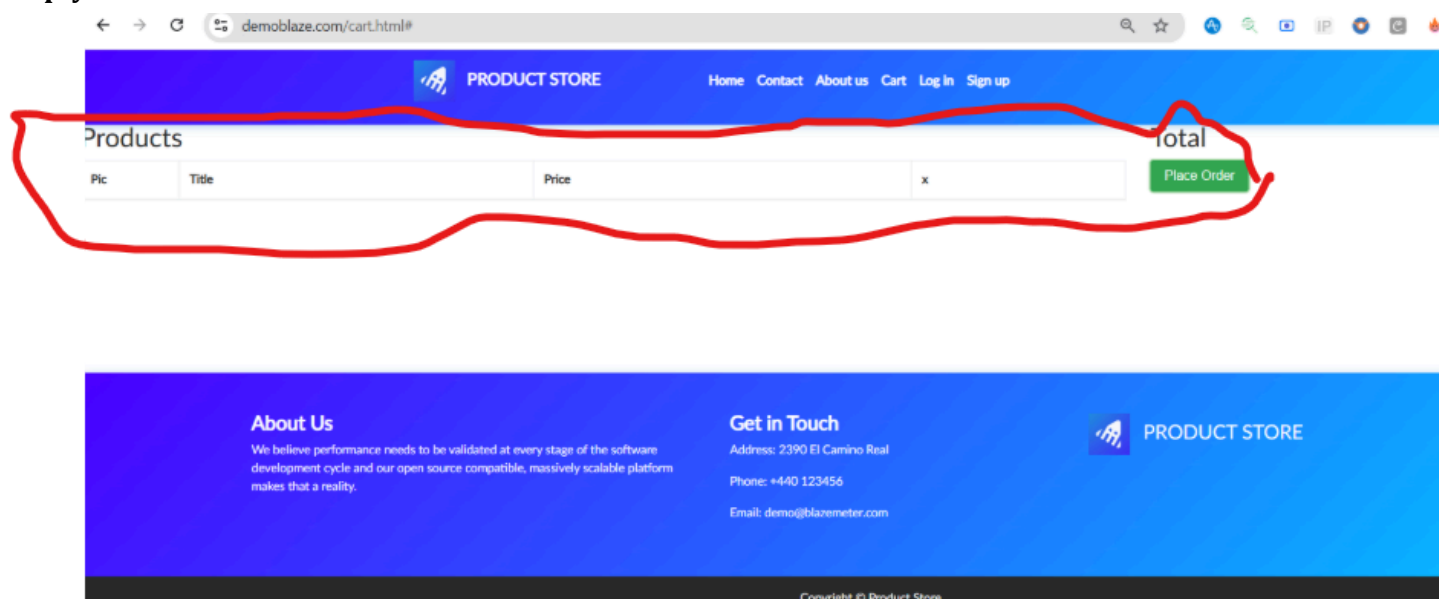
"Place Order" should be disabled or blocked when the cart is empty.  
users should be informed that the cart has no items.

### Actual Result:

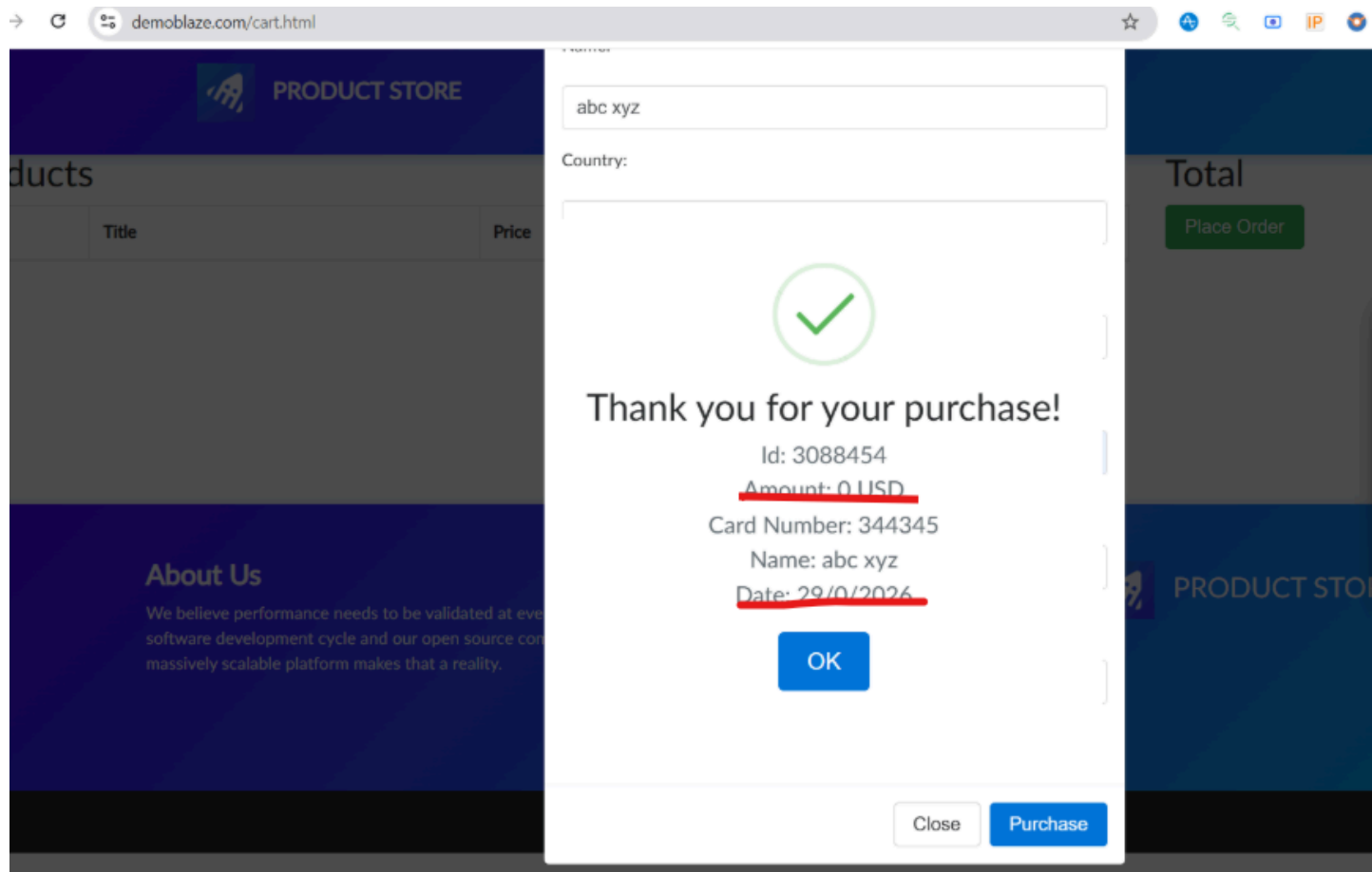
Order flow starts despite empty cart

### Test Evidence:

#### Empty Cart: >



#### Order Placed without Items: >



#### DBZ-006: Checkout allows order placement with empty mandatory fields

<b>Defect ID</b>	DBZ-006
<b>Summary</b>	Checkout allows order placement with empty mandatory fields (Month, Year and CVV)
<b>Description</b>	User can submit the "Place Order" modal without completing mandatory fields, resulting in a successful purchase confirmation/record.
<b>Module/Feature</b>	Checkout (Place Order modal)
<b>Severity</b>	Critical
<b>Priority</b>	<u>P1</u>
<b>Status</b>	<u>New</u>
<b>Environment Details</b>	<u>All browsers/ Env</u>
<b>Reported By</b>	Reporter Name
<b>Assigned To</b>	Unassigned

<b>Date Reported</b>	2026-01-29
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<b>Labels</b>	functional, validation, checkout, critical
<b>Attachments</b>	Attached. Please find below
<b>Service Impact</b>	Revenue loss. Operational Burden.
<b>Logs</b>	No relevant errors captured.
<b>Consistent/Intermittent</b>	Consistently re-producible.
<b>Test Data</b>	Used demo account and sample product data. testusers_1

#### Steps to Reproduce:

1. Open the site <https://www.demoblaze.com>
2. Add any available product to the cart: Home → example, Select “Samsung galaxy s6” > “Add to Operational Burdencart” .
3. Click Ok on the alert dialog.
4. Go to “Cart” on the top navigation bar
5. Click “Place Order” to open the order modal.
- 6.. Without entering any information ( Country, City, Month, Year and CVV) click “Purchase”.

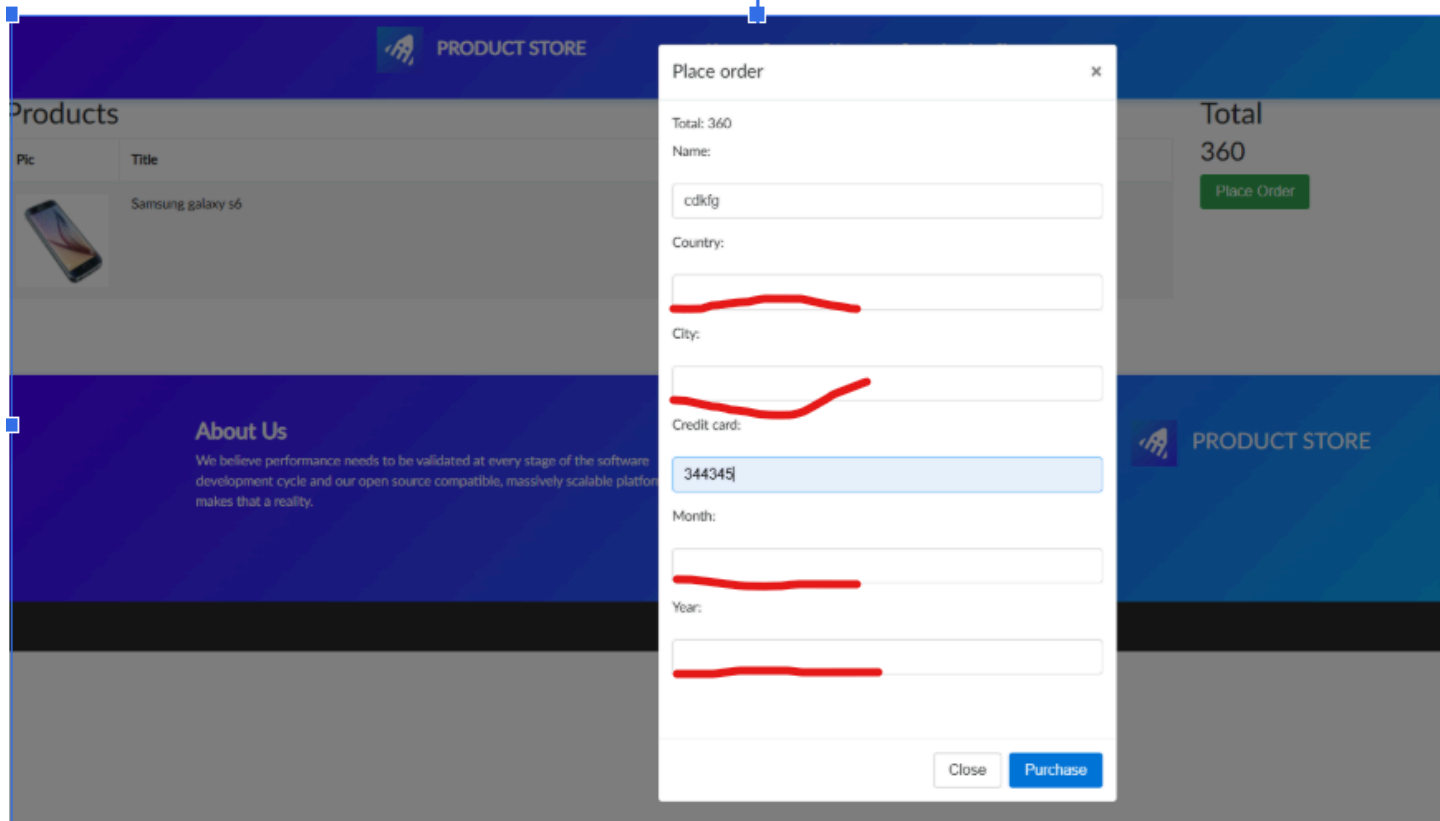
#### Expected Result:

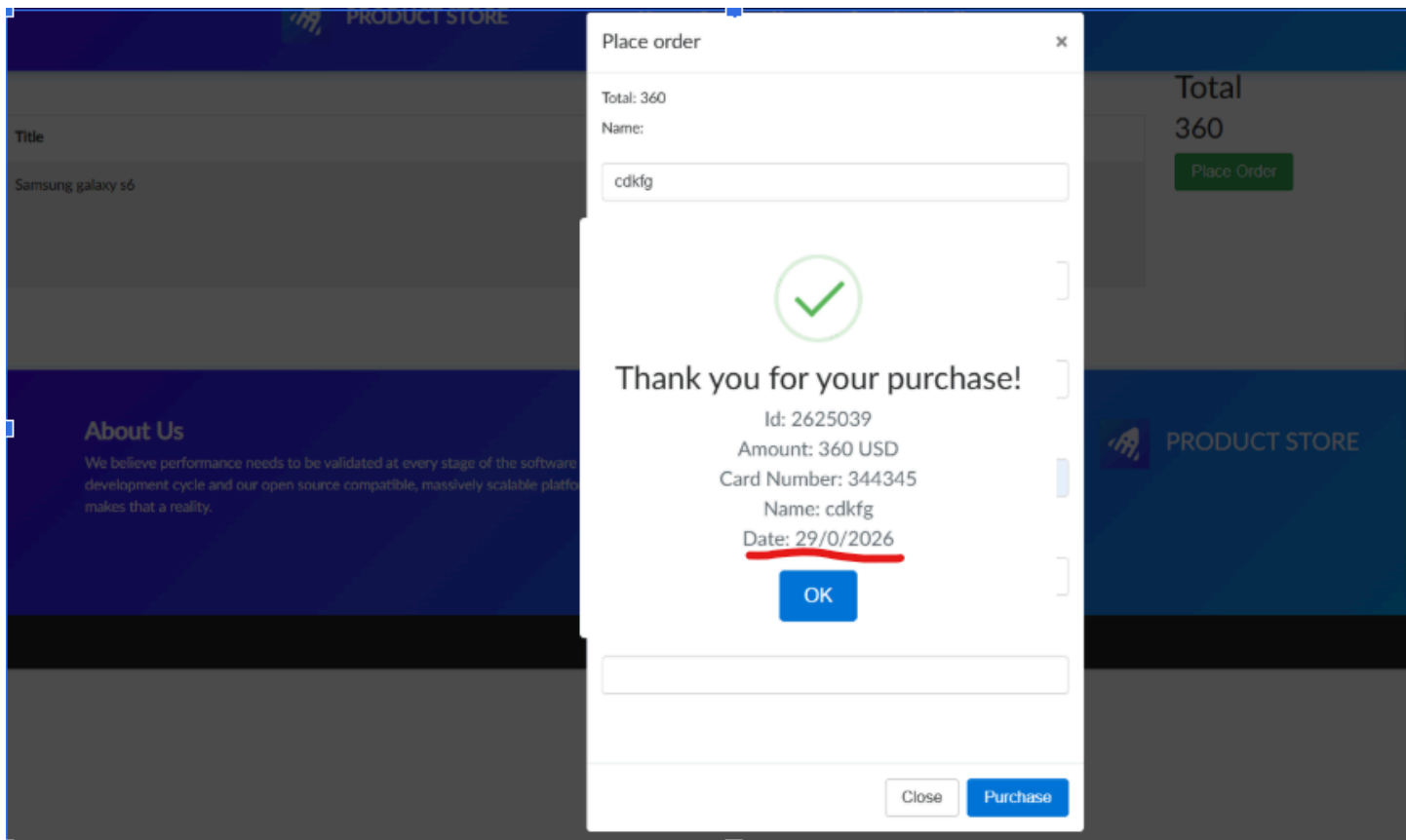
Form-level validation should prevent submission. users should see clear field-level error messages and the order should NOT be created.

#### Actual Result:

Order is accepted (purchase confirmation shown) despite empty required fields.

#### Test Evidence:





DBZ-007: The "Place Order" form accepts non-numeric characters for card number and date fields.

Defect ID	DBZ-007
Summary	The "Place Order" form accepts non-numeric characters for card number and date fields.
Description	The checkout form does not validate sensitive payment fields. Users can type letters or symbols in the Card, Month, and Year fields, which may cause failed payments or corrupt data.
Module/Feature	Cart & Checkout
Severity	High
Priority	<u>P1</u>
Status	New
Environment Details	Chrome 129.0 / Windows 11

<b>Reported By</b>	Reporter Name
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<b>Assigned To</b>	Unassigned
<b>Date Reported</b>	2026-01-27
<b>Labels</b>	validation, payments
<b>Attachments</b>	Invalid Characters allowed
<b>Service Impact</b>	Negative Testing. Unsatisfactory
<b>Logs</b>	No relevant logs available. UI Screenshot attached. Regex can be implemented to prevent this.
<b>Consistent/Intermittent</b>	Consistent during multiple attempts.
<b>Test Data</b>	Not required.

#### Steps to Reproduce:

1. Open the site <https://www.demoblaze.com>
2. Navigate to the homepage. Click on any item (ex: Nexus 6)
3. Click "Add to cart." Then the cart shows item.
4. Click on the "Cart" link in the navigation bar.
5. Click the "Place Order" button.
6. . In the "Place your order" modal, enter below details:  
non-numeric characters (e.g., "hello123") into the Card filed,  
Enter non-numeric characters (e.g., ()&YYH ) in Month and Year fields  
Enter invalid characters in name, Country and City fields.
7. Click the final "Purchase" button.

#### Expected Result:

The form should display a validation error, preventing the submission with invalid data. The fields should only accept numeric input/Valid input data depends on the field.

#### Actual Result:

The form accepts the invalid data and proceeds with the submission



## Test Evidence:

The screenshot displays a mobile application interface with a 'Place order' modal form. The form is titled 'Place order' and includes a close button (X). The form fields and their values are as follows:

- Total: 650
- Name: zxc{}csssss
- Country: unitfdv))))78
- City: 15236874
- Credit card: abcdefsvjsjd
- Month: mdiugbiunkmsol546
- Year: j gh ngd d

The background shows a product list with columns for 'Pic', 'Title', and 'Price'. The first item is 'Nexus 6' with a price of 650. There is also a 'Total 650' and a 'Place Order' button.

## DBZ-008: Mobile Alignment Issues across different screens.

Defect ID	DBZ-008
Summary	Mobile view – Multiple alignment and layout issues across Contact form, Header navigation, Product, and Cart screens
Description	<p>When accessing the application in <b>mobile view/responsive mode</b>, several alignment and layout inconsistencies are observed: examples</p> <ul style="list-style-type: none"><li>● <b>Contact Us form:</b> Input fields (Email, Name, Message) are misaligned and not spaced properly.</li><li>● <b>Header Navigation:</b> Menu items (“About us”, “Log out”, “Welcome &lt;username&gt;”) overlap or break into multiple lines.</li><li>● <b>Product Page:</b> Navigation bar elements overlap and are not aligned consistently with the layout.</li><li>● <b>Cart Page:</b> User (“Welcome &lt;username&gt;”), “Total” label, and “Place Order” button are misaligned and not visible completely.</li></ul>

<b>Module/Feature</b>	Products Cart and Place Order
<b>Severity</b>	High
<b>Priority</b>	P2
<b>Status</b>	New
<b>Environment Details</b>	Browser: Chrome (Mobile emulation – iPhone 14 Pro, 430x932 resolution)
<b>Reported By</b>	Reporter Name
<b>Assigned To</b>	Unassigned
<b>Date Reported</b>	2026-01-29
<b>Labels</b>	UI, responsive, mobile, layout, usability
<b>Attachments</b>	Attached. Please find it below
<b>Service Impact</b>	Usability and readability on mobile devices. Trust
<b>Logs</b>	No relevant errors captured.
<b>Consistent/Intermittent</b>	Consistently re-producible.
<b>Test Data</b>	Used demo account and sample product data. testusers_1

## Steps to Reproduce

1. Open the site <https://www.demoblaze.com>
2. Switch to **Mobile view** (e.g., iPhone 14 Pro, 430x932).
3. Navigate to:
  - Contact Us form** > Check field alignment.
  - Header navigation** > Observe text wrapping/overlapping.
  - Product page** > Observe misaligned header menu.
  - Cart page** > Check “Welcome <username>”, Total label, and Place Order button alignment.

## Expected Result

UI elements should align correctly on mobile view.

Navigation bar items should stack or collapse into a mobile-friendly hamburger menu. Contact form fields should be properly aligned with consistent spacing. Cart page totals and buttons should align clearly under product details

**. Actual Result**

Misaligned form fields.

Overlapping/wrapped header items.

## New message



Contact Email:

Contact Name:

Message:

Close

Send message

Laptops

Monitors





## PRODUCT STORE

[Home](#) [Contact](#) [About](#) [Cart](#) [Log](#) [Sign](#)



### Samsung galaxy s6

**\$360** \*includes tax

#### Product description

The Samsung Galaxy S6 is powered by 1.5GHz octa-core Samsung Exynos 7420 processor and it comes with 3GB of RAM. The phone packs 32GB of internal storage cannot be expanded.


Add to cart



## PRODUCT STORE

[Home](#) [Contact](#) [About](#) [Cart](#) [Log](#) [Sign](#)

### Products

Pic	Title	Price	x
	Samsung galaxy s6	360	<a href="#">Delete</a>

Total  
360

Place Order

### About Us

We believe performance needs to be validated at every stage of the software development cycle and our open source compatible, massively scalable platform makes that a reality.

### Get in Touch

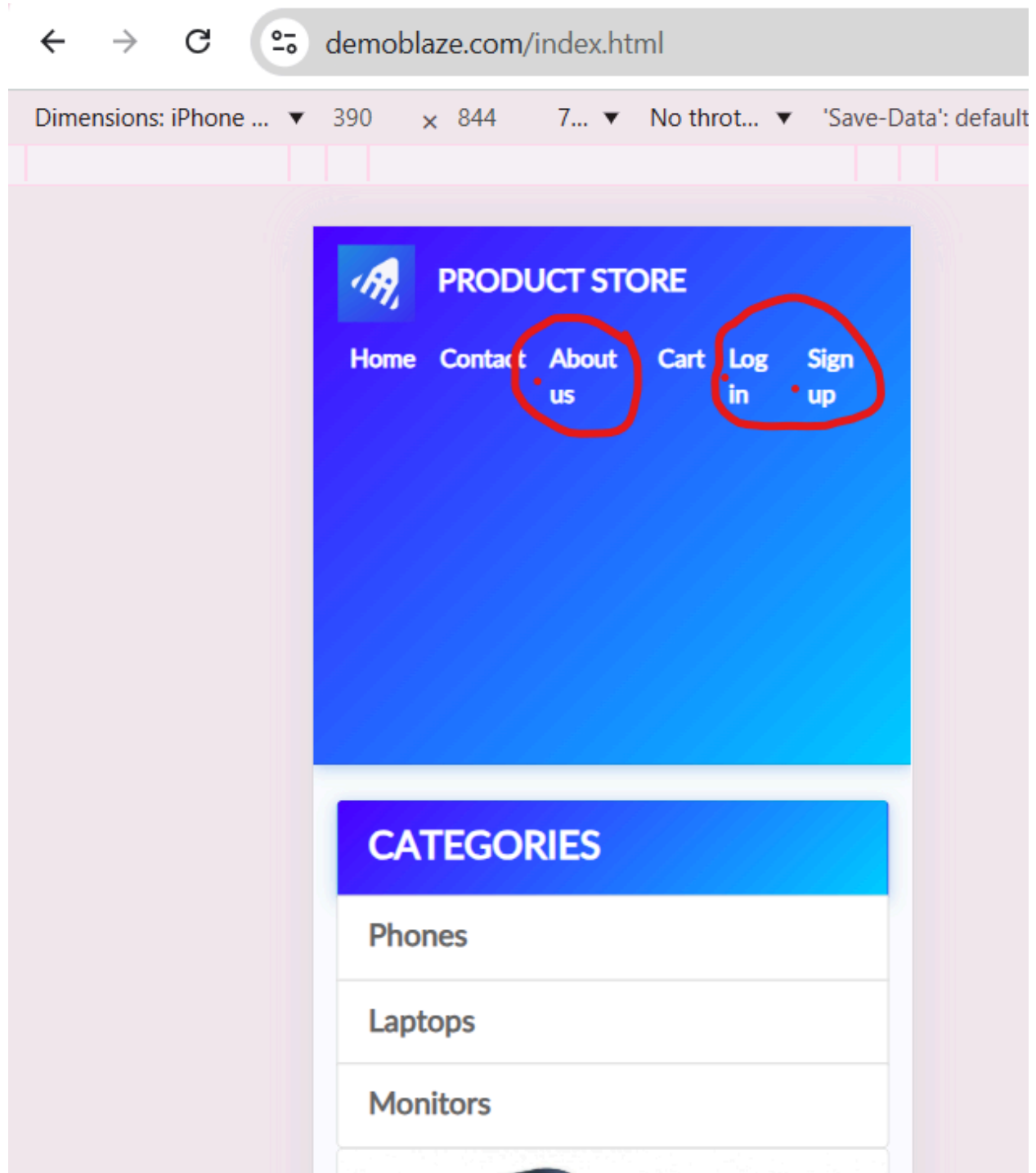
Address: 2390 El Camino Real

Phone: +440 123456

Email: demo@blazemeter.com



PRODUCT STORE



DBZ-009: Contact Us form accepts empty and invalid input without validation

Defect ID	DBZ-009
Summary	Contact Us form accepts invalid and numeric input for all fields without validation

<b>Description</b>	<p>The <b>Contact Us</b> form allows users to submit with invalid input types:</p> <ul style="list-style-type: none"> <li>• <b>Email field</b> accepts numeric or non-email strings (ex 898).</li> <li>• <b>Contact Name field</b> accepts numeric values (ex 234) as well.</li> <li>• <b>Message field</b> accepts incomplete/invalid strings (ex, <b>_009_</b>) Though invalid entries, the system still shows a misleading success alert ("Thanks for the message!!").</li> </ul>
<b>Module/Feature</b>	Contact Us form (Homepage → Contact modal)
<b>Severity</b>	Medium
<b>Priority</b>	P2
<b>Status</b>	New
<b>Environment Details</b>	All browsers/ Env
<b>Reported By</b>	Reporter Name
<b>Assigned To</b>	Unassigned
<b>Date Reported</b>	2026-01-29
<b>Labels</b>	UI, functional, validation, forms, customer-support

<b>Attachments</b>	Attached. Please find it below
<b>Service Impact</b>	System may receive junk or invalid data Increasing manual verification effort
<b>Logs</b>	No relevant errors captured.
<b>Consistent/Intermittent</b>	Consistently re-producible.



<b>Test Data</b>	Used demo account and sample product data. Testusers_1  Email:898 Contact Name:234 Message: __009__
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### Steps to Reproduce

1. Open the site <https://www.demoblaze.com>
2. Log in with a valid test user account.
3. Open the **Contact Us** form.
4. Enter numeric-only or invalid data into all fields as mentioned in Test data field.
5. Click **Send Message**.
6. Observe the success alert message.

### Expected Result

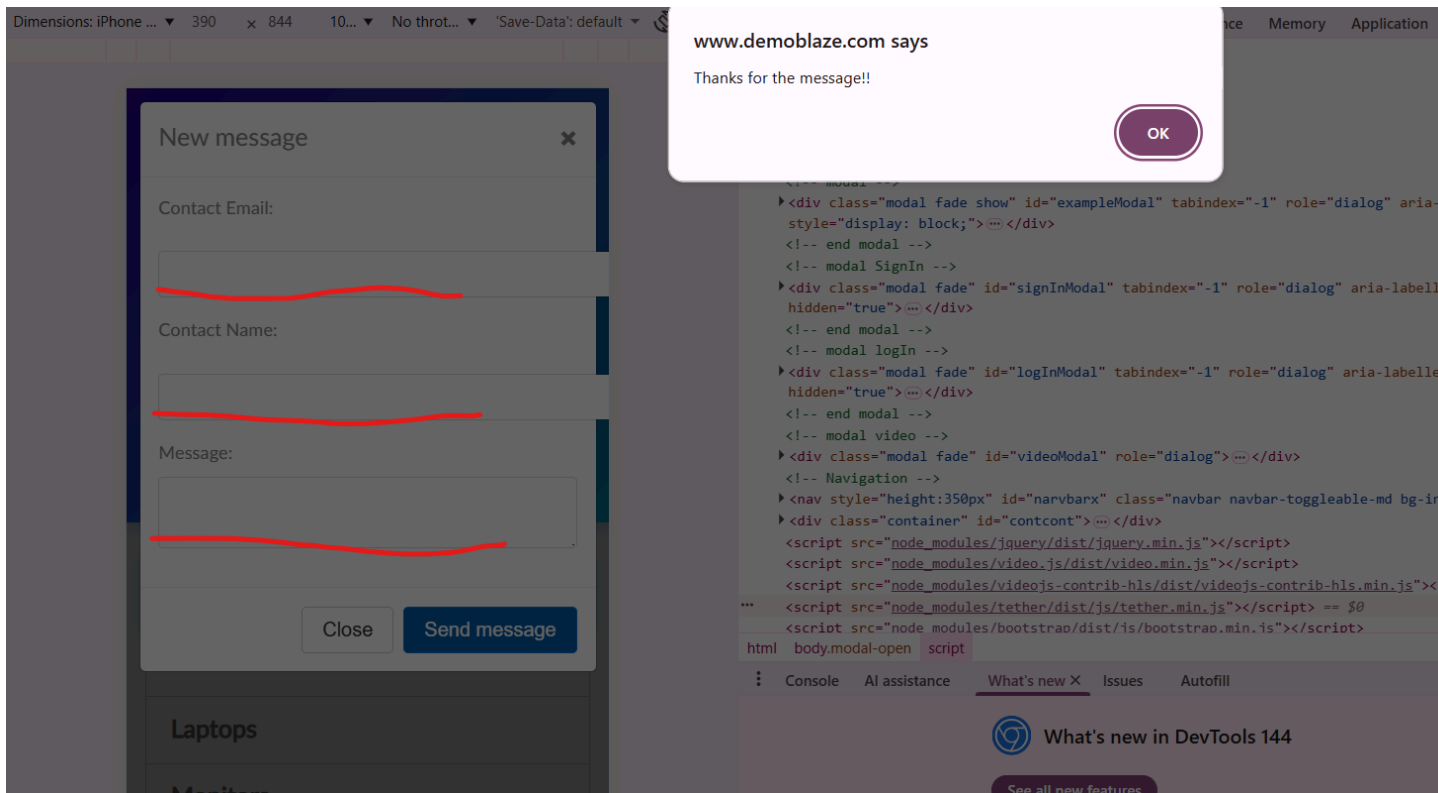
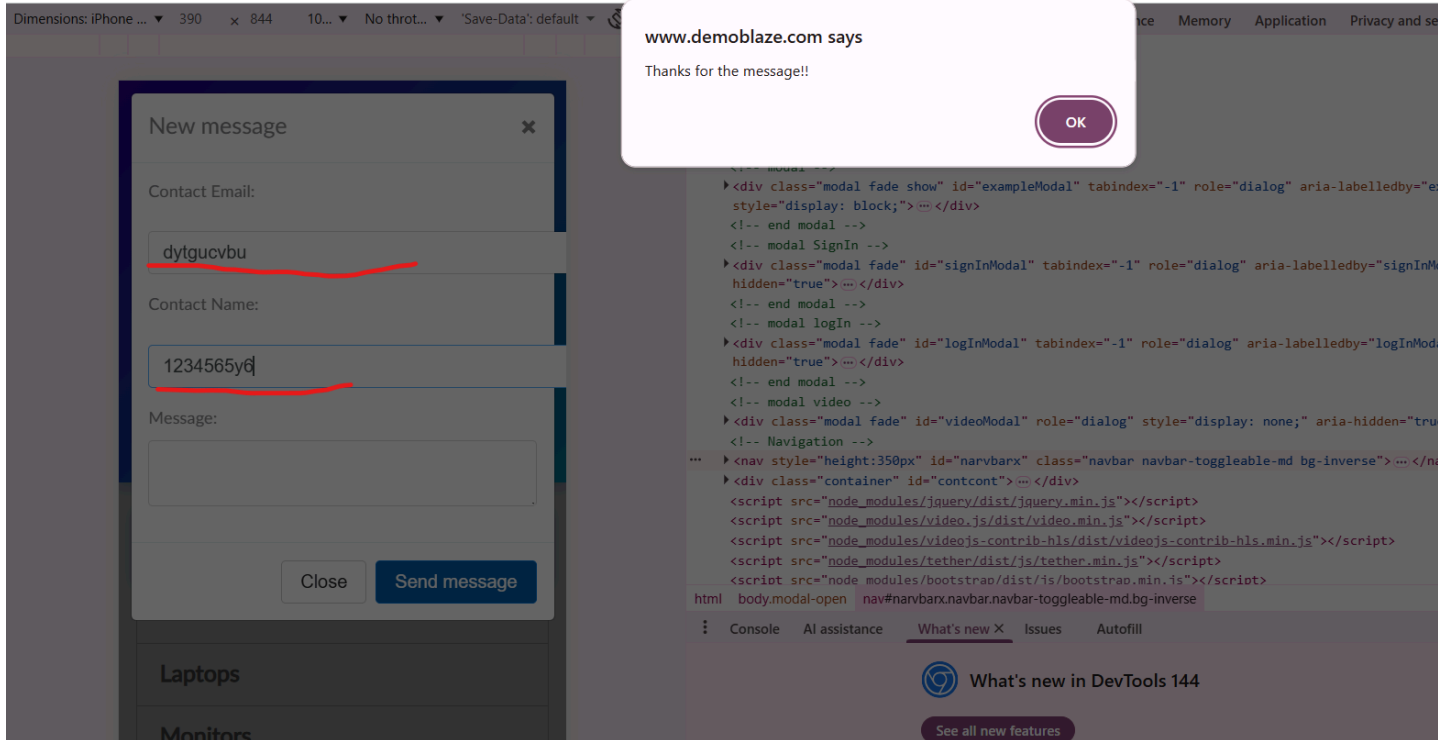
**Email** field should validate format (must be in [xyz@gmail.com](mailto:xyz@gmail.com) format).

**Contact Name** should only allow alphabetic input (with optional spaces). **Message** should accept a minimum character length and reject incomplete/invalid inputs. Form submission should fail with validation error messages if inputs are invalid.

### Actual Result

Form accepts invalid numeric data for all fields.

A misleading success alert (Thanks for the message!!) is shown.



#### DBZ-010: Pagination loses selected category

<b>Defect ID</b>	DBZ-010
<b>Summary</b>	Pagination loses selected category

<b>Description</b>	Clicking “Next”/“Previous” resets or mixes category filters, leading to unrelated items appearing.
<b>Module/Feature</b>	Pagination
<b>Severity</b>	Medium
<b>Priority</b>	P2
<b>Status</b>	New
<b>Environment Details</b>	Edge 128.0 / Windows 11
<b>Reported By</b>	Reporter Name
<b>Assigned To</b>	Unassigned
<b>Date Reported</b>	2026-01-29
<b>Labels</b>	Functional, pagination
<b>Attachments</b>	Attached. Please find it below
<b>Service Impact</b>	User unable to proceed in some flows.
<b>Logs</b>	No relevant errors captured in console (to be attached if available).
<b>Consistent/Intermittent</b>	Consistent during multiple attempts.
<b>Test Data</b>	

## Steps to Reproduce:

1. Open the site <https://www.demoblaze.com>
2. Select the “Phones” category.
3. Click “Next” at the bottom of the catalog grid.
4. Observe the items on the next page.
5. Navigate back and forth to confirm and verify what is displayed.

## Expected Result:

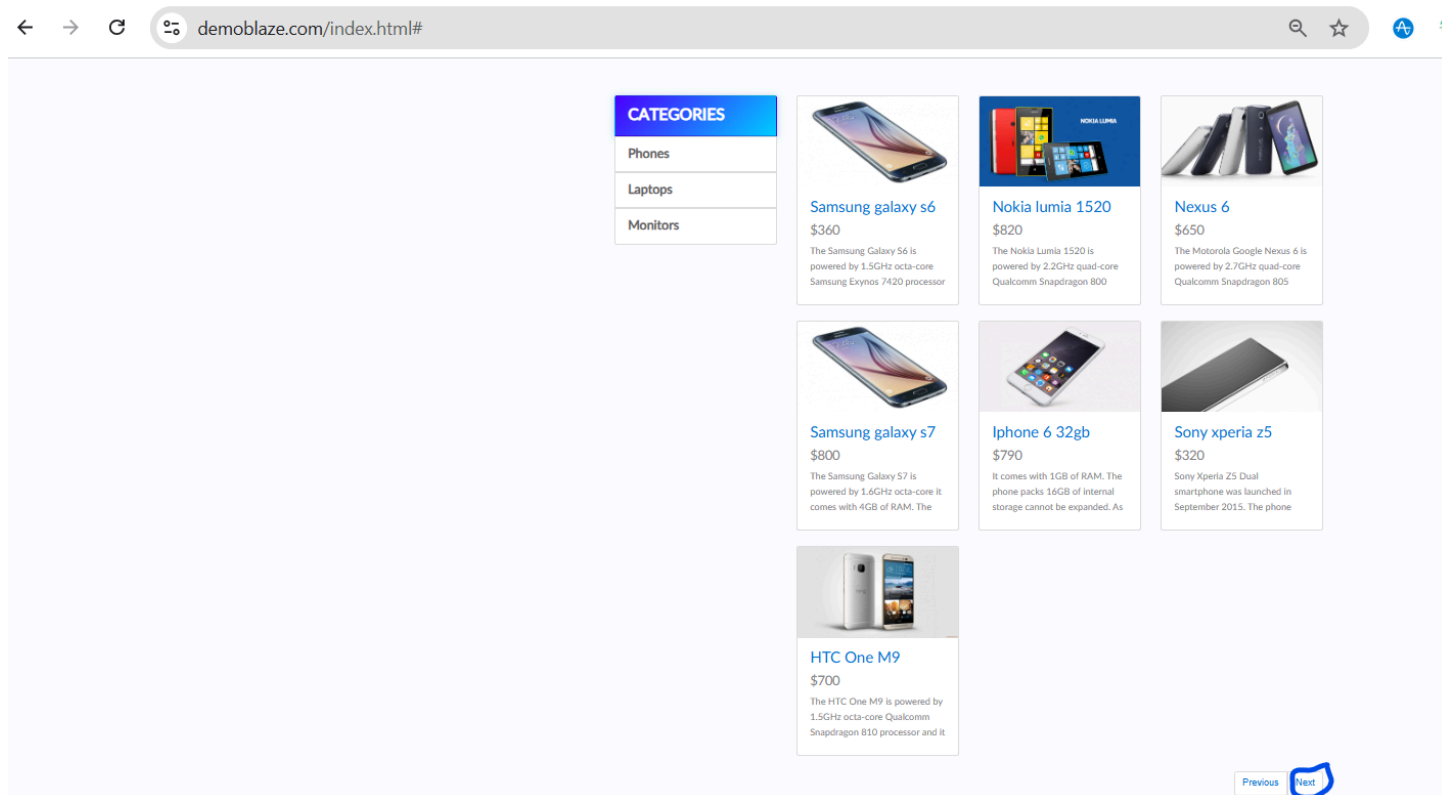
Pagination should remain scoped to the selected category.

## Actual Result:


Items from other categories appear or selection is lost.

## Test Evidence

Clicking Next from Phones page: >



Next: >




CATEGORIES

Phones


Laptops

Monitors




**Apple monitor 24**  
\$400

LED Cinema Display features a 27-inch glossy LED-backlit TFT active-matrix LCD display with




**MacBook air**  
\$700

1.6GHz dual-core Intel Core i5 (Turbo Boost up to 2.7GHz) with 3MB shared L3 cache




**Dell i7 8gb**  
\$700

6th Generation Intel Core i7-6500U Dual-Core Processor 2.5 GHz (max boost speed up to




**2017 Dell 15.6 Inch**  
\$700

7th Gen Intel Core i7-7500U mobile processor 2.70 GHz with Turbo Boost Technology up to



**ASUS Full HD**  
\$230

ASUS V524H-P 23.6- Inch Full HD



**MacBook Pro**  
\$1100

Apple has introduced three new versions of its MacBook Pro line, including a 13-inch and 15-inch

Previous

Previous > mix of all products are displayed.


← → ↻ demoblaze.com/index.html# 🔍 ☆ 🌐 📄 📱

CATEGORIES

Phones


Laptops

Monitors




**Nokia lumia 1520**  
\$820

The Nokia Lumia 1520 is powered by 2.2GHz quad-core Qualcomm Snapdragon 800




**Nexus 6**  
\$650

The Motorola Google Nexus 6 is powered by 2.7GHz quad-core Qualcomm Snapdragon 805




**Samsung galaxy s7**  
\$800

The Samsung Galaxy S7 is powered by 1.6GHz octa-core It comes with 4GB of RAM. The




**Iphone 6 32gb**  
\$790

It comes with 1GB of RAM. The phone packs 16GB of internal storage cannot be expanded. As




**Sony xperia z5**  
\$320

Sony Xperia Z5 Dual smartphone was launched in September 2015. The phone




**HTC One M9**  
\$700

The HTC One M9 is powered by 1.5GHz octa-core Qualcomm Snapdragon 810 processor and it




**Sony vaio i5**  
\$790

Sony is so confident that the VAIO S is a superior ultraportable laptop that the



**Sony vaio i7**  
\$790

REVIEW Sony is so confident that the VAIO S is a superior ultraportable laptop that the



**Apple monitor 24**  
\$400

LED Cinema Display features a 27-inch glossy LED-backlit TFT active-matrix LCD display with

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#### 4. Summary of Severity

A total of 10 defects were identified during testing of the DemoBlaze application. These were categorised by severity to reflect their impact:

Severity	Count
Critical	5
High	2
Medium	3
Total	10

Critical defects affect core functionality and require immediate attention. High severity issues significantly impact usability and data integrity, while medium severity issues impact experience or non-essential behavior.