Bug-ID	Title	Description	Steps	Expected Result	Actual Result	Severity and Priority	Tags	Attachments (Url)	Improvement	Impact
B1	**Registration form prevents all users from registering**	The registration form displays "Email already exists" regardless of the input provided, such as whitespace, random characters, or valid email addresses. This prevents new users from registering.	1. Navigate to the registration page. 2. Enter a valid email (such as, mahir.shadid@gmail.com). 3. Enter a valid name (such as, Mahir). 4. Enter a valid password (such as, 123). 5. Click on the Register button.	The user should be registered successfully if valid inputs are provided.	The system displays the error message: "Email already exists."	Severity: Critical Priority: High	auth, validation, usability	https://glitchgoods.fringecore.sh/register	Implement a more robust email validation system to ensure users cannot register with invalid or existing email addresses. This could involve checking the email format and performing a backend check to verify whether the email is already in use before submitting the form.	This will reduce user frustration and prevent unnecessary errors, improving registration flow and user satisfaction.
B2	**Cart quantity and subtotal calculation errors.**	Updating item quantities in the cart leads to several issues: 1. Items increase or decrease by 2 instead of 1 in some cases, affecting the subtotal. 2. Negative quantities can occur for some items, affecting the subtotal. 3. The cart icon's item count does not match actual quantities in the cart when the glitch occurs.	1. Add an item to the cart. 2. Navigate into the cart. 3. Click the + button to increase the quantity multiple times. 4. Click the - button to decrease the quantity when it is 1. Observe the changes in the subtotal and cart icon count.	Quantities should increase or decrease by 1, and the subtotal and cart icon count should update accurately. Decreasing should happen until 1 then if the - button is clicked the item should be cleared from the cart.	Quantities increase/decrease incorrectly, negative values are allowed, and mismatches occur in the cart icon count.	Severity: Critical Priority: High	cart, ui, validation, calculation	https://glitchgoods.fringecore.sh/cart	Fix the quantity increase/decrease logic to ensure the correct quantity is updated (such as, only incrementing/decrementing by 1). Implement validation to prevent negative quantities and synchronize the cart icon with the actual cart count.	Ensures accurate cart calculations, improving the checkout process and user confidence.
B3	**Login form displays "Account has been created" for invalid inputs.**	The login form displays "Account has been created" for various invalid inputs, such as incorrect email-password combinations, empty fields, or whitespace. This misleads users and poses a security risk.	1. Navigate to the login page. 2. Enter an invalid email (such as, noemail@etaToBhul.com). 3. Enter a random password. 4. Click on the Login button.	An appropriate error message should be displayed, such as "Invalid email or password."	The form displays the success message: "Account has been created"	Severity: Critical Priority: High	auth, validation, security, usability	https://glitchgoods.fringecore.sh/login	Update the login form to display an accurate error message when invalid inputs are provided (such as, incorrect credentials or empty fields). The message should be specific, such as "Invalid email or password," to avoid confusion.	Enhances security by not providing misleading information and improves user experience by offering clear feedback.
B4	**Page refreshing logs out user and resets cart icon count.**	When the user refreshes the page, the user account logs out and the cart icon's item count is cleared, even if the session data is restored later.	1. Add items to the cart. 2. Refresh the page. Observe the account icon and cart icon's item count.	The user account should remain logged in and the cart icon count should persist until the session is completely cleared.	Account logs out and the cart icon count resets to zero on page refresh.	Severity: High Priority: Medium	session management, cart, usability	N/A	Ensure session data is correctly stored (such as, using cookies or local storage) to maintain user login and cart state after a page refresh. This should include reloading the user's session and cart contents.	Provides a smoother and more persistent user experience, reducing frustration and ensuring the user's cart and login state are maintained.
B5	**Additional character appended to item prices in the cart.**	When items are added to the cart, a character '1' is appended to the item prices, though it does not affect the checkout price.	1. Add an item to the cart. 2. Navigate to the cart. Check the item price displayed in the cart.	The item price should display correctly without additional characters.	A character '1' is appended to the item price.	Severity: Medium Priority: Medium	ui, cart, usability	https://glitchgoods.fringecore.sh/cart	Investigate and resolve the issue where a "1" is appended to the item prices. This could involve debugging the cart display logic to ensure the price is formatted correctly.	Improves UI consistency and clarity, preventing confusion at checkout.
B6	**Checkout proceeds without login or items in the cart.**	The checkout button does not validate user actions, allowing users to proceed to checkout without logging in or adding items to the cart.	1. Navigate to the cart page without logging in. 2. Click the Checkout button without adding any items.	The system should display an error message preventing checkout without login or items.	The user is allowed to checkout with a success message.	Severity: High Priority: Medium	auth, validation, cart, functionality	https://glitchgoods.fringecore.sh/cart	Implement proper validation for the checkout process to ensure users are logged in and have added items to their cart before proceeding. Display an error message if these conditions are not met.	Prevents incomplete checkouts, enhancing the functionality and user experience by enforcing necessary actions before purchase.
B7	**Subtotal misspelled in the cart.**	The word "Subtotal" is misspelled as "Subotal" in the cart, causing a minor UI issue.	1. Navigate to cart. 2. Check the subtotal label.	The word "Subtotal" should be spelled correctly.	The word is misspelled.	Severity: Trivial Priority: Low	ui, content, usability	https://glitchgoods.fringecore.sh/cart	Correct the misspelling of "Subtotal" in the cart and other UI elements. A comprehensive audit of the UI content should be conducted to ensure proper spelling and consistency.	Improves professionalism and user trust in the platform.
B8	**Duplicate products can be added with different prices.**	Some products, like "Echobeat Pro," can be added from different sections (such as, Featured Products and Smart Gadgets) with different prices.	1. Add "Echobeat Pro" from the Featured Products section. 2. Add "Echobeat Pro" from the Smart Gadgets section. Check the cart.	The product should have a consistent price across all sections.	The product is added with different prices.	Severity: Medium Priority: Medium	cart, ui, performance, accessibility	https://glitchgoods.fringecore.sh/hero https://glitchgoods.fringecore.sh/cart	Ensure that products have consistent pricing across all sections of the site. This may involve linking the product price data to a centralized source and ensuring that all sections display the same price for the same item.	Prevents confusion and potential dissatisfaction from users who might notice price discrepancies, improving the integrity of the platform.

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B9	Duplicate images for different products.	Some products, such as "Garlic Mayo" and "Green Sprout Foods," share the same image, causing confusion for users.	1. Browse the product list. 2. Observe the images for "Garlic Mayo" and "Green Sprout Foods."	Each product should have a unique image.	Duplicate images are used for different products.	Severity: Low Priority: Low	ui, content, usability	https://glitchygoods.fringecore.sh/hero	Assign unique images to each product, ensuring that no two different products share the same image. This may involve uploading new images or editing the existing ones to be more representative of the product.	Enhances the shopping experience by providing clear, distinguishing visuals for each product.
B10	Shelf booking form allows invalid inputs.	The shelf booking form lacks proper input validation: 1. Phone number accepts spaces and invalid formats. 2. Fields (except email) accept whitespace as valid input. 3. Invalid emails (such as, "a@g") are accepted. 4. The designation field can be left empty.	1. Open the shelf booking form. 2. Enter invalid data in the fields (such as, " ", "a@g"). 3. Submit the form.	The form should validate inputs and display appropriate error messages.	The form accepts invalid inputs and proceeds without validation.	Severity: Medium Priority: Medium	form, validation, usability	https://glitchygoods.fringecore.sh/#contact	Add stricter input validation to the shelf booking form, ensuring that all fields (such as, phone number, email, designation) adhere to proper formats and are not left empty when required. Implement regex checks and error messages to guide users.	Prevents invalid data from being submitted, improving data integrity and user experience.
B11	Contact form fields accept whitespace as valid input.	All fields in the contact form, except the email field, accept whitespace as valid input.	1. Open the contact form by clicking contact on navigation bar. 2. Enter invalid data in the fields except email (such as, " ", "@##$@#$"). 3. Submit the form.	The form should validate inputs and display appropriate error messages.	The form accepts invalid inputs and proceeds without validation.	Severity: Medium Priority: Medium	form, validation, usability	https://glitchygoods.fringecore.sh/contact	Ensure that all fields in the contact form validate against whitespace and other invalid inputs. Provide clear error messages when users attempt to submit invalid data.	Prevents the submission of incomplete or incorrect forms, improving data quality and user satisfaction.
B12	Login button redirects to /register instead of /login	The login button on the navigation bar redirects to register page instead of login page.	1. Click on Login button on the navigation bar. Observe the redurected form.	The redirected form should be the login form.	It redirects to registration form.	Severity: Trivial Priority: Low	ui, usability	https://glitchygoods.fringecore.sh/	Add the action as "/login" in the element <a> where the Login button is initialized.	Enhances user comfort by smoothing the experience.