**TEXAS Group**

**EasiLendar**

**Test Design Specification**

***04/14/2015***

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**Approvals Signature Block**

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# Test Design Specification Identifier

**Case Study:** Test e-commerce website

**Website URL:** https://www.bridelibrary.com

# Features to be Tested

**Functions:** Sign up → Login → View product list → View Product detail→ Add to Cart/ Update Cart or Add to Wish list/ Update wish list → Checkout (Billing → Shipping → Payment)

* Sign up: User can register an account for shopping on the website
* Login: User can access to website for shopping
* View Product List: Overall view on product list to looking for product
* View Product Detail: Customer can view detail info of a product
* Add to Cart: Add 1 or some products on user’s cart for shopping
* Update Cart: Update info on cart (quantity, remove items)
* Add To Wish list: Add 1 or some products on user’s wish list
* Update Wish list: Update info on user’s wish list (quantity, comment, remove items)
* Billing: User fill out billing info for checkout
* Shipping: User fill out shipping info for checkout
* Payment: User select payment method and proceed transaction for payment (This feature will not be tested relating payment via PayPal)

**Environment:** Chrome (latest version), Firefox (latest version), IE (10, 11)

# Approach Refinements

The approach to testing that website correctly is specified in Section 5 Feature Pass/Fail Criteria in this document.

The approach to testing feature 1: Try to register a new user and test all field and features that all required field, check box, drop list, and all task run correctly as the design.

The approach to testing feature 2: Try to login in a created account and check that this feature run well.

The approach to testing feature 3, 4: Create an account, login in this account. Take a look to the website, try to open a page with some product and check that the display is correct, and all the features in this page is work. Try to see a product and see all product’s information.

The approach to testing feature 5, 6: Create an account, login in this account. Try to add some product to cart and update it, check that all the functions are perfect.

The approach to testing feature 7, 8: Create an account, login in this account. Try to add some product to wish list and update it, check that all the functions are perfect.

The approach to testing feature 9, 10: After choose a suitable dress; try to fill the billing and shiping information. Check all relative function that they are work correctly as the design

# Test Identification

Each Test Case must be written like this template:

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Purpose** | **Pre-Condition** | **Procedure** | **Expected Result** | **Status** | **Test Date** | **Executor** | **Note** |
| TC\_001 | <Describes briefly whether this test case is to test GUI, or to validate specified field/button/checkbox> | <The condition must be met to execute this test case, for example, to edit user profile, the pre-condition is "User is currently logged in"> | Numbered steps to execute this test case: 1.  2.  3.  4.  5. | <The expected output of test case. If there are multiple expected results, they must be numbered correspondingly to the number of step in test case procedure> | Pass | <mm/dd/yyyy> |  | (Bug\_ID) |

# Feature Pass/Fail Criteria

All features must be run correctly as the design in the respective file in /spec. All common interfaces and features must be contained inspire of they are not mentioned in the /spec.

As follow:

**#001. Login:** *As a customer,* *I want to login website in order to buy product.*

**ACCEPTANCE CRITERIA**

1. Successful login with correct username and password

* Go to account dashboard

1. Unsuccessful login with invalid username or password

* Show message “Invalid login or password.”

1. Validate required fields for email address and password

* Show message “This is a required field” in red below each of field

1. Validate a valid email address

* Show message “Please enter a valid email address. For example johndoe@domain.com” in red below the email field

1. Validate max-length for email address

* Able to enter maximum is 20 characters

1. Validate min-length for password

* Show message “Please enter 6 or more characters.”

1. Forgot password: click on link “Registered” => redirect to Forgot password

**#002. Create an account:** *As a customer,* *I want to create an account so that I can log in website for shopping*

**ACCEPTANCE CRITERIA**

1. Create an account successfully

* Go to account dashboard
* Show message “Thank you for registering with BrideLibrary.”

1. Validate required fields

* Show message “This is a required field” in red below each of field

1. Validate a valid email address

* Show message “Please enter a valid email address. For example johndoe@domain.com” in red below the email field

1. Validate max-length for email address

* Able to enter maximum is 20 characters

1. Validate min-length for password

* Show message “Please enter 6 or more characters.”

1. Validate matching password

* Show message “Please make sure your passwords match.”

1. Tick on checkbox “Register as seller”

* Show address information block
* By default, country is United Kingdom

1. Validate max-length for Zip/Postal code

* Able to enter maximum is 8 characters

1. Validate existing username (email address)

* Show message “This email address already existed on the system.”

1. Select country is United States => State will be listed as dropdown list

**#003. View product list:** *As a customer,* *I want to view list of product for shopping*

**ACCEPTANCE CRITERIA**

1. Show 12 products per page with product’s name and price
2. Sort in ascending/ descending by Price/Newest/Sale
3. Able to view other products by clicking on paging index

**#004. View product detail:** *As a customer,* *I want to view detail info of a product for shopping*

**ACCEPTANCE CRITERIA**

1. Able to zoom out images on library
2. Show product info detail (Availability, Price, Description )

**#005. Add to wish list:** *As a customer,* *I want to add products to my wish list*

**ACCEPTANCE CRITERIA**

1. Add a product to wish list successfully

* Go to wish list screen
* Message “<Product name> has been added to your wish list. Click [here](https://www.bridelibrary.com/accessories-sample-3.html) to continue”
* Show product info that was added to wish list

1. Add a product to wish list without login

* Go to login form
* Show product that was added to wish list after login

**#006. Add to cart:** *As a customer,* *I want to add products to my cart for shopping*

**ACCEPTANCE CRITERIA**

1. Add a product to cart successfully

* Go to shopping cart screen
* Show product info that was added to cart

1. Add a product to cart without login

* Go to login form
* Show product that was added to cart after login

1. Validate required fields

* Show message “This is a required field” in red below each of field

1. Show corresponding guideline (image and text) when selecting fields on tailor made
2. Add a product to cart from wish list
3. Able to add all of product on wish list to cart

**#007. Update wish list:** *As a customer,* *I want to update info for product on my wish list*

**ACCEPTANCE CRITERIA**

1. Show message “You have no items in your wish list.” If user hasn’t added items to wish list yet
2. Remove an item on wish list

* Show message “Do you want to remove this item?” Yes/No buttons
* Hidden this item on wish list of current user

1. Able to add comment for specific product
2. Able to update quantity for specific product
3. Able to view detail product from wish list

* Click on thumbnail image to redirect to product detail screen

**#008. Update cart:** *As a customer,* *I want to update info of products on my shopping cart*

**ACCEPTANCE CRITERIA**

1. Show message “Shopping cart is empty.” If user hasn’t yet added items to cart
2. Remove an item on cart

* Show message “Do you want to remove this item?” Yes/No buttons
* Hidden this item on cart of current user

1. Able to update quantity for specific product
2. Able to move items on cart to wish list
3. Able to view detail product from cart

* Click on thumbnail image to redirect to product detail screen

**#009. Create billing info:** *As a customer,* *I want to create billing info for checkout*

**ACCEPTANCE CRITERIA**

1. Select billing info from existing billing address
   * Show billing info that was created for user’s profile
2. Create new billing info for checkout

* By default, all fields are blank
* Validate required fields
* Able to save this address in address book

1. Able to use billing address for shipping address

**#010. Create shipping info:** *As a customer,* *I want to create shipping info for checkout*

**ACCEPTANCE CRITERIA**

1. Select shipping info from existing shipping address
   * Show shipping info that was created for user’s profile
2. Create new shipping info for checkout
   * By default, all fields are blank
   * Validate required fields
   * Able to save this address in address book
3. Able to use billing address for shipping

Document Control

Change History

|  |  |  |
| --- | --- | --- |
| **Revision** | **Release Date** | **Description [list of changed pages and reason for change]** |
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Document Storage

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Document Owner

Cat Can is responsible for developing and maintaining this document.