





Contents

Scope of Testing for the "Add Item" Page	1
1. Functional Testing	1
2. Security Testing	
3. Usability Testing	
4. Performance Testing	
5. Compatibility Testing	
6. Non-Functional Testing	

Scope of Testing for the "Add Item" Page

The scope of testing for the **"Add Item"** page covers functional, non-functional, security, usability, and performance testing aspects to ensure the page works as expected under all conditions. Below is a detailed breakdown of the scope:

1. Functional Testing

This includes verifying all core functionalities of the "Add Item" page to ensure it behaves as intended:

• Form Fields Validation

- o Check all mandatory fields such as product name, description, price, and category.
- o Test character limits for text fields (e.g., Product Name, Description).
- Validate correct formatting for specific fields (e.g., price must only accept numerical values).
- Ensure dropdowns, checkboxes, radio buttons, and other form elements work properly.

Input Validation

- Validate input against potential SQL injection and other malicious attacks.
- Ensure special characters, HTML tags, and script injections are handled properly.

File Upload

o Validate file upload functionality for product images.







- Ensure only allowed file types (e.g., JPG, PNG) are accepted.
- Validate file size limits.

• Dynamic Updates

 Ensure any dependent fields or dynamic sections are updated correctly based on user input (e.g., updating price based on product options).

Submit and Reset Buttons

- Verify the correct submission of the form when all data is valid.
- o Ensure the reset/clear functionality works and clears all fields properly.

2. Security Testing

The "Add Item" page handles sensitive data such as product information, making security testing critical:

Authentication and Authorization

 Ensure that only authorized users (e.g., product managers or admins) can access and submit items through this page.

HTTPS

Verify that the page uses secure HTTPS connections for transmitting sensitive information.

3. Usability Testing

This covers how user-friendly and intuitive the "Add Item" page is for end users:

• User Interface (UI) Consistency

 Verify that the layout, color scheme, font size, and placement of UI elements follow design guidelines.

Error Messages

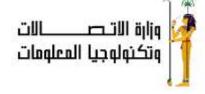
- Ensure that error messages are clear, helpful, and user-friendly.
- Test if the user receives feedback when required fields are left blank or invalid data is entered.

4. Performance Testing

The page's performance under various conditions must be assessed:







Page Load Time

o Ensure that the page loads within an acceptable time frame (e.g., under 3 seconds).

• File Upload Time

 Validate that uploading large images or files does not cause significant delays in page performance.

Concurrent Users

 Simulate multiple users adding items at the same time to check the system's ability to handle multiple requests without crashing.

5. Compatibility Testing

The "Add Item" page should work seamlessly across different environments:

Browser Compatibility

o Test the page on multiple browsers like Chrome, Firefox, Safari, Edge, etc.

Device Compatibility

 Ensure that the page is responsive and works on various devices (desktop, mobile, tablet).

6. Non-Functional Testing

This aspect ensures that the page works efficiently in real-world environments:

Scalability

 Assess the system's ability to scale when there are large volumes of data being added.

Accessibility

 Test if the "Add Item" page is accessible to users with disabilities (e.g., screen reader compatibility, keyboard navigation).