

What is being tested	Pre-conditions	Expected Outcome	Actual Outcome
Load valid media	Valid media data available	Media list is displayed correctly	Media list displayed as expected
Load incorrect format	Invalid media format file	Error message is shown, media is not loaded	Error displayed, media not loaded
Load empty file	Media file with no data	"No records" message is displayed	"No records" message displayed
Load with no file	No media file loaded	Error message is shown	Error displayed
Add valid media entry	Form filled with valid data	Entry is added to the media list	Entry added successfully
Add empty media entry	Form with no data	Validation error, entry not added	Validation error shown, no entry added
Add name > 40 characters	Name exceeding 40 characters	Validation error, entry not added	Validation error shown, no entry added
Add description > 200 characters	Description exceeding 200 characters	Validation error, entry not added	Validation error shown, no entry added
Add XSS data	Malicious script in form fields	Entry added safely	Entry added safely
Add duplicate media entry	Form with identical media data	Entry is added (duplicates allowed)	Duplicate entry added successfully
Delete entry from start	Media list with at least one entry	First entry is deleted	First entry deleted as expected
Delete entry from end	Media list with at least one entry	Last entry is deleted	Last entry deleted as expected
Delete entry from middle	Media list with multiple entries	Middle entry is deleted	Middle entry deleted as expected
Edit entry from start	Media list with at least one entry	First entry is updated with new data	First entry updated successfully
Edit entry from end	Media list with at least one entry	Last entry is updated with new data	Last entry updated successfully
Edit entry from middle	Media list with multiple entries	Middle entry is updated with new data	Middle entry updated successfully
Sort and add media	Media list sorted by attribute	Entry added and media list remains sorted	Entry added and list remains sorted correctly
Sort and delete media	Media list sorted by attribute	Entry deleted and media list remains sorted	Entry deleted, list remains sorted
Sort and edit media	Media list sorted by attribute	Entry updated and media list remains sorted	Entry updated, list remains sorted
Search and add media	Media list filtered by search query	Entry added and search results update	Entry added, search results updated accordingly
Search and delete media	Media list filtered by search query	Entry deleted and search results update	Entry deleted, search results updated accordingly
Search and edit media	Media list filtered by search query	Entry updated and search results update	Entry updated, search results updated accordingly
Sort, search, and add media	Media list sorted and filtered by search	Entry added and list updates based on search/sort	Entry added, list updated as expected

Sort, search, and delete media	Media list sorted and filtered by search	Entry deleted and list updates based on search/sort	Entry deleted, list updated as expected
Sort, search, and edit media	Media list sorted and filtered by search	Entry updated and list updates based on search/sort	Entry updated, list updated as expected
Search by name (exact match)	Media list contains entries with unique names	Correct entries are displayed	Correct entries displayed
Search by type (exact match)	Media list contains entries with different types	Entries matching the type are displayed	Correct entries displayed
Search by description (partial)	Media list contains entries with various descriptions	Entries with matching description are displayed	Correct entries displayed
Search by name (uppercase)	Media list contains entries with lowercase names	Matching entries displayed regardless of case	Correct entries displayed
Search by name (lowercase)	Media list contains entries with uppercase names	Matching entries displayed regardless of case	Correct entries displayed
Search by type (uppercase)	Media list contains lowercase type values	Matching entries displayed regardless of case	Correct entries displayed
Search by description (uppercase)	Media list contains lowercase descriptions	Matching entries displayed regardless of case	Correct entries displayed
Search by description (lowercase)	Media list contains uppercase descriptions	Matching entries displayed regardless of case	Correct entries displayed
Open "Add Media" dialog	User clicks the "Add Media" button	"Add Media" dialog opens, form fields are empty	Dialog opens with empty form fields
Close "Add Media" dialog	User clicks the close button on "Add Media" dialog	"Add Media" dialog closes without submitting data	Dialog closes successfully
Open "Edit Media" dialog	User clicks "Edit" on a media entry	"Edit Media" dialog opens, pre-filled with entry data	Dialog opens with pre-filled form values
Close "Edit Media" dialog	User clicks the close button on "Edit Media" dialog	"Edit Media" dialog closes without saving changes	Dialog closes successfully
Reset "Add Media" form after close	User closes and reopens "Add Media" dialog	Form is reset, no data from previous entry	Form resets, no previous data retained
Reset "Edit Media" form after close	User closes and reopens "Edit Media" dialog	Pre-filled data corresponds to the selected media entry	Correct pre-filled data displayed
Open dialog multiple times	User repeatedly opens and closes dialogs	Dialog opens and closes correctly each time	Dialog behaves as expected
Prevent dialog closure without action	User tries to close while editing media	Dialog can be closed without saving changes	Dialog closes without saving data

Submit invalid data (Add Media)	User submits form with invalid data by changing html	Validation error is displayed, dialog remains open	Validation error shown, form not submitted
Submit invalid data (Edit Media)	User submits form with invalid data by changing html	Validation error is displayed, dialog remains open	Validation error shown, form not submitted
Keep state after adding media	Sort or search media list, add valid media	New entry is added, search or sort state remains	Entry added, state preserved (sort/search maintained)
Keep state after editing media	Sort or search media list, edit valid media	Entry is updated, search or sort state remains	Entry updated, state preserved
Keep state after deleting media	Sort or search media list, delete entry	Entry is deleted, search or sort state remains	Entry deleted, state preserved
Add media during active search	Search active, user adds new media	New entry appears in full list, but search filter excludes it	Entry added, search results stay unchanged until search reset
Edit media during active search	Search active, user edits a listed entry	Entry is updated within search results	Entry updated within filtered search results
Delete media during active search	Search active, user deletes a listed entry	Entry is removed from search results	Entry removed from filtered search results
Cancel adding media	User opens "Add Media" dialog, cancels	No data is saved, list remains unchanged	No data saved, list remains the same
Cancel editing media	User opens "Edit Media" dialog, cancels	No changes are made to the entry	No changes, entry remains unchanged
Reopen "Add Media" after cancel	User cancels add, reopens "Add Media" dialog	Form is empty and ready for new entry	Form reset, no data retained
Reopen "Edit Media" after cancel	User cancels edit, reopens "Edit Media" dialog	Form pre-fills with correct entry data again	Correct data pre-filled
Empty search and sort	User clears both search and sort criteria	Full media list appears with default order	Full list restored, no search or sort applied
Search for non-existent media	User enters a search query that matches nothing	"No records found" message displayed	"No records found" message appears
Add duplicate media	Add media with identical data as existing entry	Duplicate entry is added	Duplicate entry added successfully
Edit media to duplicate	Edit existing media to match another entry's data	Entry updated with duplicate data	Entry updated, no conflict with duplicate data
Submit form with missing data	Form submission without required fields	Validation error shown, entry not added	Validation error displayed, form not submitted