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| **Id** | **Priority** | **Requirement** | **Module** | **Sub-module** | **Description (title + pre-conditions + steps)** | **Expected results** |
| ST01 | High | Application should launch successfully on Windows 10 | Application Launch | General | **Verify the application launches successfully on Windows 10** pre-conditions:Windows 10 OS is installed Steps:  1.Open the application installer 2. Launch the application | 2.The application launches without any errors |
| ST02 | High | Main screen fields must display correctly | UI | Main Screen | **Verify the main screen displays 'Where to search', 'What to search', and 'Search' button** Pre-condition: Application is launched Steps: 1. Navigate to the main screen 2. Check for all required fields. | 2.All specified fields are displayed correctly |
| ST03 | Medium | Language toggle switches correctly | Localization | Language Toggle | **Verify that the language toggle functionality switches between Russian and English** Pre-condition: Application is launched Steps: 1. Locate the language toggle button 2.Switch to Russian 3.Switch back to English | 2.UI translates correctly for Russian language 3.UI translates correctly for English language |
| ST04 | Medium | About page displays information | UI | About Page | **Verify that the 'About' page is accessible and displays relevant application information** Steps: 1. Navigate to the 'About' page 2. Check the displayed information | 2. The page shows accurate details about the application |
| ST05 | High | Search button functionality | Search | General | **Verify that the 'Search' button is clickable and initiates the search process** Steps: 1. Enter valid values in 'Where to search' and 'What to search' 2. Click the 'Search' button | 2. The search process starts without issues |
| ST06 | High | Valid directory input initiates search | Search | Directory Input | **Verify that entering a valid directory in 'Where to search' initiates the search process** Steps: 1. Enter a valid directory 2. Click 'Search' | 2. The search starts, and results are displayed |
| ST07 | High | File type filtering | Search | File Filtering | **Ensure that specifying a valid file type in 'What to search' filters the results correctly** Pre-condition: Valid directory is enteredSteps: 1. Select a file type 2. Start the search | 2. Results include only files of the specified type |
| ST08 | High | Results table displays data | Search Results | UI | **Verify that search results are displayed in the results table** Pre-condition: A search is initiated Steps: 1. Perform a valid search 2. Check the results table | 2. Results are displayed accurately |
| ST09 | Medium | SMB protocol support | Compatibility | Network Searches | **Verify support for SMB protocol for network-based searches** Pre-condition: Network location with SMB protocol is available Steps: 1. Enter a network path in 'Where to search 2. Start the search | 2. Search is performed successfully on the network location |
| ST10 | High | File searching for supported types | Compatibility | File Types | **Ensure file searching works for supported file types (audio, video, office)** Pre-condition: Valid directory is entered Steps: 1.Select supported file types (mp3, docx) 2. Start the search | 2. Results include only supported file types |
| ST11 | Medium | Invalid directory handling | Negative Checks | Error Handling | **Verify that the application handles invalid directories gracefully** Pre-condition: Application is launched Steps: 1. Enter an invalid directory 2. Start the search | 2. An appropriate error message is displayed |
| ST12 | High | Unsupported file types are ignored | Negative Checks | File Types | **Ensure unsupported file types (e.g., .exe) are not processed** Pre-condition: Valid directory is entered 1. Attempt a search for unsupported file types | 1.Unsupported file types are excluded from results |
| ST13 | High | Empty directory field prevention | Negative Checks | Error Handling | **Check that leaving the 'Where to search' field empty prevents the search** Steps: 1. Leave the 'Where to search' field empty 2. Click 'Search' | 2. Search does not start, and an error is shown |
| CPT01 | Medium | Thumbnail hover for video files | Business Rules | Video Files | **Verify that hovering over video file results shows a thumbnail of the first frame** Pre-condition: Video file results are displayed Steps: 1. Hover over a video file result | 1. Thumbnail is displayed |
| CPT02 | Medium | Real-time results update | Search | Results | **Verify that results update in real-time during the search process** Pre-condition: Search is in progress Steps: 1. Initiate a search with a large dataset 2. Monitor results table | 2. Results are updated in real-time |
| CPT03 | Low | Responsive UI during large searches | Performance | Responsiveness | **Ensure the application remains responsive during large searches** Pre-condition: Large dataset is available Steps: 1. Perform a search on a large dataset | 1. Application remains responsive |
| CPT04 | High | Localization accuracy | Localization | UI | **Verify the entire interface translates correctly between Russian and English** Steps: 1. Switch languages and check the UI | 1. All elements translate correctly |
| CPT05 | Medium | Duplicate results handling | Search Results | Validation | **Ensure no duplicate entries are displayed in the results table** Pre-condition: Search is completed Steps: 1.Review the results table | 1. Review the results table No duplicates are present |
| CPT06 | High | Each search result should include a file number | Search Results | Displayed Information | **Verify that each search result includes a file number (e.g., 1, 2, 3, etc.)** Pre-condition: Perform a search with valid input.  Steps: 1. Start a search with valid directory and file type.  2. Inspect the results table. | 2. Each result is listed with a unique file number. |
| CPT07 | High | Each search result should display the file name with extension | Search Results | Displayed Information | **Verify that each search result includes the file name along with its extension.** Pre-condition: Perform a search with valid input.  Steps:  1. Start a search with valid directory and file type.  2. Inspect the results table. | 2. Each result displays the correct file name with its extension. |