

1. Check list

Functional testing

1. Installation/removal/rolling of versions (update and upgrade)
2. Launching the application (displaying Splash Screen)
3. The functionality of the main functionality of the application
 - 3.1 work instructions (continue button)
 - 3.2 creating a new folder, moving files to another folder
 - 3.3 searches
 - 3.4 settings (security, share applications, conf center, contact us)
 - 3.5 add button
 - 3.6 adding via photo, camera, document import
 - 3.7 document scan
 - 3.8 scan of the queue code
 - 3.9 redo, add a page
 - 3.10 scan changes (crop)
 - 3.11 working with a ready scan (export, modification, adding pages, converting, signature, deletion)
 - 3.12 saving changes
 - 3.13 file sorting
4. Testing of pop-ups and alerts
5. Scroll/swipe elements
6. PUSH notified testing
7. Minimize/expand the application, sleep mode and lock/unlock the device
8. Different types of connection (cellular/Wi-Fi)
9. Screen orientation (landscape/portrait)
10. Privacy policies and other links to documents

Compatibility testing

1. Interruption testing (incoming call/sms/push/alarm/do not disturb, etc.)

Security Testing

1. Testing permissions (access to camera/microphone/gallery/etc.)
2. In the field with password entry and confirmation, the data is hidden by asterisks
3. when entering the application, a field for entering a password opens, all data is hidden
4. changing the password, turning it off
5. adding a biometric password, changing it

Localization and globalization testing

1. All elements in the application are translated into the appropriate language
2. Correct display of dates

Usability Testing

1. Inactive items are grayed out
2. Correct return to the previous screen

Stress testing (can be done on the Xcode 12 emulator with the ability to take a screenshot)

1. High CPU usage
2. Out of memory
3. Battery loading
4. Rejections
5. Low network bandwidth
6. A large number of user interactions with the application (this may require simulating real network conditions)

Performance Testing

1. Application loading time
2. Application resource consumption (e.g. battery consumption)

2. Test cases

Test case #1

Title: Adding a document through the camera

Preconditions:

1. Download ScanGuru app from Appstore
2. Skip instructions
3. Allow camera access

Steps:

1. Click on the "+" button
2. Select camera
3. Point the camera at the text
4. To photograph
5. Crop photo to text borders
6. Click "Finish"

Expected Result:

1. The photo will be saved as a separate file in the file list on the main screen
2. The photo taken will open in the editor.

Status: Success

Test case #2

Header: Adding a document through a photo

Preconditions:

1. Download ScanGuru app from Appstore
2. Skip instructions
3. Allow access to files

Steps:

1. Click on the "+" button
2. Select photo
3. Select the desired photo from the gallery

Expected Result:

1. The photo will be saved as a separate file in the file list on the main screen
2. The selected photo will open in the editor

Status: Success

Test case #3

Title: Adding a document via document import

Preconditions:

1. Download ScanGuru app from Appstore
2. Skip instructions
3. Allow access to files

Steps:

1. Click on the "+" button
2. Select Import Documents
3. Select the required document

Expected Result:

1. The document will be saved as a separate file in the file list on the main screen
2. The selected document will open in the editor.

Status: Success

Test case №4

Title: QR code scanning

Preconditions:

1. Download ScanGuru app from Appstore
2. Skip instructions
3. Allow camera access

Steps:

1. Click on the "+" button
2. Select camera
3. Select scan QR code
4. Hover over QR code

Expected Result:

1. Pop up opens "QR code found" (possibility to open in Safari, copy to clipboard, cancel)

Status: Success

Test case #5

Title: Sort by "Document Title"

Preconditions:

1. Download ScanGuru app from Appstore
2. Skip instructions
3. The default sorting is "By creation date"

Steps:

1. Click on the sort button
2. Select sorting by "Document Name"

Expected Result:

1. Pop up with sort selection closes
2. All files are sorted by "Document Name"
3. A blue badge appears on the sort button
4. Selected sorting is blue

Status: Success

Test case #6

Title: Creating a new folder

Preconditions:

1. Download ScanGuru app from Appstore
2. Skip instructions

Steps:

1. Click on the button to add a folder
2. Enter folder name
3. Click "Save"

Expected Result:

1. The created empty folder will appear on the main screen

Status: Success

Test case #7

Title: Finding Files

Preconditions:

1. Download ScanGuru app from Appstore
2. Skip instructions
3. Create three test files ("test1", "test2", "test3")

Steps:

1. Click on the search button

2. Enter file name ("test2")

Expected Result:

1. A document named "test2" will appear in the search list

Status: Success

Test case #8

Title: Deleting Files

Preconditions:

1. Download ScanGuru app from Appstore
2. Skip instructions
3. Create three test files ("test1", "test2", "test3")

Steps:

1. Select three test files with checkbox
2. Click on the delete button
3. Confirm deletion on pop up using the "Delete" button

Expected Result:

1. Files will be deleted
2. The main screen will prompt you to create a new file
3. Search button not available (greyed out)

Status: Success