

ID	Title	Steps	Expected	Actual	Risk	PASS/FAIL
TC1	Verify Basic Password Generation Functionality	Launch the Key Fortress application on Windows. Press the "+" button to open the password generation window. Enter a Name and Email. Observe the generated password.	A 12-digit password is generated using a mix of special characters, uppercase letters, lowercase letters, and digits.	A 12-digit password is generated using a mix of special characters, uppercase letters, lowercase letters, and digits.		PASSED
TC2	Verify Advanced Options Default State	Launch the Key Fortress application on Windows. Press the "+" button to open the password generation window. Enter a Name and Email. Click on "Advanced Options". Observe the default settings.	The length slider is set to 12. All checkboxes ("Allowing Special Characters", "Require Upper Characters", "Require Digits", "Require Lower Characters", "Ensure password is unique") are checked.	The length slider is set to 12. All checkboxes ("Allowing Special Characters", "Require Upper Characters", "Require Digits", "Require Lower Characters", "Ensure password is unique") are checked.		PASSED
TC3	Verify Password Length Adjustment	Launch the Key Fortress application on Windows. Press the "+" button to open the password generation window. Enter a Name and Email. Click on "Advanced Options". Adjust the slider to a value other than 12 (e.g., 32). Click "Save".	A password of the selected length is generated.	A password of the selected length is generated.		PASSED
TC4	Verify Deselecting Character Types	Launch the Key Fortress application on Windows. Press the "+" button to open the password generation window. Enter a Name and Email. Click on "Advanced Options". Deselect one or more of the "Require" checkboxes, leaving at least one type selected. Click "Save".	A password is generated without the deselected character types.	A password is generated without the deselected character types.		PASSED
TC5	Verify Unique Password Generation	Launch the Key Fortress application on Windows. Press the "+" button to open the password generation window. Enter a Name and Email. Generate a password with default settings. Click "Save". Generate a second password with the same settings. Click "Save".	The second password is different from the first, ensuring uniqueness.	The second password is different from the first, ensuring uniqueness.		PASSED
TC6	Copy to Clipboard Confirmation window	Launch the Key Fortress application on Windows. Press the "+" button to open the password generation window. Enter a Name and Email. Generate a password with default settings. Click "Save".	A confirmation window, asking if you would like to copy to the clipboard pops up.	The confirmation window does not pop up.	Clipboard overwriting without user consent.	FAILED
TC7	Copy to Clipboard Function	Launch the Key Fortress application on Windows. Press the "+" button to open the password generation window. Enter a Name and Email. Generate a password with default settings. Click "Save". Open text editor and paste from clipboard	The generated password should be pasted into the text editor, confirming it was copied to the clipboard.	The generated password is not copied to the clipboard.	Clipboard overwriting without user consent.	FAILED
TC8	Copy to Clipboard deletes itself after 5 sec	Launch the Key Fortress application on Windows. Press the "+" button to open the password generation window. Enter a Name and Email. Generate a password with default settings. Click "Save". Open text editor and paste from clipboard wait 5 sec. Open text editor and paste from clipboard	The generated password should be pasted into the text editor, confirming it was copied to the clipboard.	The generated password is not copied to the clipboard. This cannot be tested.	Clipboard overwriting without user consent.	FAILED
TC9	Minimum Password Length	Launch the Key Fortress application on Windows. Press the "+" button to open the password generation window. Enter a Name and Email. Click on "Advanced Options". Set the password length to the minimum (0) Click "Save"	The application prevents saving a password with 0 length	The application prevents saving a password with 0 length	Users may generate a 0-length password if not properly validated.	PASSED
		Launch the Key Fortress application on Windows.				

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