ID	Title	Steps	Expected	Actual	Risk	PASS/FAIL	Recording
-		Launch the Key Fortress application on Windows.					
	Verify Basic Password Generation Functionality	Press the "Generate Password" button to open the password generation window.	A 12-digit password is generated using a mix of special characters, uppercase letters, lowercase letters, and digits.	A 12-digit password is generated			
TC1		Enter a Name and Email.		using a mix of special characters,		PASSED	
		Observe the generated password.		uppercase letters, lowercase letters, and digits.			
							.
TC2	Verify Advanced Options Default State	Launch the Key Fortress application on Windows.	The length slider is set to 12. All checkboxes ("Allowing Special Characters", "Require Upper Characters", "Require Digits", "Require Dower Characters", "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	
		Press the "Generate Password" button to open the password generation window.					
		Enter a Name and Email. Click on "Advanced Options".					
		Observe the default settings.					
		, , , , , , , , , , , , , , , , , , ,					
	Verify Password Length Adjustment	Launch the Key Fortress application on Windows.	A password of the selected length is generated.	A password of the selected length is generated.		PASSED	
		Press the "Generate Password" button to open the password generation window.					
TC3		Enter a Name and Email.					
TC3		Click on "Advanced Options".					
		Adjust the slider to a value other than 12 (e.g., 32).					
		Click "Save".					
		Launch the Key Fortress application on Windows.					†
	Verify Deselecting Character Types	Press the "Generate Password" button to open the password generation window.	A password is generated without the deselected character types.	A password is generated without the deselected character types.		PASSED	
TC4		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".			<u>. </u>		
	Verify Unique Password Generation	Launch the Key Fortress application on Windows.		The second password is different from the first, ensuring uniqueness.			1
		Press the "Generate Password" button to open the password generation window.					
		Enter a Name and Email.	1				
T05			The second password is different from the first, ensuring uniqueness.			PASSED	
TC5		Generate a password with default settings.					
		Click "Save".					
		Generate a second password with the same settings.					
		Click "Save".					
	Copy to Clipboard Confirmation window	Launch the Key Fortress application on Windows.	A confirmation window, asking if you would like to copy to the clipboard pops up.		Clipboard overwriting without user consent.		1
		Press the "Generate Password" button to open the password generation window.		The confirmation window does not pop up.		FAILED	https://drive.google
TC6		Enter a Name and Email.					com/file/d/104dplKKzC qMxCFm0Aa41Vimae Q4PCK/view?
100							
		Generate a password with default settings.					usp=sharing
		Click "Save".					
		Launch the Key Fortress application on Windows.	The generated password should be pasted into the text editor, confirming it was automatically copied to the clipboard.	The generated password is not automatically copied to the clipboard.	Clipboard overwriting without user consent.	FAILED	
	Copy to Clipboard Function after saving password	Press the "Generate Password" button to open the password generation window.					https://drive.google. com/file/d/104dpIKKzC qMxCFm0Aa41Vimae Q4PCK/view? usp=sharing
		Enter a Name and Email.					
TC7		Generate a password with default settings.					
		Click "Save".					
		Open text editor and paste from clipboard					
							
	Copy to Clipboard deletes itself after 5 sec	Launch the Key Fortress application on Windows.	The generated password should not be pasted into the text editor, confirming it was deleted from the clipboard.	The generated password should not be pasted into the text editor, confirming it was deleted from the clipboard.	Clipboard overwriting without user consent.		
		Press the "Generate Password" button to open the password generation window.					
		Enter a Name and Email.					1
		Generate a password with default settings.					1
TC8		Click "Save".				PASSED	
		Copy password to cliipboard					
		Open text editor and paste from clipboard					1
		wait 5 sec.					1
	Minimum Password Length	paste from clipboard	The application prevents saving a password with 0 length	The application allows saving a password with 0 length	Users may generate a 0- length password if not properly validated.	FAILED	
		Launch the Key Fortress application on Windows.					
		Press the "Generate Password" button to open the password generation window.					https://drive.google
TC9		Enter a Name and Email.					com/file/d/1IDV4WF0 B8vOZeIHSQ0eKa32
		Click on "Advanced Options".					cx-Hi2/view?
		Set the password length to the minimum (0)					usp=sharing
		Click "Save"					
							
	Maximum Password Landth	Launch the Key Fortress application on Windows.	The application allows up to 512	The application allows up to 512 characters.		PASSED	1
		Press the "Generate Password" button to open the password generation window.					1
		Enter a Name and Email.					1
TC:10	Maximum Password Length						
TC10	Maximum Password Length	Click on "Advanced Options".	characters.	characters.		FASSED	

		Click "Save"									
TC11	Verify Behavior When All Character Types Are Deselected	Launch the Key Fortress application on Windows.	At least one check box must remain checked.	PASSED							
		Press the "Generate Password" button to open the password generation window. Enter a Name and Email. Click on "Advanced Options". Uncheck all boxes									