

Test Cases – File Encryptor

Template Followed:

Test Scenario:

Test Case:

Preconditions:

Test Steps:

Test File:

Expected Result:

Actual Result:

Pass or Fail:

Test Case 1

Test Scenario: Ensure File Encrypts

Test Case: Check if the application encrypts the file

Preconditions: Application is running. The file is readable and available.

Test Steps:

1. Run the File Encryptor/Decryptor application
2. Click the Browse button and select a file
3. Enter a valid password in the password field
4. Click the Encrypt button

Test File: image.jpeg | **password:** password123

Expected Result: The file is encrypted

Actual Result: The file is encrypted under .enc

Pass or Fail: Pass

Test Case 2

Test Scenario: Ensure file decrypts

Test Case: Check if application properly decrypts the file

Preconditions: Application is running. .enc file exists.

Test Steps:

1. Run the File Encryptor/Decryptor application
2. Click the Browse button and select the proper .enc file
3. Enter the used password in the password field
4. Click the Decrypt button

Test File: image.jpeg.enc | password: password123

Expected Result: The file decrypts and is viewable again.

Actual Result: File is viewable again

Pass or Fail: Pass

Test Case 3

Test Scenario: Validate Folder Selection

Test Case: Make sure that the selected destination receives the files

Preconditions: Application running. File set to encrypt or decrypt

Test Steps:

1. Run the File Encryptor/Decryptor application
2. Click the Browse button and select a file
3. Enter a valid password in the password field
4. Navigate to the selected destination
5. Click the Encrypt button

Test File: image.jpeg | password: password123

Expected Result: The encrypted file appears in the destination folder

Actual Result: The file appears in the destination folder

Pass or Fail: Pass

Test Case 4

Test Scenario: Validating password visibility toggle

Test Case: Ensure the password visibility toggle works

Preconditions: Application is running. Password is in password field

Test Steps:

1. Run the application
2. Enter a password into the password field
3. Click the Show button

Test File: N/A

Expected Result: The password will reveal itself to the user

Actual Result: The password is revealed

Pass or Fail: Pass

Test Case 5

Test Scenario: Validate Translate Button

Test Case: Ensure the Translation Toggle Works

Preconditions: Application is running

Test Steps:

1. Run the application
2. Click the Espanol Button

Test File: N/A

Expected Result: The application is translated into spanish

Actual Result: the application is translated into spansih

Pass or Fail: Pass

Test Case 6

Test Scenario: Validate multiple file encryption

Test Case: Ensure the application can encrypt multiple files

Preconditions: Application is running.

Test Steps:

1. Run the application.
2. Click the Browse button and select multiple files
3. Enter a valid password into the password field
4. Navigate to the proper destination
5. Click the Encrypt button

Test File: image.jpeg, word.txt, iamadoc.docx | password: password123

Expected Result: The files are all encrypted separately

Actual Result: The files encrypt separately

Pass or Fail: Pass

Test Case 7

Test Scenario: Validate multiple file decryption

Test Case: Ensure the application can decrypt multiple files

Preconditions: Application is running.

Test Steps:

6. Run the application.
7. Click the Browse button and select two decrypted .enc files (same password)
8. Enter a valid password into the password field
9. Navigate to the proper destination
10. Click the decrypt button

Test File: image.jpeg.enc, iamadoc.docx.enc | password: password123

Expected Result: The files are decrypted separately

Actual Result: The files decrypt separately

Pass or Fail: Pass