Defect Analysis and Bug Summary

# Issue ID: #15435 - Crash During Search in Search Results

Description: Notepad++ crashes when performing a nested search in the search results panel.

Current Behavior: Application crashes when the user searches again inside the search results.

Expected Behavior: The app should execute the nested search safely or provide an error message.

Impact:   
High – The application becomes unusable during search operations.

Steps to Reproduce:

- 1. Open Find in Files

- 2. Search any keyword

- 3. Right-click on the result → 'Find in these results'

- 4. Perform another search

Bug Status: Open

Resolution: A potential fix involves ensuring the search result UI is refreshed correctly after each nested search. It may also be necessary to fix memory handling or improve the way search results are stored to prevent crashes.

# Issue ID: #15378 - All Tabs Closed After Update to v8.6.5

Description: All previously opened tabs are lost after updating to version 8.6.5.

Current Behavior: Only one new empty tab appears; other tabs are gone.

Expected Behavior: All open tabs (saved/unsaved) should be restored post-update.

Impact:   
High – Risk of data loss and loss of session state.

Steps to Reproduce:

- 1. Use Notepad++ with multiple open tabs

- 2. Update to v8.6.5

- 3. Restart the application

Bug Status: Open

Resolution: Implement a mechanism to restore open tabs from the session after an update. This can involve storing tab session information in a config file and reloading it during app startup.

# Issue ID: #14967 - Find and Replace Extended Mode Issue

Description: Find and replace using extended characters doesn't work correctly.

Current Behavior: Replace All does not work when replacing '\t\r\n' with '\r\n'.

Expected Behavior: Replace operation should affect all matching sequences.

Impact:  
Medium – Hinders advanced editing and batch cleanup.

Steps to Reproduce:

- 1. Open Replace dialog

- 2. Choose ‘Extended’ mode

- 3. Replace '\t\r\n' with '\r\n'

- 4. Click Replace All

Bug Status: Open

Resolution: Refine the extended characters handling logic in the Find and Replace function. Ensuring that the special characters are treated correctly by the parser should resolve the issue.

# Issue ID: #12453 - Crash When Opening File Named 'file.'

Description: Notepad++ crashes when opening a file with a trailing period.

Current Behavior: App crashes or freezes upon opening the file.

Expected Behavior: App should handle or reject such filenames gracefully.

Impact:   
Medium – Unexpected crash due to improper filename handling.

Steps to Reproduce:

- 1. Create a file named 'file.' in Windows shell

- 2. Try to open it in Notepad++

Bug Status: Open

Resolution: Fix the handling of filenames with special characters (like periods) in the app’s file opening logic. Ensure the app gracefully handles these scenarios, either by rejecting the file with an error message or safely opening it without a crash.

# Issue ID: #15324 - Encoding Conversion Bug

Description: Converting from ANSI to UTF-8 causes file content to disappear.

Current Behavior: After conversion, the file appears blank.

Expected Behavior: App should preserve all text content during the encoding change.

Impact:   
High – Can cause critical data loss.

Steps to Reproduce:

- 1. Create a file in ANSI encoding

- 2. Use the ‘Convert to UTF-8’ option

- 3. Observe file content

Bug Status: Open

Resolution: Review the encoding conversion process to ensure that no data is lost during the transition. A more thorough check should be added to validate the content after encoding changes, and the file content should be preserved across formats.