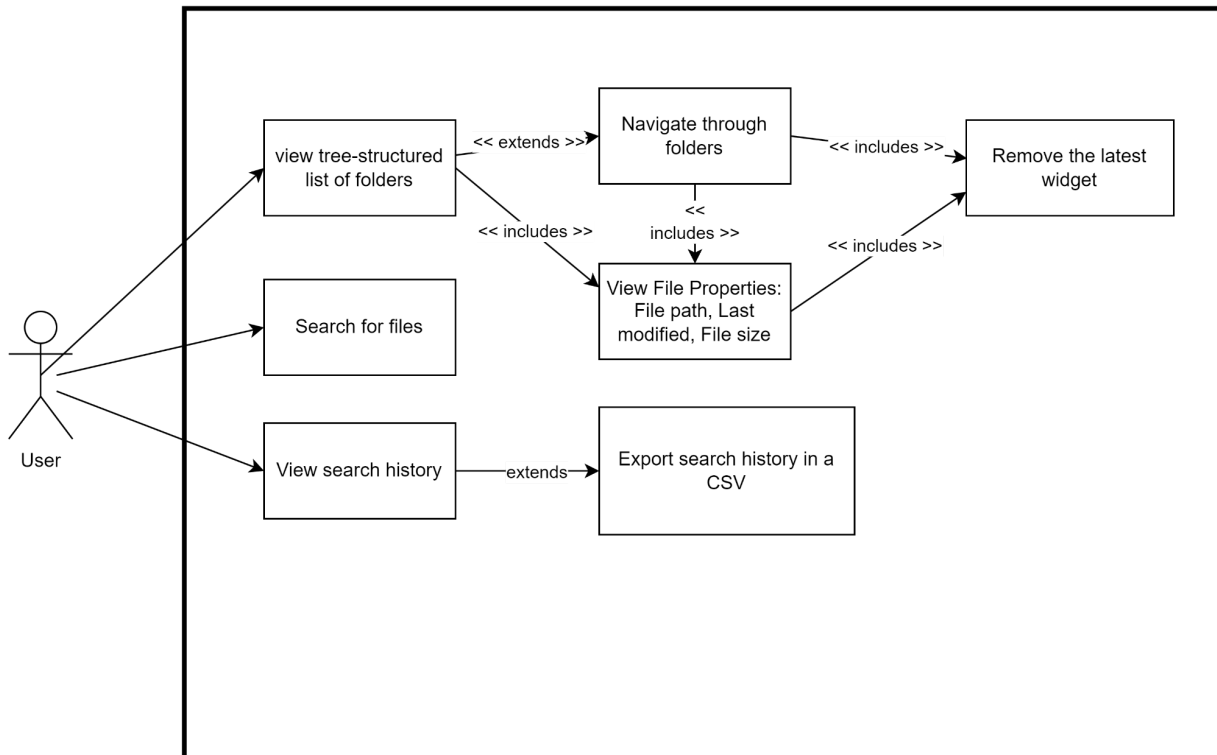# File Finder Tool

Name: view tree-structure list of folder
Actor(s): User
Goal: view content in directory
Preconditions: None

Main success scenario:
1. System show content in home directory
2. User navigates through file in directory tree
3. System give the new content in the directory that user navigated through
4. User click a file in folder
5. System show file attributes in table widget next to the current tree view

Extension scenario (a):
     3a. The folder user selected is protected/missing permissions
     4a. Systems does nothing and displays a warning message

Extension scenario (b):
     3b. The folder user selected is empty
     4b. Systems display a message that the folder is empty

Extension scenario (c):
>　4c. User click going back button
>　5c. Systems remove the latest tree view

Extension scenario (d):
>　4d. User navigates through file in the previous tree view
>　5d. Systems collapse every tree view until the tree view that user just clicked folder and open new tree view from user's clicked folder

Extension scenario (e):
>　6e. User click going back button
>　7e. Systems remove the attribute table

Extension scenario (f):
>　8f. User click another file in the same tree view
>　9f. Systems remove the old attribute table and add new attribute table

Extension scenario (g):
>　8g. User click another file in the previous tree view
>　9g. Systems remove the old attribute table and collapse every tree view until the tree view that user just clicked file and add new attribute table

Name: Search for files
Actors: User
Goal - Search for files to view a list of files and their properties
Preconditions: None

Main success scenario:
1. System displays content in home directory
2. System asks for a keyword for searching file
3. User enters a keyword
4. System displays all the results
5. System saves search history
6. User selects a specific file
7. System displays file's property

Extension scenario (a):
>　3a. User search using wildcards
>　4a. Return to step 4 in main success scenario

Extension scenario (b):
>　4b. System can not find any file from user's keyword
>　5b. System displays error message that there is not any file with this search keyword

Extension scenario (c):

       7c. User wants to search for another file

       8c. Return to step 2 of main scenario

Extension scenario (d):

       7d. User wants to view search history

       8d. System displays search history

Extension scenario (e):

       4e. User does not enter a keyword

       5e. System shows no search string error

Name: View search history

Actor(s): User

Goal - View search history detail in current session

Preconditions: User must search for files at least once

Main success scenario:

1. System displays a table containing details of file search history.

Extension scenario (a):

       2a. User clicks export search history as CSV

       3a. System asks for location and filename to save the output file.

       4a. User chooses a location and file name for the output file.

       5a. System creates a CSV file containing the details of search history