



<b>CREATE NEW FILE</b>	
<b>ACTORS</b> <ul style="list-style-type: none"> <li>User</li> <li>File Management System</li> </ul>	<b>REQUIREMENT</b> FR_5 – The system must allow creating new files.
<b>DESCRIPTION</b> This use case allows a user to create a new file within the project directory. Once confirmed, the system generates an empty file with the specified name and updates the file tree accordingly.	
<b>PRE-CONDITIONS</b> <ul style="list-style-type: none"> <li>The project folder must be open.</li> <li>The file name must not conflict with an existing file in the target directory.</li> </ul>	
<b>NORMAL FLOW</b> <ol style="list-style-type: none"> <li>The user selects the option “New File” from the file menu or right-click context menu.</li> <li>The system prompts the user to enter a file name and select a destination folder within the project.</li> <li>The user provides the file name and confirms the action.</li> <li>The system validates the file name and checks for name conflicts in the destination directory.</li> <li>If validation succeeds, the system creates an empty file in the specified location.</li> <li>The system updates the file tree to reflect the new file.</li> <li>The system opens the new file in an editor tab for immediate use.</li> </ol>	
<b>ALTERNATIVE FLOW</b> <ol style="list-style-type: none"> <li>If the user enters a file name that already exists: <ol style="list-style-type: none"> <li>The system displays a warning message indicating the conflict.</li> <li>The user may choose a different name or cancel the operation.</li> </ol> </li> <li>If the file name contains invalid characters: <ol style="list-style-type: none"> <li>The system displays an error message.</li> <li>The user must correct the file name before proceeding.</li> </ol> </li> </ol>	
<b>POST-CONDITIONS</b> <ul style="list-style-type: none"> <li>A new file has been created in the selected folder.</li> <li>The system reflects the change in the file structure view.</li> <li>The system opens the file ready for editing.</li> </ul>	
<b>NOTES</b> <ul style="list-style-type: none"> <li>The creation process should be lightweight and must not block the UI.</li> </ul>	