Controls; Name, Owner, Purpose

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| Name | Type | Purpose |
| **MainWindow Controls** | | |
| [miHome](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#miHome) | MenuItem | Meun Item that is opened when the program is activated. |
| [miSubjectTree](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#miSubjectTree) | MenuItem | Selects the Subject Tree once the Subject and Reference folders are identified |
| [miQAPage](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#miQAPage) | MenuItem | Allows the user to select either Create/Edit a QA file or to take a Test/Review |
| [CreateOrEdit](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#CreateOrEdit) | SubMenuItem | Allows the user to either Create or Edit a QA file |
| [miTest](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#miTest) | SubMenuItem | Allows the user to either take a Test or Review the questions in a QA File |
| [miLinkNotes](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#miLinkNotes) | MenuItem | Allows the user to open the page to create or call hyperlinks and note files |
| [miCloseApplication](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#miCloseApplication) | MenuItem | Clicking this menu item is the only way the user can close the program because the control box has been removed |
| [ucHome](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#ucHome) | UserControl | When called this control is placed over the MainWindow |
| **Home Control**s | | |
| lblTitle | Label | Shows “This is the Home Page” |
| [btnOpenSubjectFolder](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#btnOpenSubjectFolder) | Button | Shown “Create or Open the Subject and Reference Folders” and when clicked calls upon the user to create or select an existing Subject folder and to create or open and existing References folder |
| **SubjectTree Controls** | | |
| [tblkSubjectName](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#tblkSubjectName) | TextBlock | A text block that will display the Name of the subject obtained from the name of the Subject folder Selected |
| [lvSubjects](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#lvSubjects) | ListView | This is a List where nodes are created and displayed. All nodes, except the root node, will have parents and may have children. The user can select any node and when done, all of its parent nodes and any child nodes will be displayed |
| [btnShowDisplayLisgt](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#btnShowDisplayLisgt) | Button | When clicked the Root node and all of its children are displayed in the [lvSubjects](file:///D:\Users\Owner\OneDrive\Documents\2021CSharpProjects\Dated%20Backup%20Files%20for%20NewLSP\_Maps%20and%20Links\Map%20of%20NewSLP%20UserControls%20and%20Main.docx#lvSubjects) List View |
| [tbxNodeName](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#tbxNodeName) | TextBox | A text box to enter the text that will be used to create, rename or move a node |
| [rbNewChild](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#rbNewChild) | RadioButton | Shows “Create new child for Selected Node” Creates a new child node for the select4ed node using the text entered in the [tbxNodeName](file:///D:\Users\Owner\OneDrive\Documents\2021CSharpProjects\Dated%20Backup%20Files%20for%20NewLSP\_Maps%20and%20Links\Map%20of%20NewSLP%20UserControls%20and%20Main.docx#tbxNodeName) Text box. |
| [rbText](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#rbText) | RadioButton | Shows “Change Title Text of Selected Node” when clicked the text entered in the [tbxNodeName](file:///D:\Users\Owner\OneDrive\Documents\2021CSharpProjects\Dated%20Backup%20Files%20for%20NewLSP\_Maps%20and%20Links\Map%20of%20NewSLP%20UserControls%20and%20Main.docx#tbxNodeName) Text box is applied to the selected node, changing it display text |
| [rbTerminal](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#rbTerminal) | RadioButton | Shows “Make Selected Node Terminal” Applies a ‘T’ as the child indicator to a node, meaning it cannot have child nodes |
| [rbDelete](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#rbDelete) | RadioButton | Shows “Delete Selected Node” when clicked the selected node is deleted. NOTE:!! a node with children cannot be deleted |
| [rbMoveNode](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#rbMoveNode) | RadioButton | Shows “Node Selected to Move” when clicked the node selected is designated as a node to move to a new parent |
| [rbExpandCollapse](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#rbExpandCollapse) | RadioButton | Shows “Show Node, Ancestors and Children” when clicked the display in the [lvSubjects](file:///D:\Users\Owner\OneDrive\Documents\2021CSharpProjects\Dated%20Backup%20Files%20for%20NewLSP\_Maps%20and%20Links\Map%20of%20NewSLP%20UserControls%20and%20Main.docx#lvSubjects) List view will change to show only this node as well as all of its parent and child nodes |
| [rbDataNode](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#rbDataNode) | RadioButton | Shows “This is the DataNode” When clicked the node selected will be designated as the data node for purposes of either opening the QA files or the Hyperlink/Note files for creating or editing |
| [lblQA](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#lblQA) | Label | This lable is originally blank, but if a node is selected that has an associated QA file then a Red circle and the message “This node has a QA file” will appear |
| [spQA](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#spQA) | StackPanel | This stack panel holds holds the elipse QACircle whose color will be Red |
| [QACircle](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#QACircle) | Ellipse | This ellipse is red and shows when the selected node has a QA file |
| [tbkQA](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#tbkQA) | TextBox | This text box contains “This node has a QA file” and shows when the selected node has a QA file |
| [lblData](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#lblData) | Label | This lable is originally blank, but if a node is selected that has an associated Hyperlink file then a Blue circle and the message “This node has a Hyperlink file” will appear |
| [spHyperlink](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#spHyperlink) | StackPanel | This stack panel will hold an ellipse (**blue**) and a TextBox which show if the selected node has a Hyperlink file |
| [tbkData](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#tbkData) | TextBlock | Shows “This node has a Hyperlink file” if the node has a Hyperlink file |
| [lblNote](Map%20of%20NewSLP%20UserControls%20and%20Main.docx" \l "lblNote) | Label | This Label contains a stack panel which contains an ellipse (Yellow) and a TextBlock which will show if the selected node has a Note file |
| [spNote](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#spNote) | StackPanel | This stack panel contains an ellipse and a TextBlock which will show if the selected node has a Note file |
| [tblkNote](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#tblkNote) | TextBlock | This text block shows “This node has a Note File” and is displayed when the selected node have an associated note file |
| **CreatEditQA Controls** | | |
| [FilesMenu](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#FilesMenu) | MenuItem | The FilesMenu contains a number of sub-MentItems which allow a user to crete or edit the QA Files or to add sound or image files to either the Question or the Answer |
| [SaveFile](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#QASaveFile) | Sub-MenuItem | When this menu item is clicked all of the entered or edited QA files string containing the Question string the answer string and any associated jpg or mp3 files will be saved to the Subject’s QAFiles folder. Each text file in this folder is nabbed using the selected node’s ID |
| [EditMenu](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#EditMenu) | MenuItem | This menu item has two sub-menu items, one to create a new QA file or the other to append questions and answers to an existing QA file |
| [NewFile](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#NewFile) | Sub-MenuItem | Shows “Begin a New File” when clicked the user will create a new QA file named for the DataNode’s ID |
| [Append](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#Append) | Sub-MenuItem | Shows “Append” when clicked the user can add additional questions/answer pairs with any associated image or sound files |
| ImagesSounds | MenuItem | This menu item show “Images/Sounds” and has several sub-menu items which allow the user to add image or sounds to either or both the question and answer files |
| [miQuestionJpgUrl](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#miQuestionJpgUrl) | Sub-MenuItem | This menu item show “Add Image to Question” and when clicked calls the OpenFile dialogue to select an image file to add to the question |
| [miAnswerJpgUrl](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#miAnswerJpgUrl) | Sub-MenuItem | This menu item show “Add Image to Answer” and when clicked calls the OpenFile dialogue to select an image file to add to the answer |
| [miQuestionMp3Url](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#miQuestionMp3Url) | Sub-MenuItem | This menu item show “Add Sound File to Question” and when clicked calls the OpenFile dialogue to select an sound file to add to the question |
| [miAnswerMp3Url](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#miAnswerMp3Url) | Sub-MenuItem | This menu item show “Add Sound File to Answer” and when clicked calls the OpenFile dialogue to select an sound file to add to the answer |
| [tbxQuestion](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#tbxQuestion) | TextBox | The user enters the question text here |
| [tbxAnswer](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#tbxAnswer) | TextBox | The user enters the answer text here |
| [btnGetNextQA](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#btnGetNextQA) | Button | This buttons shows “” and when clicked saves the question and answer text along with any associated image or sound files and then clears all the entry fields |
| **Link\_Note Controls** | | |
| [Applications](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#Applications) | MenuItem | This MenuItem contains a number of sub-MenuItems allowing the user to open various types of files or applications such as opening an existing file(i.e. Word), open a blank Word file, open a blank Excel file etc. |
| [miOpenFileDialog](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#miOpenFileDialog) | Sub-MenuItem | This sub-MenuItem allows the user to open an existing file using the file open dialog. This will usually be a file that is going to serve as a hyperlink file or a note file for a node |
| [miWord](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#miWord) | Sub-MenuItem | This sub-MenuItem allows the user to open the MS Word application to create or edit a document |
| [mExcel](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#mExcel) | Sub-MenuItem | This sub-MenuItem allows the user to open the MS Excel application to create or edit a spreadsheet |
| [miWindowsMediaPlayer](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#miWindowsMediaPlayer) | Sub-MenuItem | This sub-MenuItem allows the user to open the WindowsMediaPlayer application to play a video or hear a mpe3 file |
| [Notepad](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#Notepad) | Sub-MenuItem | This sub-MenuItem allows the user to open the Notepad++ application to create or edit a text file |
| [miFireFox](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#miFireFox) | Sub-MenuItem | This sub-MenuItem allows the user to open the FireFox browser to browse for information |
| [miPaint](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#miPaint) | Sub-MenuItem | This sub-MenuItem allows the user to open the MS Paint program to create or edit an image file |
| [Files](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#Files) | MenuItem | This MenuItem has several sub-MenuItems which allow the user to save or open a hyperlink file, to save or open a Notes file or to display note Name (??? not sure this is used it contains two method calls  ReadNotesIntoSelectNoteListBox();  PopulateNoteListBox() NOTE: Check to see if these are needed) |
| [miSaveHyperlink](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#miSaveHyperlink) | Sub-MenuItem | Adds the current Hyperlink file Name to the list of hypwerlinks for this node. The file is in the Subject’s Hyerlink folder and is named from the DataNode’s ID |
| [miSaveNote](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#miSaveNote) | Sub-MenuItem | Adds the current note file to the ReferenceFolder’s NoteReferenceFiles folder. The name is generated using a Base26 Alpha number reflecting its number of created files at the time it is added |
| [miOpenHyperLink](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#miOpenHyperLink) | Sub-MenuItem | NOTE: Check to see if this is needed??? |
| [miShowNote](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#miShowNote) | Sub-MenuItem | NOTE: Check to see if this is needed??? |
| [miDisplayNoteNames](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#miDisplayNoteNames) | Sub-MenuItem | NOTE: Check to see if this is needed??? |
| [miResetPage](#miResetPage) | MenuItem | Clears all of the fields on the Link\_Notes Control window |
| [miCreateNewHyperlinkInstructions](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#miCreateNewHyperlinkInstructions) | MenuItem | NOT ACTIVATED |
| [cmbxFileType](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#cmbxFileType) | ComboBox | Contains various ComboboxItem which will apply to whatever type of file or application has been opened Word, Text, Web, Excel, Image, Sound, Video, Paint |
| [tbxLinkName](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#tbxLinkName) | TextBox | The user enters the name of the hyperlink or Note file here |
| [tbxBookMark](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#tbxBookMark) | TextBox | The user enters the name of the hyperlink which will be written to the system’s Clipboard so that when a Word document is opened, this value can be entered into the Bookmark field |
| [tbxHyperlink](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#tbxHyperlink) | TextBox | The URL of anyopened Hperlink or Note files will be place here by the program after the user has opened it. |
| [lblKeyWordsAction](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#lblKeyWordsAction) | Label | Shows “Add Key Words to a New Note Reference” in front of the Text Box where the user will enter any key words |
| [rbtAdd](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#rbtAdd) | RadioButton | Shows “Add” when checked any new or old key word entered into the tbxInput (see below) will be added to the list of Key words or #Comments showing in the tbxAllKeyWords TextBox (see below) |
| [rbtSearch\_Click](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#rbtSearch_Click) | RadioButton | Allows the user to enter only existing KeyWords to determine if there are NoteFiles which reference this KeyWord |
| [rbtEdit](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#rbtEdit) | RadioButton | NOTE: !!! I’m not sure what this method is for |
| [tbxInput](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#tbxInput) | TextBox | The user enters either a new KeyWord or the front substing of an existing Key word, or a #Comment. Comments are not stored in the list of KeyWords or the KeyWord dictionary but they are stored in the Note file in the References folder and will show in the tbxDisplayKeyWords TextBox (see Below) |
| [lbxKeyWords](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#lbxKeyWords) | ListBox | All KeyWords whose opening sub-string matches the characters typed into the [tbxInput](file:///D:\Users\Owner\OneDrive\Documents\2021CSharpProjects\Dated%20Backup%20Files%20for%20NewLSP\_Maps%20and%20Links\Map%20of%20NewSLP%20UserControls%20and%20Main.docx#tbxInput) TextBox will show here. The user can either select one of the KeyWords shown here with mouse, of if the user hits the Enter Key -> the the 0th word in the list is selected. The selected word will be added to the tbxAllKeyWords TextBox (see below) |
| [btnRevert](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#btnRevert) | Button | NOTE: This button and it method are no longer needed |
| [tbxAllKeyWords](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#tbxAllKeyWords) | TextBox | This method is called whenever the text in the tbxAllKeyWords is changed if the user in not in the Search mode then the program returns. It either adds a new NoteReference file name to the KeyWord in the KeyWord dictionary or it adds a new KeyWord with a new NoteReference file name. #Comments are ignored |
| [lbxLinks](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#lbxLinks) | ListBox | This ListBox will hold all Hyperlink files that are noted in the DataNode’s hyperlink file. |
| [tbxDisplayKeyWords](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#tbxDisplayKeyWords) | TextBox | This TextBox displays all of the KeyWords and #Comments associate with a NoteFile selected when the user Right Clicks the desired NoteName in the lbxOpenSelectedNote ListBox (See Below) |
| [lbxOpenSelectedNote](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#lbxOpenSelectedNote) | ListBox | Displays the names of all of the References NoteFiles that have the KeyWord which the user typed into the tbxInput TextBox when the Search RadioButton is checked |
| **TestReview Controls** | | |
| Result/Edits | MenuItem | Has one sub-<MenoItem to save the current list of questions and answers and any associated image or mp3 hyperlinks to the DataNode’s QAFile |
| [SaveFile](Map%20of%20NewSLP%20UserControls%20and%20Main.docx" \l "SaveFile) | Sub-MenuItem | Save the results of taking a Test on a QAFile to the DataNode’s QAResults file |
| [Test](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#Test) | Sub-MenuItem | Allows the user to take a test and to save the results of taking it, including the datatime taken, the % correct and a list of questions answered incorrectly to the DataNode’s QAResults file |
| Question Order | MenuItem | Has two submenu items allowing the user to choose the order in which the question will be asked as below |
| [miSeriatim](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#miSeriatim) | SubMenuItem | Presents the questions in the order in which the creator entered them in the first place |
| [miRandom](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#miRandom) | SubMenuItem | Presents the questions in a computer generated random order |
| Instructions | MenuItem |  |
| [UseForm](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#UseForm) | SubMenuItem | NOTE: Not Used |
| [TitleText](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#TitleText) | TextBlock | Contains the name of the subject on which a test or review is being taken |
| [tblkCurrentQANum](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#tblkCurrentQANum) | TextBlock | Contains the number of the current Question/Answer pair. As new questions are added this number will be increased sequentially by the program, in a test or review the number order depends on whether the user has chosen Seriatim or Randon in the Question Order MenuItem |
| [tbxQuestion](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#tbxQuestionTestReview) (Test/Review) | TextBox | The User enters a Question here |
| [tbxYourAnswer](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#tbxYourAnswer) | TextBox | The User types his answer to the question here |
| [btnOpenImage](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#btnOpenImage) | Button | Initially inactive, but if either the question or the correct answer has as associated image it will be activated so that the user can open that image |
| [btnOpenMp3](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#btnOpenMp3) | Button | Initially inactive, but if either the question or the correct answer has as associated sound file it will be activated so that the user can open that sound file |
| [btnShowCorrect](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#btnShowCorrect) | Button | When clicked the correct answer, as contained in the Answer portion of the QAFile line for that QA pair will appear in the tbxCorrectAnswer TextBox |
| [btnScoreCorrect](Map%20of%20NewSLP%20UserControls%20and%20Main.docx" \l "btnScoreCorrect) | Button | When the user adjudges that his answer is correct he click this button. It the user is in the Review mode, then this question is removed from the List of questions |
| [btnScoreWrong](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#btnScoreWrong) | Button | When the user adjudges that his answer is wrong he click this button. It the user is in the Review mode, then this question is removed from the top of the List of questions and added to the bottom.It will only be removed after it is correctly answered |
| [btnSaveEdits](Map%20of%20NewSLP%20UserControls%20and%20Main.docx#btnSaveEdits) | Button | If the user has edited either the question or answer or has added a new image or sound file the line in the DataNode’s QA file will be updated with these changes |
| [tbxCorrectAnswer](Map%20of%20NewSLP%20UserControls%20and%20Main.docx" \l "tbxCorrectAnswer) | TextBox | When the user clicks the Show Correct Answer, the original answer will appear here |