Logic for designating a new DataNode during program execution

1. What happens when a DataNode is designated

a. the SubjectTree.xaml.cs (STxc)’s rbDataNode\_Click( is called

b. the SubjectStaticMembers (SSM) .DataNode = SelectedNode; is called

c. the SSM .SetDataNodesQAFilePath();is called, which then which tens sets the

DataNodesQAFilePath to the QAFiles folder's DataNode's ID.txt file

d. When the user click the QAPage Menu item on the MainWindow x the

Called when the user clicks the QAPages tab. If there is not data node a message is shown and control returns Else SetActiveUserContro is called to open the ucCreateEditQA control and a message to choose the edit Mode before proceeding is shown

e. If there is no QAFile the QAStaticMembers (QASM).CreateNewQAFile() is called

f. it then Check to insure that the file doesn't exist and then create it Called by

CreateEditQA.xaml.cs NewFile\_Click(it 1: Sets the dataNodesQAFilePath and then passes that to the File.Create procedure in system.IO

g. The CEQAxc the creates a new QADataModelObject = new QADataModel();

h. It this sets the int CurrentQANumberInt = QAStaticMembers.CurrentQANumberInt;

which gets and sets the Current QANumber integer

i. If the User clicks the Links-Notes Page then the MWxc’s miLinkNotes\_Click method is

called **AND**

j. Then bool HasHyperlink = false; and bool HasNotes = false; are set

k. The SetActiveUserControl is called to open the ucLinkNote

1) If the DataNode is NOT null then string DataNodesHyperlinkPath is set to

the Hyperlinks folder’s DataNodeID’s/txt file

2) It then tests to see a hyperlink file exists and then

a) Sets HasHyperlink = true; and

b) Calls LinkNoteStaticMembers.SetHyperlinkStringsList(); which is a delimited string

containing the elements of a hyperlink object to the list<string></string> HyperlinkStringsList Called by LinkNote.xaml.cs miSaveHyperlink\_Click

c) It then splits the HypedrlinkStringsList int its components and uses them to to

create the HyperlinkDictionary

2. Tasks to do when initializing a new DataNode

* set the SubjectStaticMembers (SSM) .DataNode
* blank the dataNodesQAFilePath
* sets the int CurrentQANumberInt and QAStaticMembers.CurrentQANumberInt to 0
* Then bool HasHyperlink = false; and bool HasNotes
* Set the bool HasHyperlink = false; and bool HasNotes =false
* Set the DataNodesHyperlinkPath to “”
* set DataNodesHyperlinkPath = false
* Clear LinkNoteStaticMembers.SetHyperlinkStringsList();
* Clear HyperlinkDictionary