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| Logic of Addition |
| lead spacer = “”;  ChildrenIndicator = “- ” ;  Title = “Root”;  Name = “”;  ID=0;  Number of Children = 0 |
| lead = “ ”;  CI = “- ” ;  Title = “S0”;  Name = “0”;  ID=1;  NOC = 0  lead = “”;  CI = “+ ” ;  Title = “Root”;  Name = “”;  ID=0;  NOC = 1 |
| lead = “”;  CI = “+ ” ;  Title = “Root”;  Name = “”;  ID=0;  NOC = 1  lead = “ ”;  CI = “- ” ;  Title = “S0”;  Name = “0”;  ID=1;  NOC = 1  lead = “ ”;  CI = “- ” ;  Title = “S00”;  Name = “00”;  ID=2;  NOC = 0 |
| lead = “ ”;  CI = “- ” ;  Title = “S01”;  Name = “01”;  ID=3;  NOC = 0  lead = “ ”;  CI = “- ” ;  Title = “S0”;  Name = “0”;  ID=1;  NOC = 2 |
| lead = “ ”;  CI = “- ” ;  Title = “S010”;  Name = “010”;  ID=4;  NOC = 0 |
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Organization of the home page.

conceptually this can be divided into tasks related to the List of Subjects and other tasks.

A. tasks related to the List of subjects nodes include:

1. Creation of new child nodes
2. Texting/re-Texting a node
3. Marking a Terminal node
4. deleting a node
5. expanding or collapsing the view of the nodes and its child subjects
6. Selecting a node for further actions

B. Other tasks include:

1. A Menu Bar
   1. File Opening/saving the data folder and files
      1. Open data Files
      2. Save Data Files
   2. Data Pages for Selected Node
      1. Create QA Page
      2. Take Test Page
      3. Create study Page
      4. View test results Page
   3. An Information menu
2. A Status Label
3. A TextBox

Controls related to A.

1. A Label and TextBox to receive the Text/re-Text of a node (should be cleared after the text is assigned)
2. Buttons(? radio buttons contained in a stack panel)
   1. Add child to selected parent (needs text in the text box and a node selected)
   2. Change Text (needs text in the text box and a node selected)
   3. Make Terminal
   4. Delete node and its children (not possible if the node already has datafiles associated with it – HasData property boolean = true)
   5. Expand/Collapse
   6. Open Data Page