

NavigationPane.java

```
1 package project;
2
3 import java.awt.Color;
11
12 /* This is one of the User Interface component , This is displayed as Navigation
   Pane in the User Interfcae
13 * This is one of the constituent part of the View Component(Main User Interface)
14 * This display all the main Buttons to facilitate users to interact with the User
   Interface */
15
16 @SuppressWarnings("serial")
17 public class NavigationPane extends JPanel {
18     GridBagConstraints gc;
19     /* This contains all the buttons names to be displayed for the Admin/Analyst
   user*/
20     String[] buttonNames={"Home","Batch Upload","Show All Participants","Show Top5
   Participants"}
23     /* This contains all the buttons names to be displayed for the Reader or
   Researcher user*/
24     String[] buttonNamesReader={"Home","Show All Participants","Show Top5
   Participants"}
26     /* This contains all the buttons names to be displayed for the
   Participant/Guest user*/
27     String[] buttonNamesAuthor={"Home","Show All Participants","Add New
   Participant","Remove Participant"};
28
29     Hashtable<String,JButton> buttons=new Hashtable<String,JButton>();
30     String acl;
31     /*acl is the user's access control list, it decides who sees what buttons */
32     public NavigationPane(String acl ){
42
43     /* This will render all the buttons */
44     public void createGUI(){
76
77     /* Getters and Setters */
78     public String[] getButtonNames() {
81
82     public void setButtonNames(String[] buttonNames) {
85
86     public Hashtable<String, JButton> getButtons() {
89
90     public void setButtons(Hashtable<String, JButton> buttons) {
93     /* End of Getters and Setters */
94
95     /* This allow the other components to register their Handlers(or Listeners)
   with the Navigation Pane
96     * Any button click on the Navigation Pane trigger this registerd handlers to
   respond */
97     public void addActionListener(ActionListener listner){
102 }
103
```