

SearchPane.java

```
1 package project;
2
3 import java.awt.Color;
4
5
6
7
8 /* This is one of the User Interface component , This is displayed as Search Pane
   in the User Interfcae
9  * This is one of the constituent part of the View Component(Main User Interface)
10 * GenericForm is embedded into this component to enable the search box
   functionality */
11 public class SearchPane extends JPanel {
12
13     private static final long serialVersionUID = 1L;
14     private GenericForm form; //This is the search form,
   will be embedded
15
16     public SearchPane(GenericForm form,String acl){
17         super();
18         this.form=form;
19         setBorder(new CustomBorder(2,Color.blue)); // Set the border of the
   Search Pane
20         setBackground(new Color(225,232,237)); // Set the Background color of the
   Search Pane
21         /* For users with Author access, Do not display the search form */
22         if (!acl.equalsIgnoreCase("Author")) add(form);
23     }
24
25     /* This allow the other components to register their Handlers(or Listeners) with
   the embedded Search Form
26     * Any button click on the search form trigger this registered handlers to
   respond */
27     public void addFormSaveListner(FormSaveListener listener){
28         if (form!=null) form.addFormSaveListener(listener);
29     }
30
31 }
32
```