```
                                                    Back
  User                                    ┌─────────────┐ ◄──────────── ┌─────────────┐
  List                                    │             │               │             │
                                          │ Album List  │               │             │
  logout      is                  Logout  │             │   Search By   │  Search By  │
              admin    ◄──────────────────│             │──────────────►│             │
           ┌────────┐                     └─────────────┘               │             │
           │        │        is user                                    │             │
           │ Login  │──────────────────►                                └─────────────┘
           │        │
           └────────┘

                                    Back        Select                    Add Album
                                                Album

                        Select
                        Photo
  ┌──────────┐  ◄──────────────────  ┌─────────────┐  ◄──────────────
  │ Photo    │                       │ Album Photo │
  │ Details  │────────────────────►  │ List        │
  └──────────┘        Back           └─────────────┘
```

JText
Field

JLabel
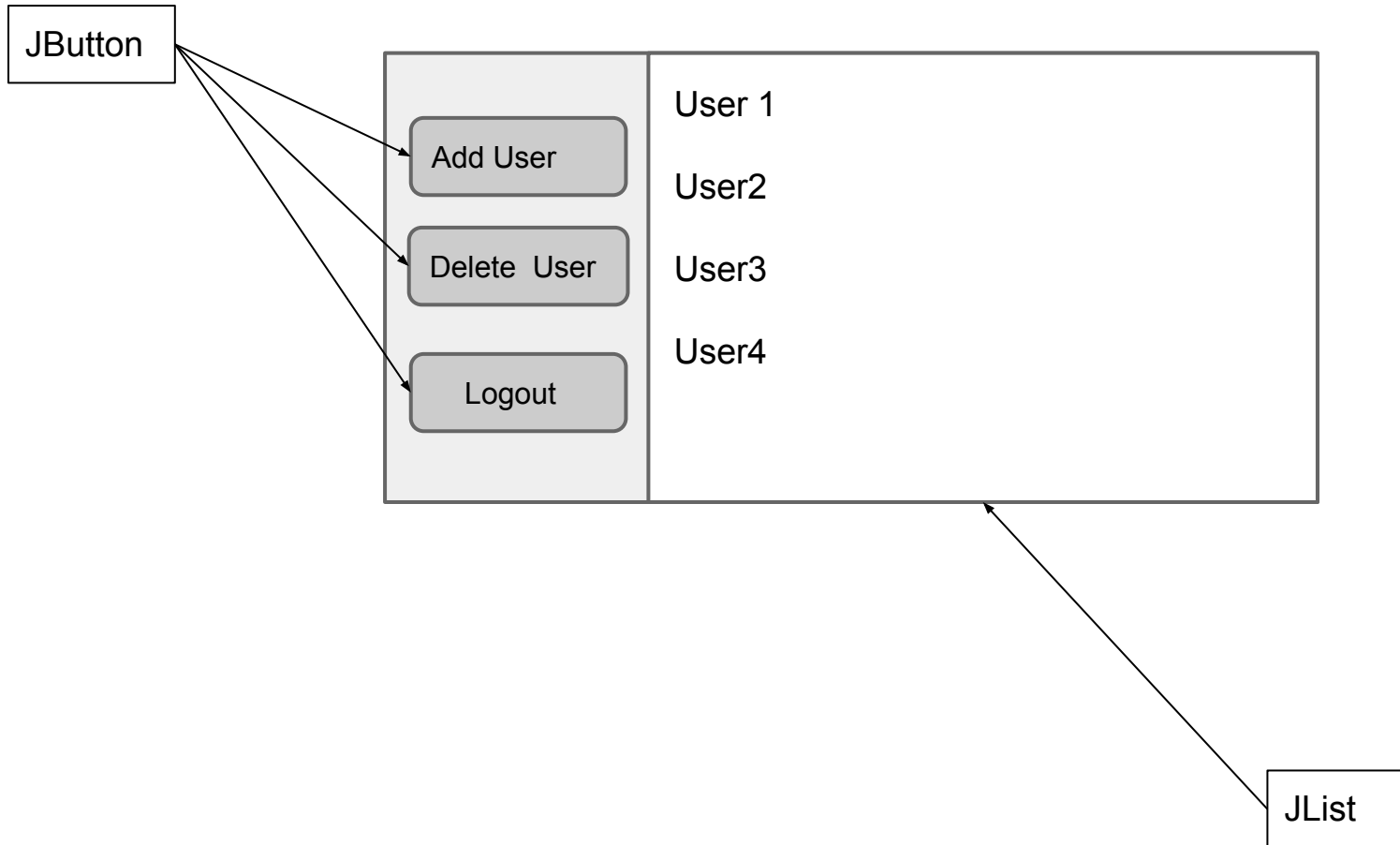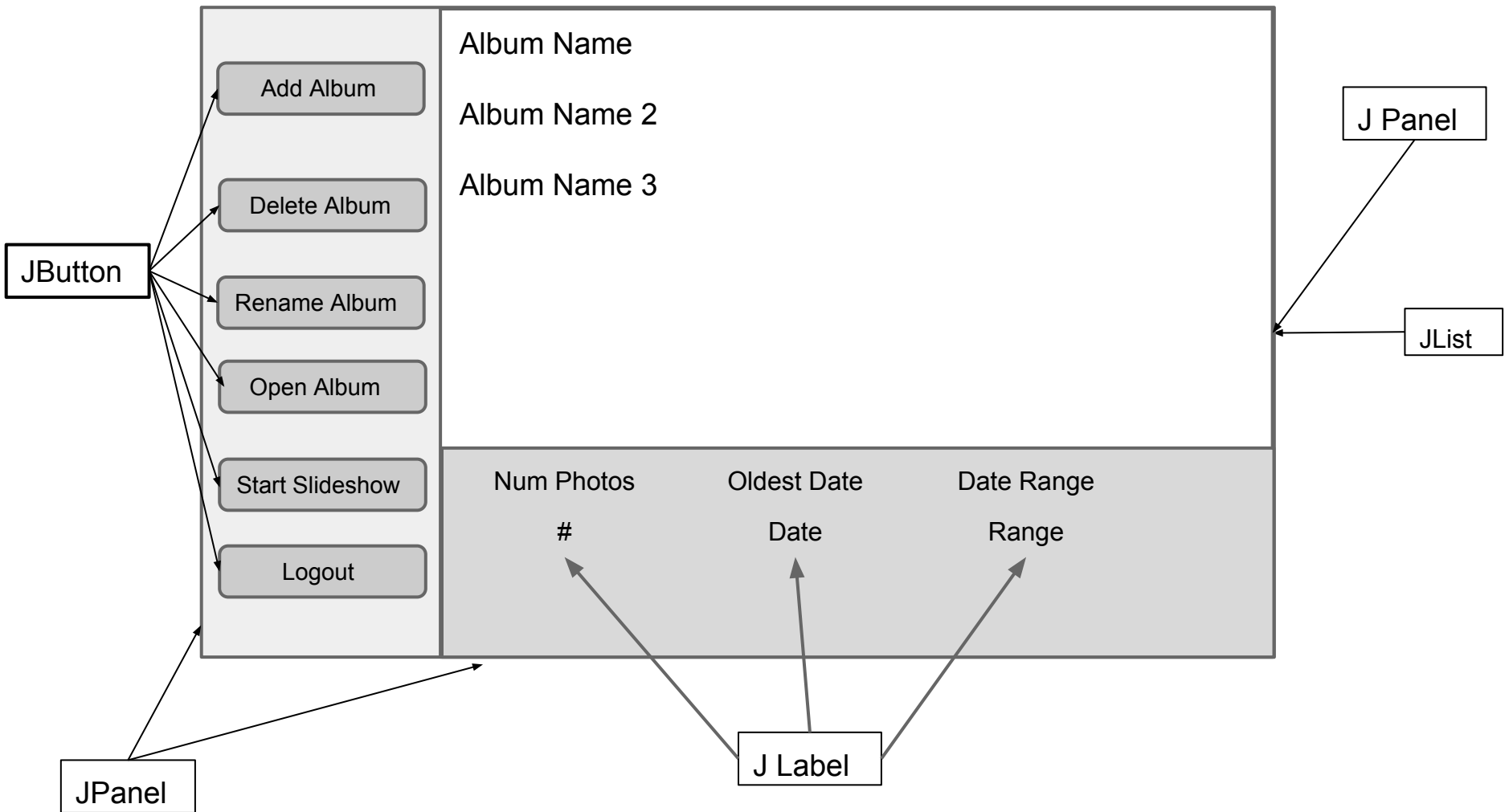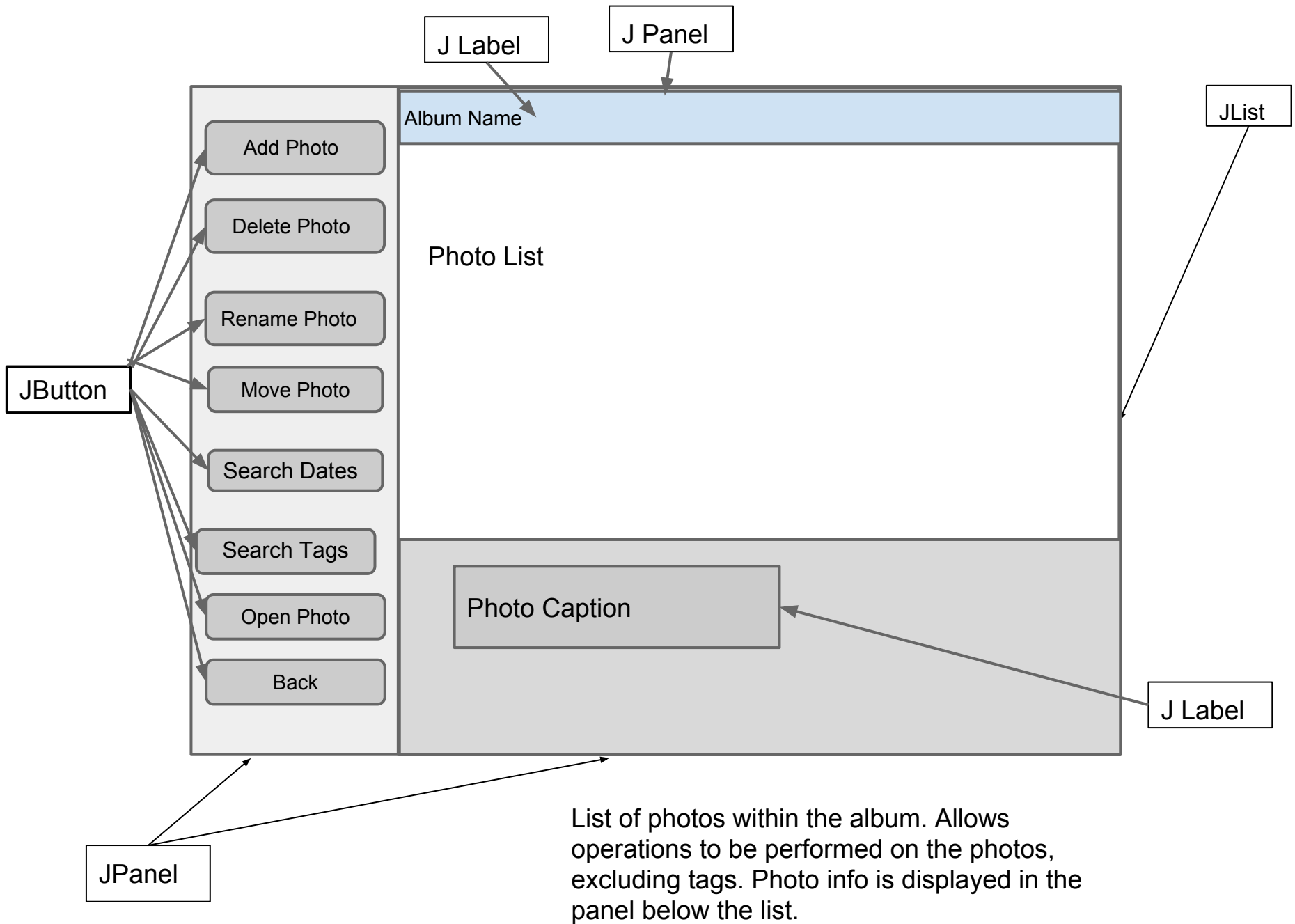
User Name:

Login

JButton

When the user Starts up the program they
are first greeted by a login screen. Once
the User enters their username, they must
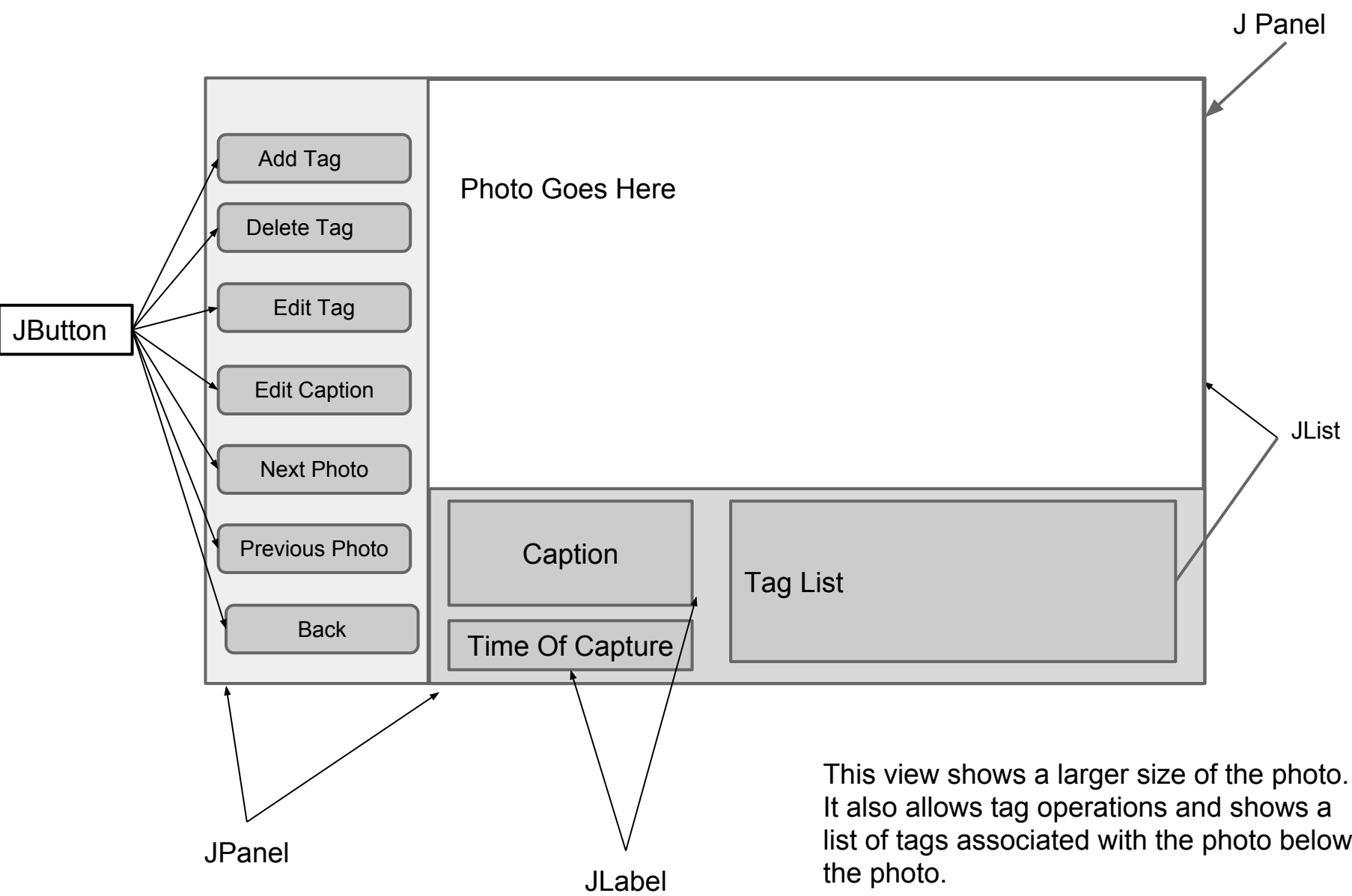hit the login button to move on

JButton

Add User

Delete User

Logout

User 1

User2

User3

User4

JList

If a user logs in as admin, they are brought to
this window, which lists all users, and has
functionality to add and remove users.

Add Album

Delete Album

Rename Album

Open Album

Start Slideshow

Logout

JButton

Album Name

Album Name 2

Album Name 3

J Panel

JList

Num Photos   Oldest Date   Date Range

Date   Range

J Label

JPanel

List of users all albums, and allows them to perform various functions regarding the list.. Album information such as the number of photos is displayed in the panel below the list
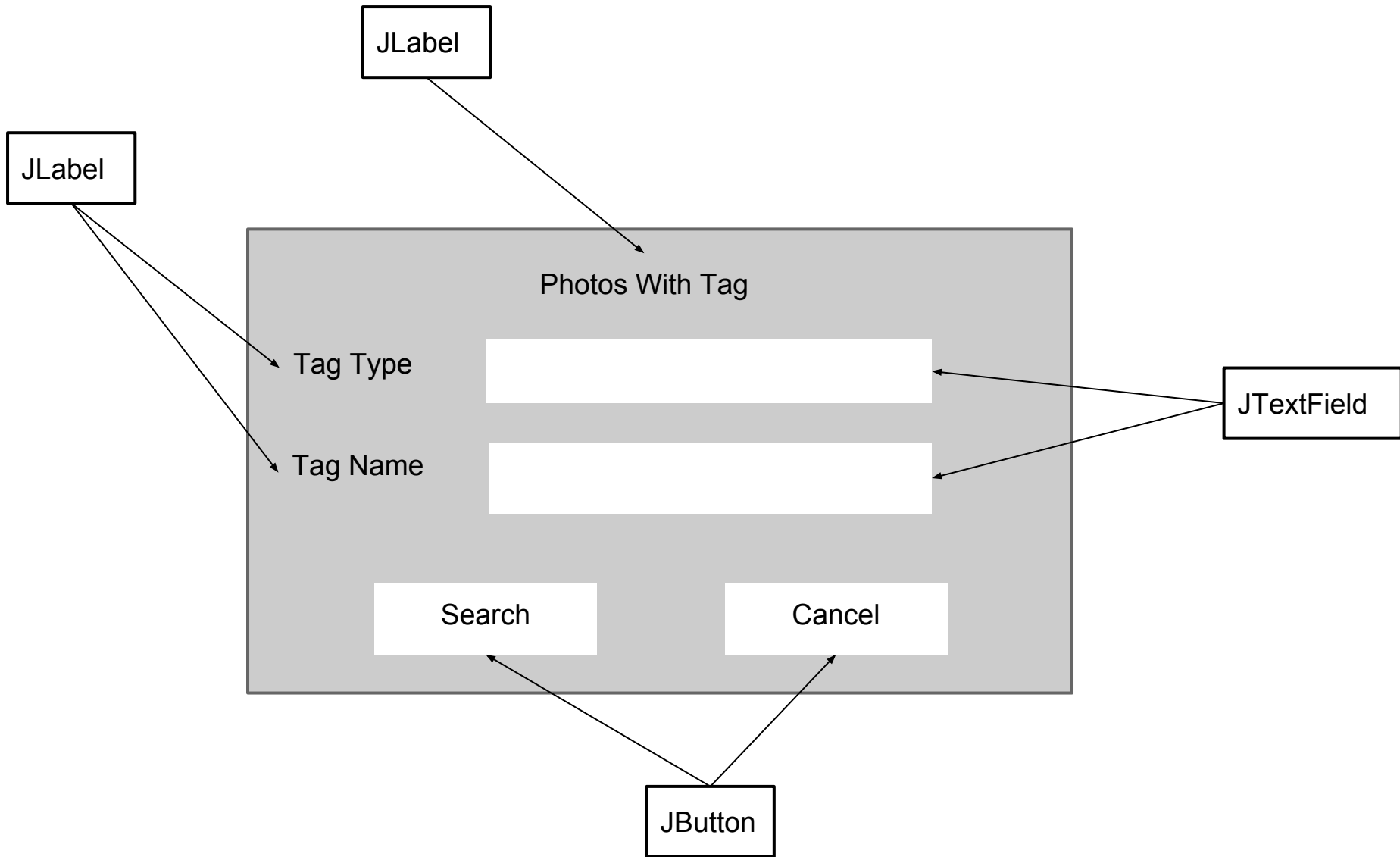
J Label

J Panel

JList

Album Name

Add Photo

Delete Photo

Photo List

Rename Photo

JButton

Move Photo

Search Dates

Search Tags

Open Photo

Photo Caption

Back

J Label

JPanel

List of photos within the album. Allows operations to be performed on the photos, excluding tags. Photo info is displayed in the panel below the list.

J Panel

Add Tag

Delete Tag

Edit Tag

JButton

Edit Caption

Next Photo

Previous Photo

Back

Photo Goes Here

JList

Caption

Tag List

Time Of Capture

JPanel

JLabel

This view shows a larger size of the photo. It also allows tag operations and shows a list of tags associated with the photo below the photo.

JLabel

JLabel

Photos In Range

Start Range

End Range

JTextField

Search   Cancel
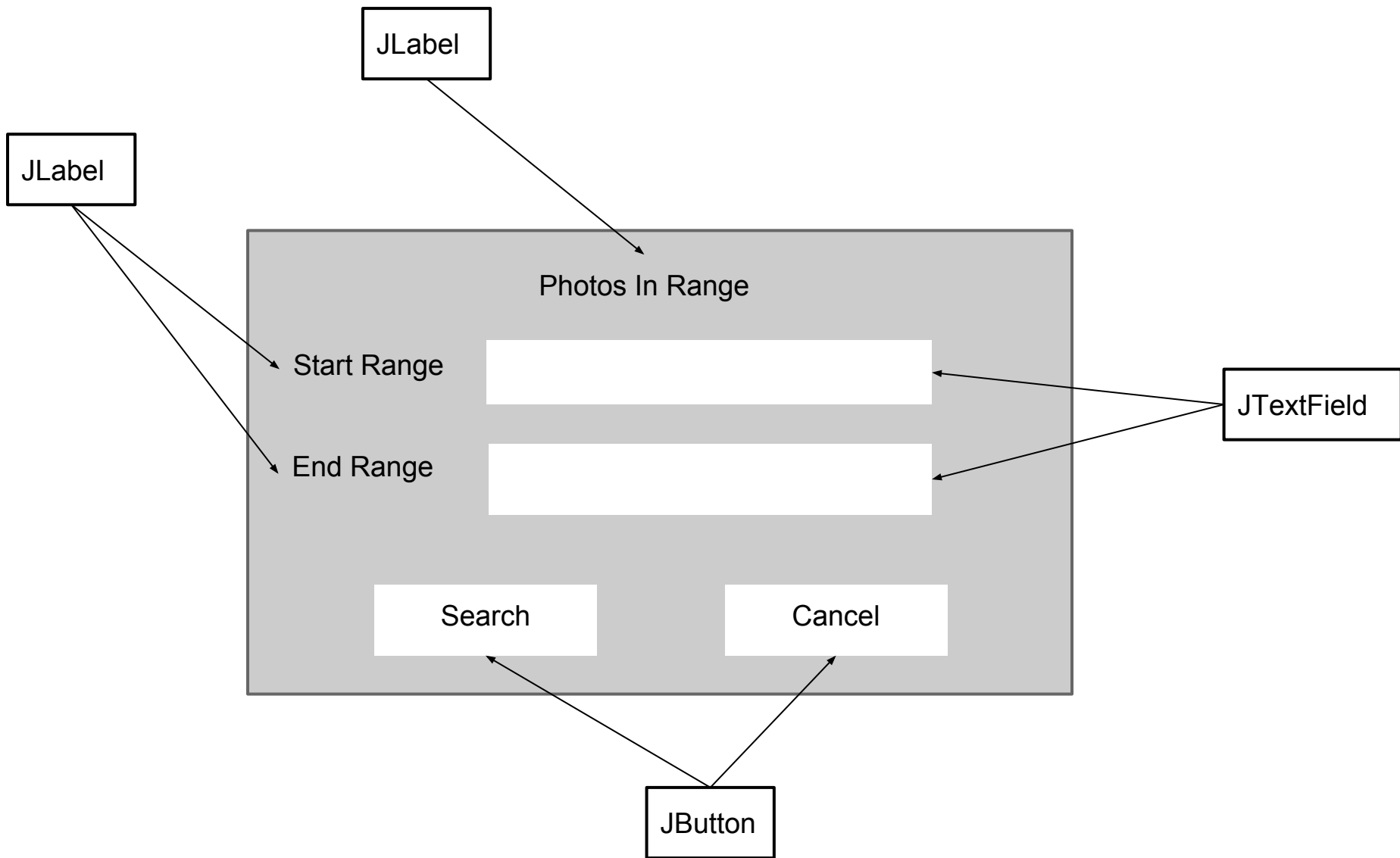
JButton

Dialogue for searching for photos within a range of dates

JLabel

JLabel

Photos With Tag

Tag Type

Tag Name

JTextField

Search

Cancel

JButton

Dialogue for searching for photos with tag type and tag name provided

JLabel

JLabel

Add User/Album

User/Album Name

User/Album Name

Add

Cancel
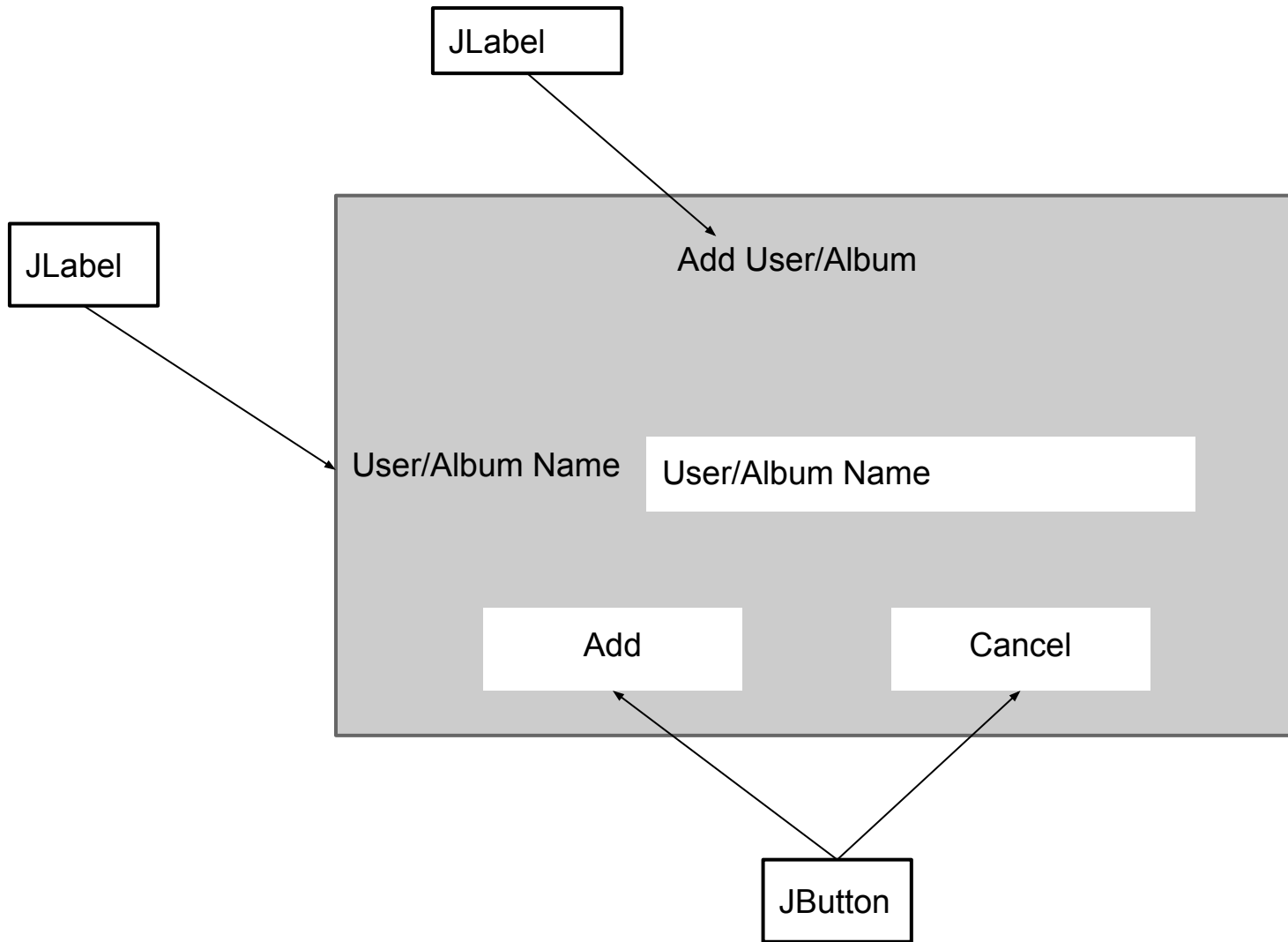
JButton

When a user clicks the add album/add user
button this window dialog will pop up.

JLabel

JLabel

Add Photo

Photo Name

Photo Name

Photo Caption

Photo Caption

JTextField

Add

Cancel
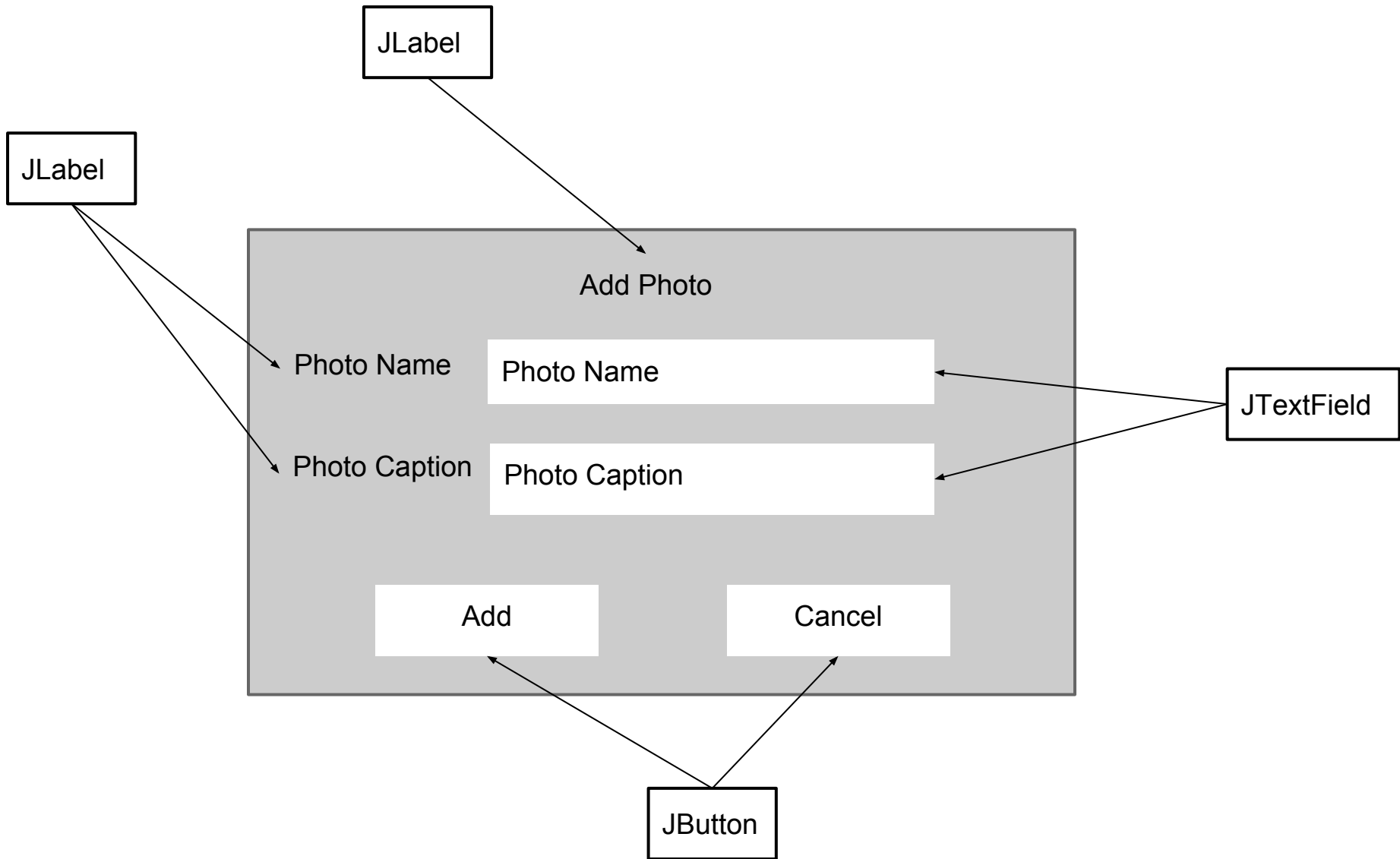
JButton

Dialogue for adding photos

JLabel

JLabel

Edit Photo

Photo Name

Current Photo Name

JTextField

Photo Caption

Current Caption

Add

Cancel
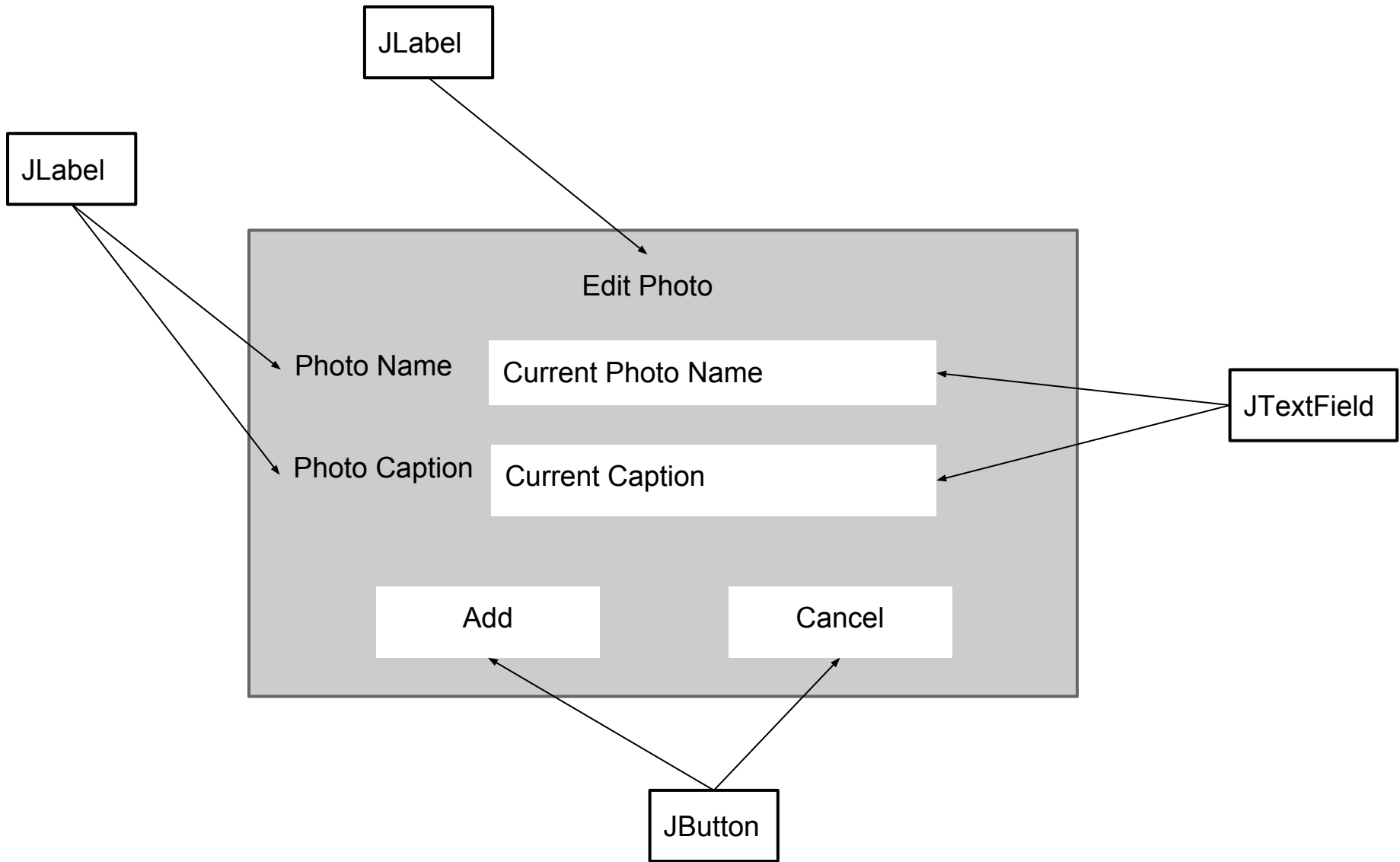
JButton

Dialogue for Editing photos

JLabel

JLabel

Add Tag

Tag Type

Tag Name

JTextField

Add

Cancel
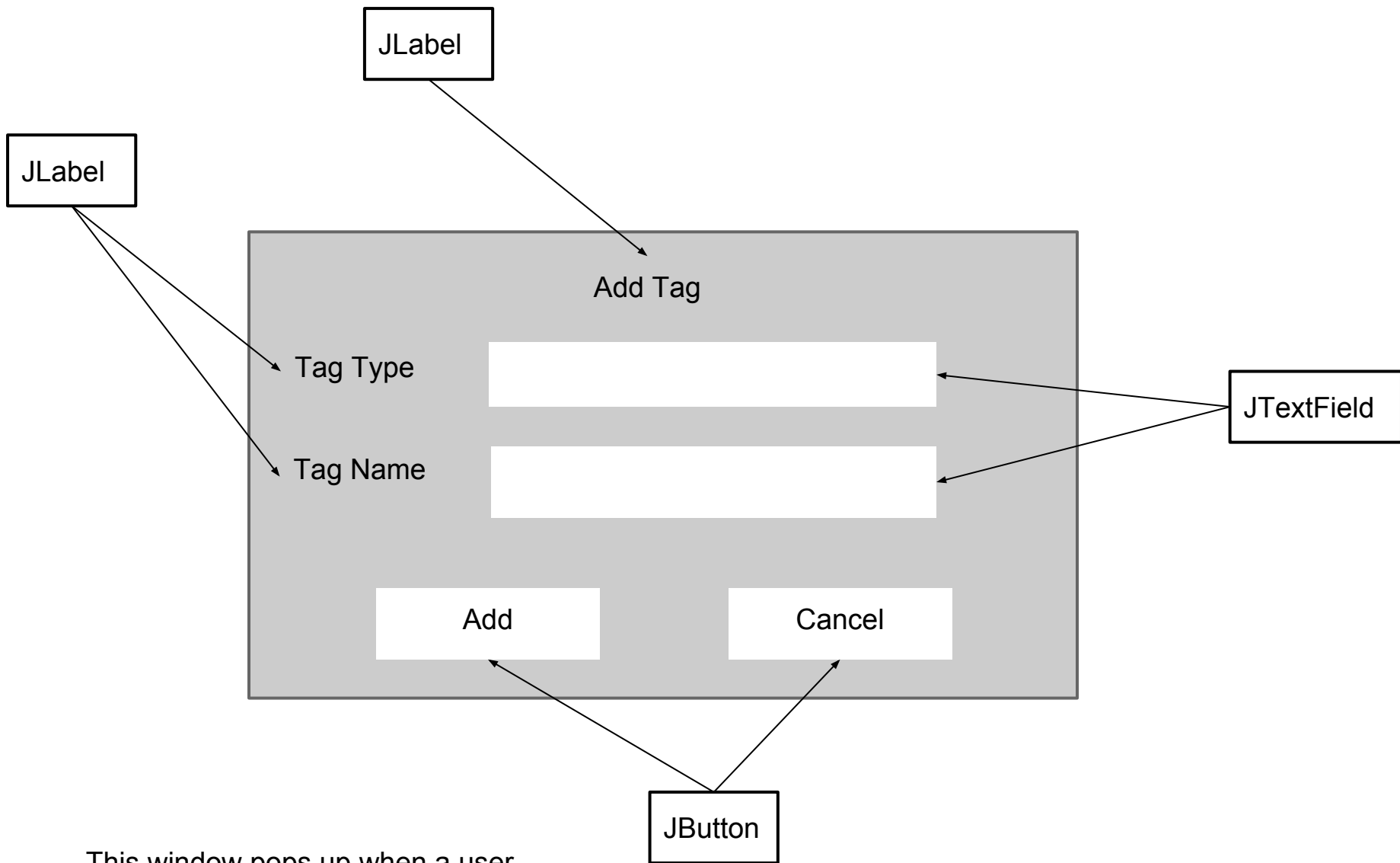
JButton

This window pops up when a user
clicks the Add Tag button.

JLabel

JLabel

Edit Tag

Tag Type

Tag Name

JTextField

Add

Cancel
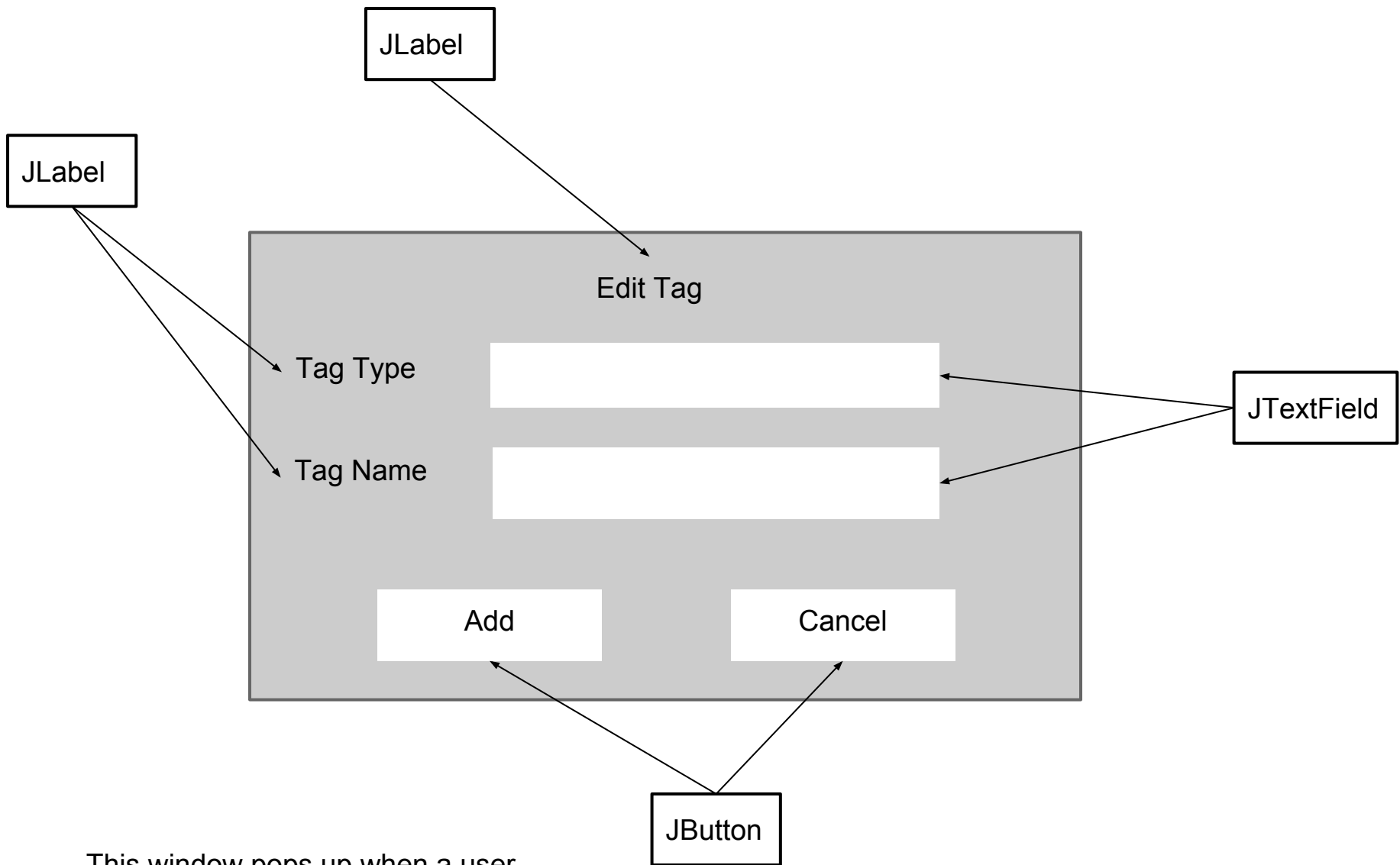
JButton

This window pops up when a user
clicks the Edit Tag button.

JLabel

Error Processing Request - Please make
sure you are entering valid data

OK

JButton
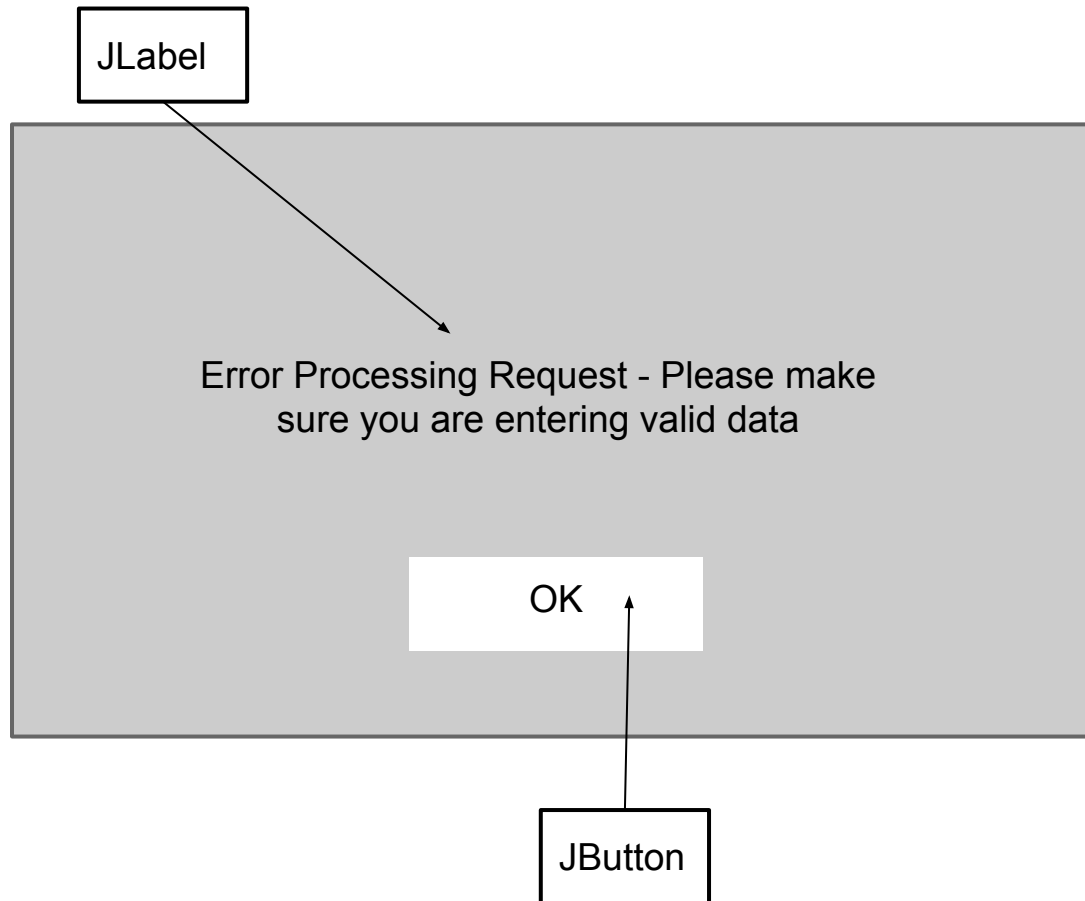
Generic Error Message - For when a duplicate photo,
album, or user is entered or the form is not complete.

JLabel

Photo Name   Album Name

Results   Result Album

JList

Open Photo   Save As Album   Back

JButton
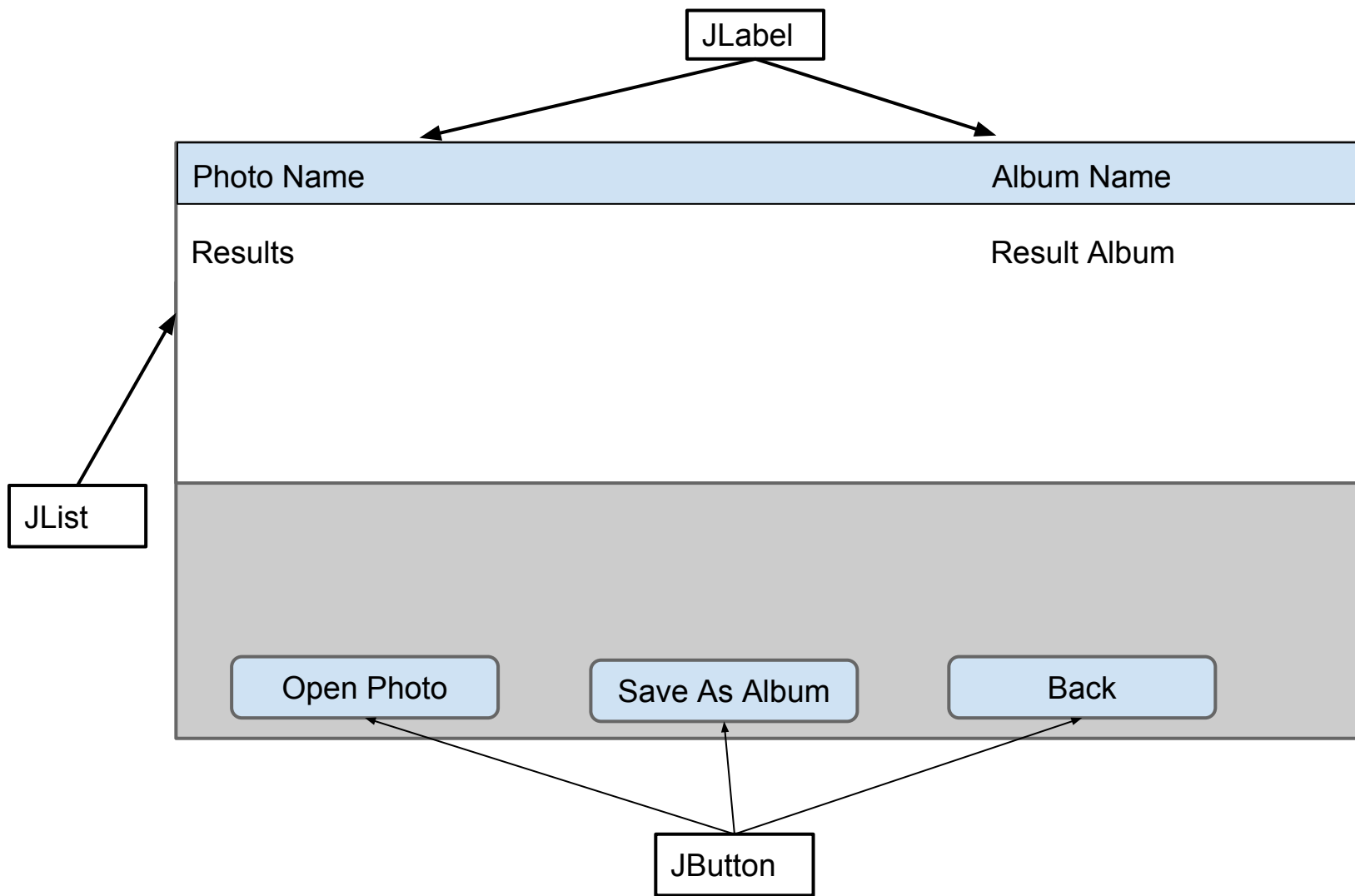
When a User searches by date range/tag type-value pairs,
this window pops up with their results. They then have the
option to open the selected photo, save the results as an
album, which will bring up the add album dialog, or to return.