

Photos04 Storyboard

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Overview

The upcoming slide will present a flowchart style diagram that will provide an overview of the primary screens in the application.

Furthermore, it will provide insight into the commands, buttons, and decisions that the user and program must make to access other screens.

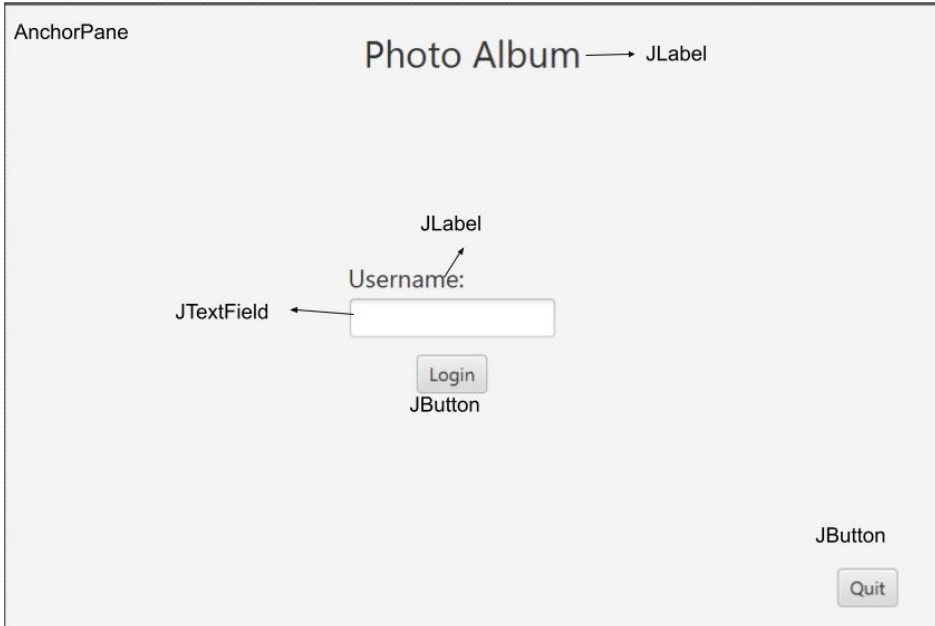
The goal is to show the logic and transitions within the application.

Subsequent presentation provide comprehensive information regarding each screen and pop-up dialogue present in the application.

Included in each presentation is:

- a preview of the screen design
- Information regarding JavaFX tools used
- Purpose of each element on the screen

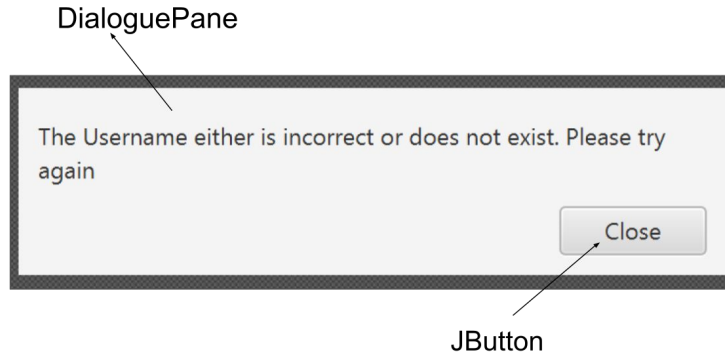
Login Page



Once the Photos application is launched. An `AnchorPane` is launched. The login page has 3 functions:

- 1) Username `JTextField` is set to empty. Here user will enter their username (admin or personal username)
- 2) Login `JButton` activates when clicked on by the user. If the username matches the word "admin", "stock", or an existing username, the user will be taken to their unique photo album
 - a) If username does not match a popup window will open to tell user they entered incorrect username
- 3) Quit `JButton` opens a pop up `DialogPane` to confirm command.

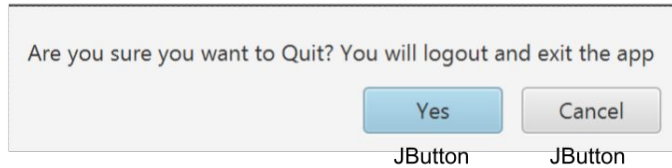
Username Error Pop up



If the Login button is clicked and the username entered does not match the word “admin”, “stock”, or a known username, a pop-up dialogue pane will appear. It will only disappear when the close JButton is clicked.

Quit Pop up

DialogPane



Dialogue Pane that is instantiated upon clicking the Quit JButton on any screen

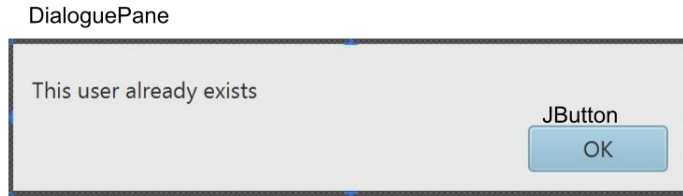
1. Yes JButton will save any new data, logout from the library, and close the application
2. Cancel JButton will return user back to the screen they were viewing
3. This pop-up dialogue will instantiate every time the quit button is clicked on any screen

Admin subsystem



1. Username List TableView shows list of users that have their own photo libraries
 - a. List elements can be clicked and their username will populate the JTextField
2. Username JTextField
 - a. Enter an existing or new user in text field
3. Create User JButton
 - a. If user is not in the list, button adds entered user to the list
 - b. If user is on list, pop up dialogue pane notifies admin that user already exists
4. Delete User JButton
 - a. If user is on the list, button deletes the user off the list
 - b. If user is not on the list, pop up dialogue pane notifies admin that user does not exist.

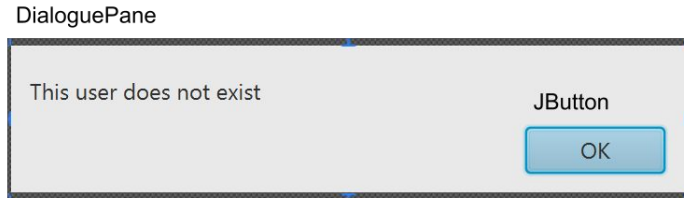
Create User Error pop up



Dialogue Pane that is instantiated if upon clicking Create User JButton in Admin system, system finds that the user already exists. Therefore it was already created

OK JButton closes the dialogue Pane

Delete User Error pop up

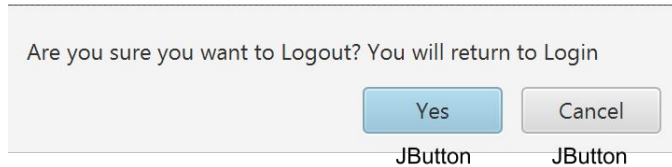


Dialogue Pane that is instantiated if upon clicking Delete User JButton in Admin system, system finds that the user does not exist. Therefore it cannot be deleted.

OK JButton closes the dialogue Pane

Logout pop up

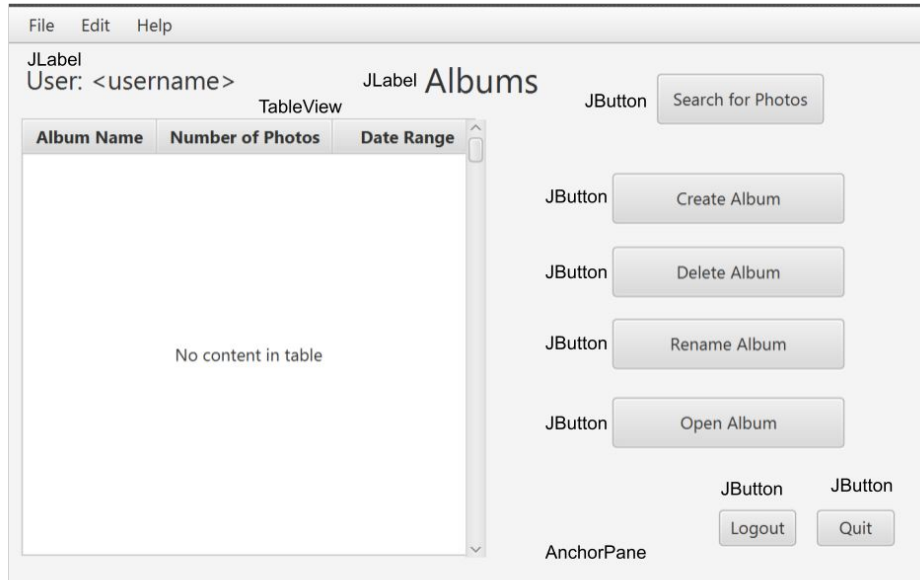
DialogPane



Dialogue Pane that is instantiated upon clicking the Logout JButton on any screen

1. Yes JButton will save any new data, logout from the library, and return to login screen
2. Cancel JButton will return user back to the screen they were viewing
3. The Logout popup will instantiate anytime the logout button is clicked on any screen

User System



- 1) To display the names, number of photos, and date range of the albums, we used TableView
- 2) When we click the 'Search for Photos' Button, a new window will appear allowing you to enter search parameters
- 3) The user can create a new album by clicking on the 'create album' button
- 4) An album can be renamed by clicking the 'Rename Album' Button
- 5) An album can be opened by clicking the 'Open Album' button
- 6) The 'Logout' button is used to logout and return to the login page
- 7) The 'Quit' button is used to quit the application

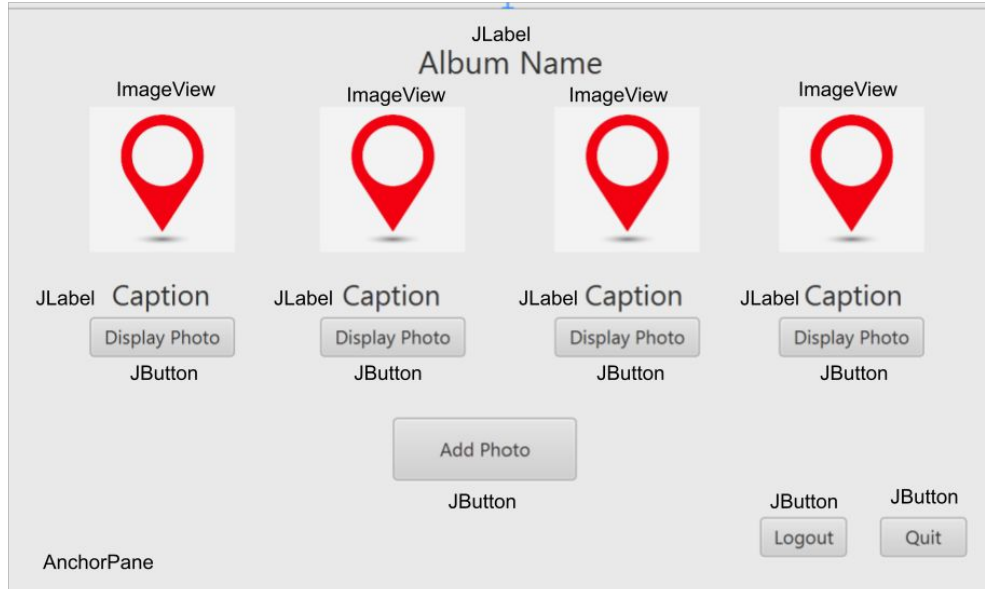
Search For Photos

The image shows a Java Swing window titled "Search". It contains three main panels for searching photos:

- Search By Tags:** This panel has a "JLabel Search By Tags" at the top. Below it is a "TextField" with the placeholder text "Tag". To the right of the text field is a "JButton" labeled "Search". Below this, there is a "JLabel And" between two "TextField" boxes, each with the placeholder text "Tag". To the right of the second text field is another "JButton" labeled "Search". Below that, there is a "JLabel Or" between two "TextField" boxes, each with the placeholder text "Tag". To the right of the second text field is a third "JButton" labeled "Search".
- Search By Date:** This panel has a "JLabel Search By Date" at the top. Below it is a "TextField" with the placeholder text "Enter Start Date". To the right of the text field is a "JLabel To". Below the "To" label is another "TextField" with the placeholder text "Enter End Date". To the right of the second text field is a "JButton" labeled "Search".
- AnchorPane:** This panel is located at the bottom right of the window. It contains two "JButton" labels: "Logout" and "Quit".

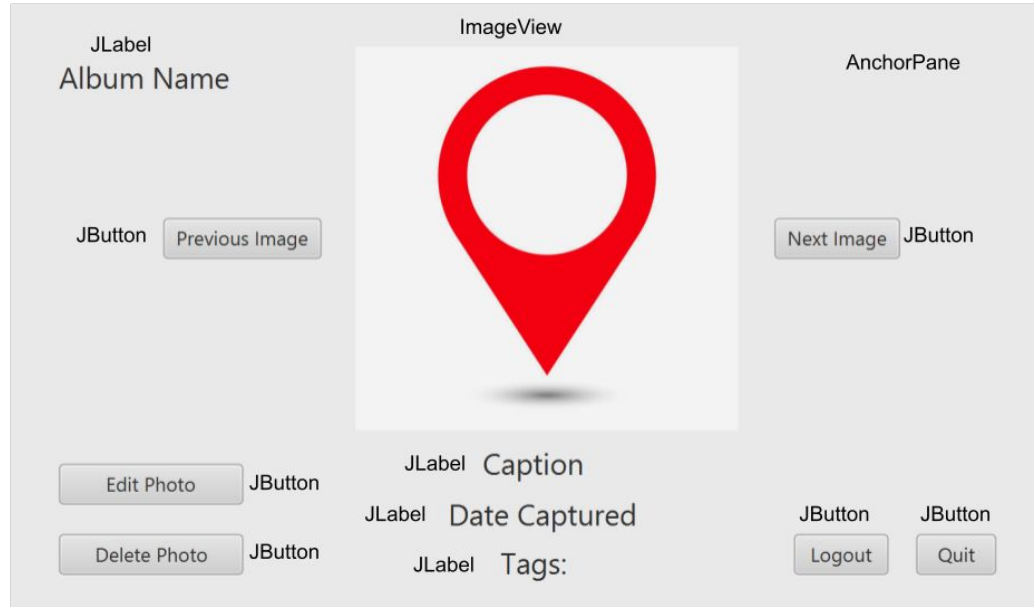
- 1) This is the page that will be seen when the user clicks the 'Search for Photos' button from the user system
- 2) The user will have the option to either search by date range or by tags
- 3) To search by date range the user will enter the start date and the end date for the range and click the 'Search' button which will display the result
- 4) If the user would like to search by tags, there are a few options. First, single tage can be used to search.
- 5) Next, the user can use conjunctive values to search
- 6) Lastly, the user can use disjunctive values to search
- 7) The user can logout by clicking the 'Logout' button
- 8) The user can quit the application by clicking the 'Quit' button

Open Album



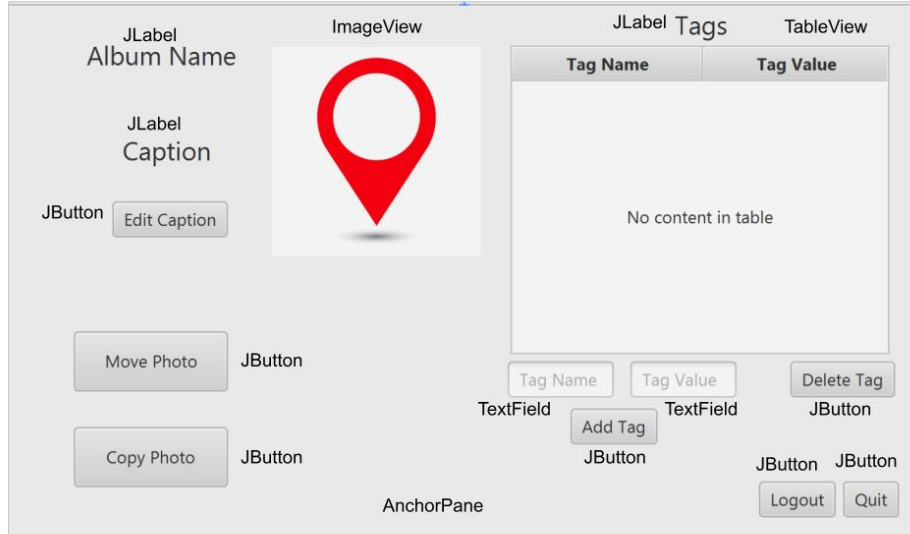
- 1) This is what the user will see when the album is opened
- 2) The image thumbnails and the captions will appear
- 3) To see more details about a photo or to edit, click on 'Display Photo'
- 4) The user can add an image to the album by clicking on the 'Add Photo' button
- 5) When 'Add Photo' is clicked, the file explorer will be opened and the user can select which photo they would like to add
- 6) A user can logout by clicking the 'logout' button
- 7) A user can quit the application by clicking on the 'quit' button

Photo Display



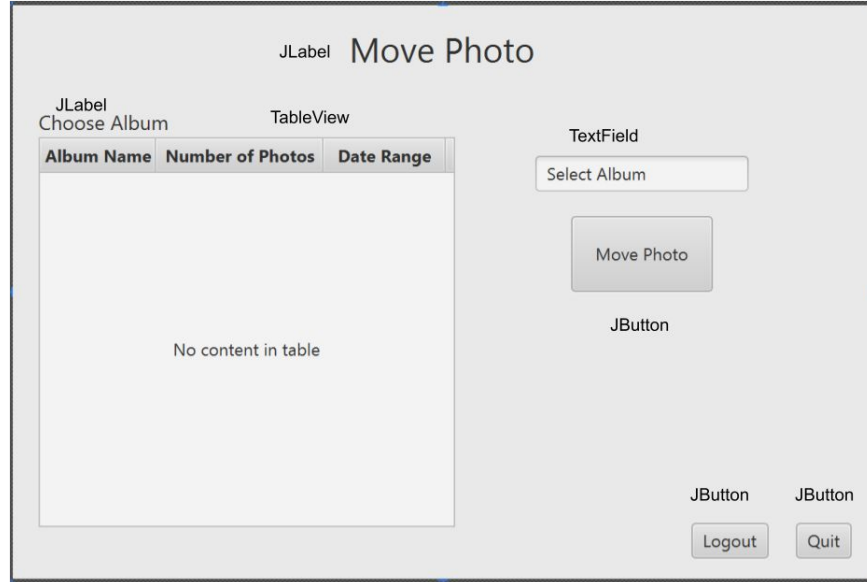
- 1) This is what is seen when an individual photo is displayed
- 2) The caption, date the image was captured, and the tags will be displayed
- 3) The photo can be edited by clicking the 'Edit Photo' button
- 4) The photo can be deleted by clicking the 'Delete Photo' button
- 5) The user can move back and forth between images by clicking either the 'Previous Image' or the 'Next Image Button'
- 6) The user can logout by clicking the 'Logout' button
- 7) The user can quit the application by clicking the 'Quit' button

Photo Options



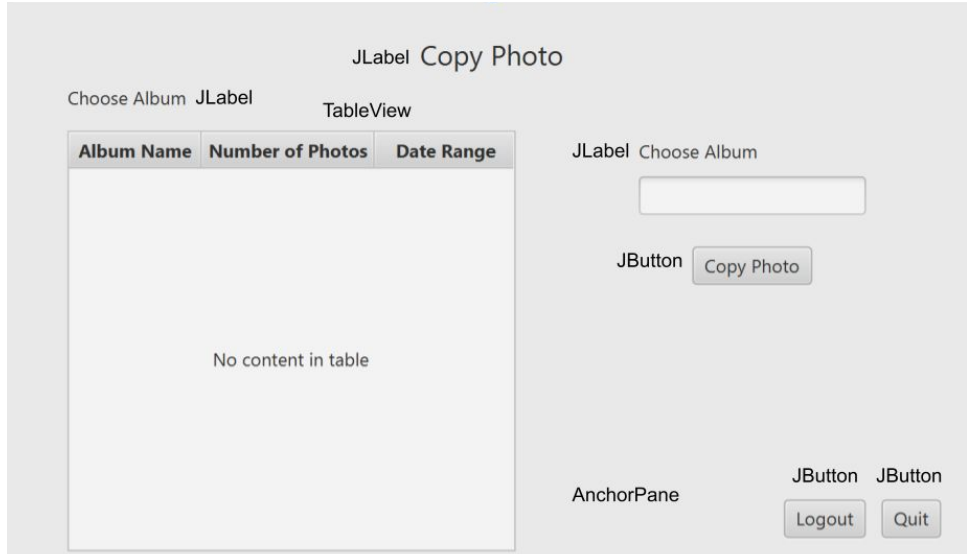
- 1) This is what the user will see after clicking the 'Edit Photo' Button on the Photo Display Page
- 2) The Caption can be added, edited, or deleted using the 'Edit Caption' button
- 3) An existing tag can be deleted by selecting it and clicking 'Delete Tag' Button
- 4) A new tag can be added using the 'Add Tag' Button
- 5) A photo can be moved to another album using the 'Move Photo' button. This will also delete the photo from the current album
- 6) A photo can be copied using the 'Copy Photo' Button. This will add the photo to another album without removing it from the current album
- 7) The user can logout by clicking the 'Logout' button
- 8) The user can quit the application by clicking the 'Quit' button

Move Photo System



1. This is what the user will see when they choose to move photo to a different album
2. The TableView will contain all the albums owned by that user
 - a. Clicking on an album element within the tableView will populate the text field with that album name
3. Clicking the Move Photo JButton will officially add the photo to that album and remove the photo from its original album
4. The logout button will instantiate logout popup and may lead user back to login screen
5. Quit button will instantiate quit popup and may lead user to exit the application

Copy Photo System



1. This is what the user will see when they choose to copy a photo to a different album
2. The TableView will contain all the albums owned by that user
 - a. Clicking on an album element within the tableView will populate the text field with that album name
3. Clicking the Copy Photo JButton will officially copy the photo to that album without removing the photo from its original album
4. The logout button will instantiate logout popup and may lead user back to login screen
5. Quit button will instantiate quit popup and may lead user to exit the application