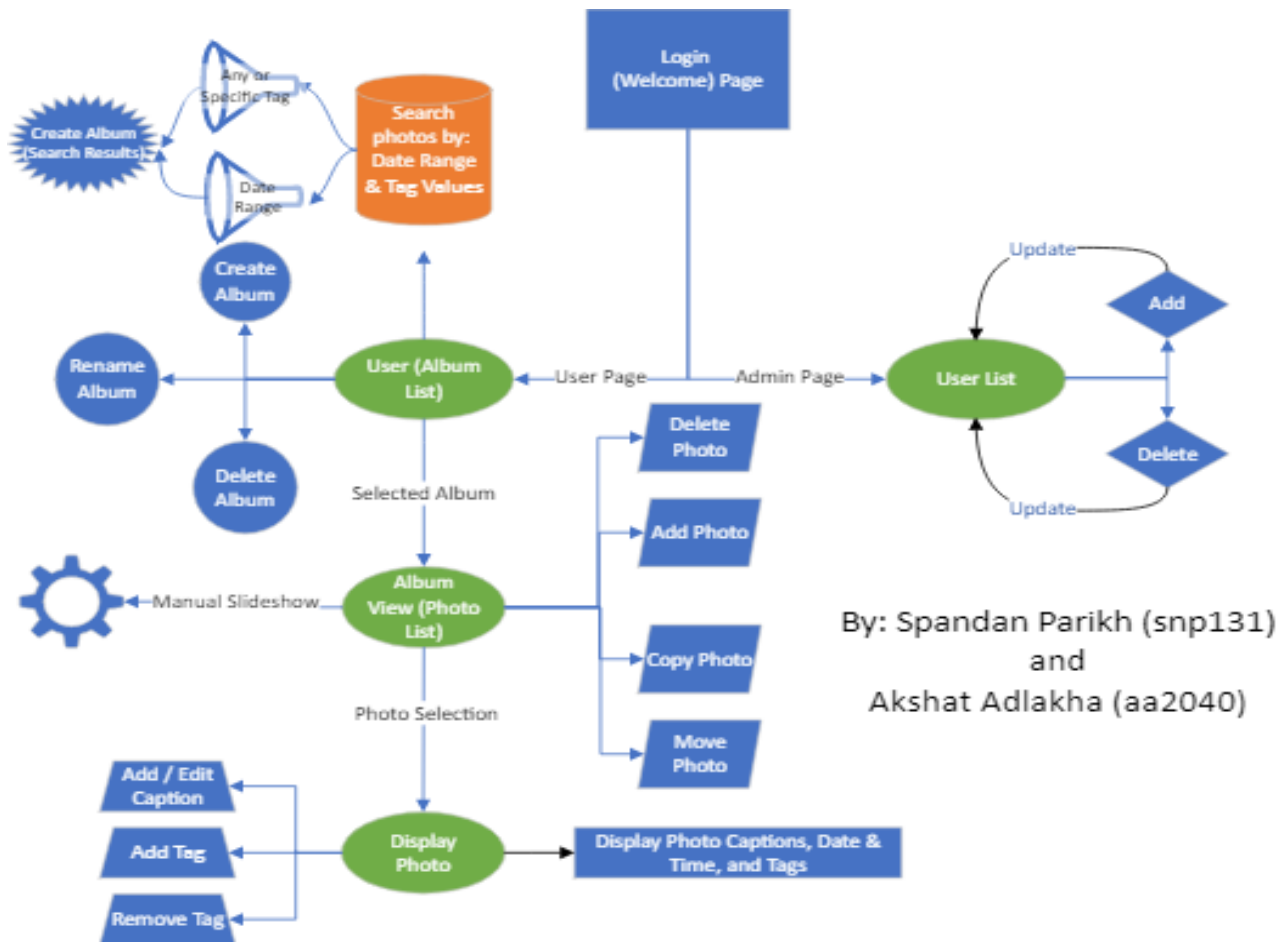


Photos Storyboard

By: Spandan Parikh (snp131) and Akshat Adlakha (aa2040)

Photos Overview:

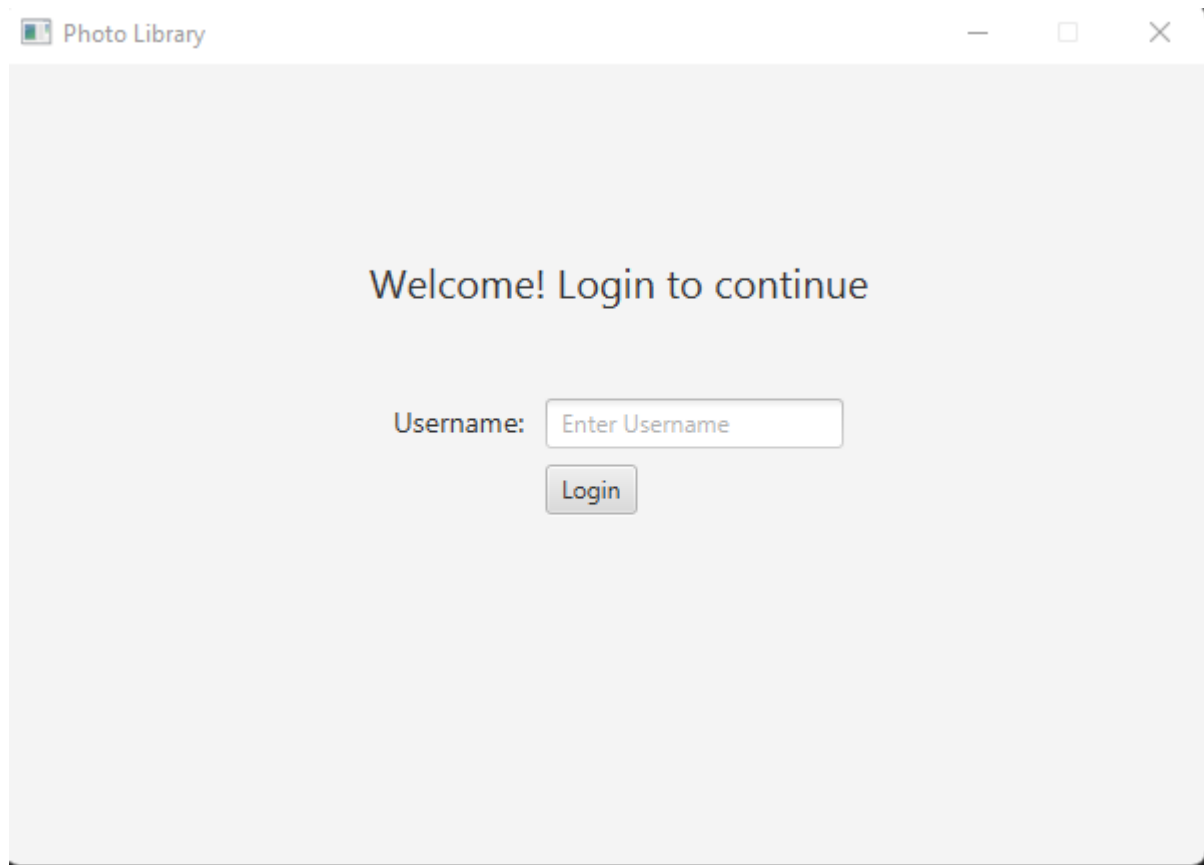


This is the general flow of the Photos GUI, we kick off with the Login page, where if the username is “admin” → it leads to the Admin Page which contains a visible list of users. Admin User can then add or delete other users.

Any other user → leads to the User Page which contains a visible list of their albums. They can create a new album, delete an existing album, or rename a selected album. Which will be updated in the list.

- They can Open an album → Album View, which shows a visible list of photos (file path) along with the thumbnail, caption, and date of the selected photo. They have the option to add a new photo to the album, delete an existing photo, copy, or move photo to another album.
 - o Display Photo → Shows Photo in a better perspective, user can add or change caption, add, or remove tags name and values
 - o Slideshow → Best perspective to view all photos in album, it’s a slideshow, where user can go back and forth through all Photos within the album.
- They can Search for certain Photos by a Date Range or by Tag Name and Values. Photos across all the albums they have access to.

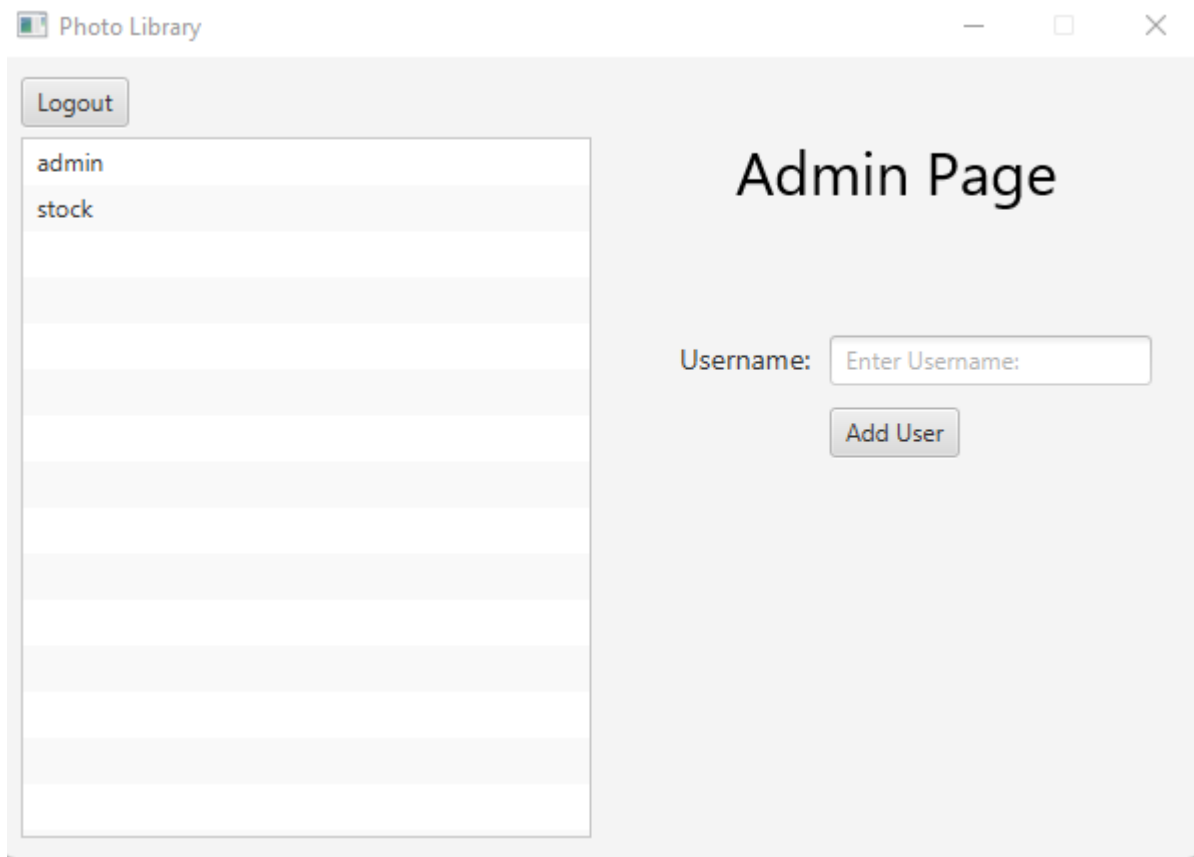
Login Page:



When the program starts: This login page is shown. User is prompted to enter their username and click on the Login button. If the username is valid, it will lead to the following options, otherwise nothing will happen.

- If username = "admin," then it will lead to the Admin Page shown on Page 4
 - o No password to be used for simplicity's sake
- If username is a valid regular username, then it will lead to the User Page shown on Page 5

Admin Page:

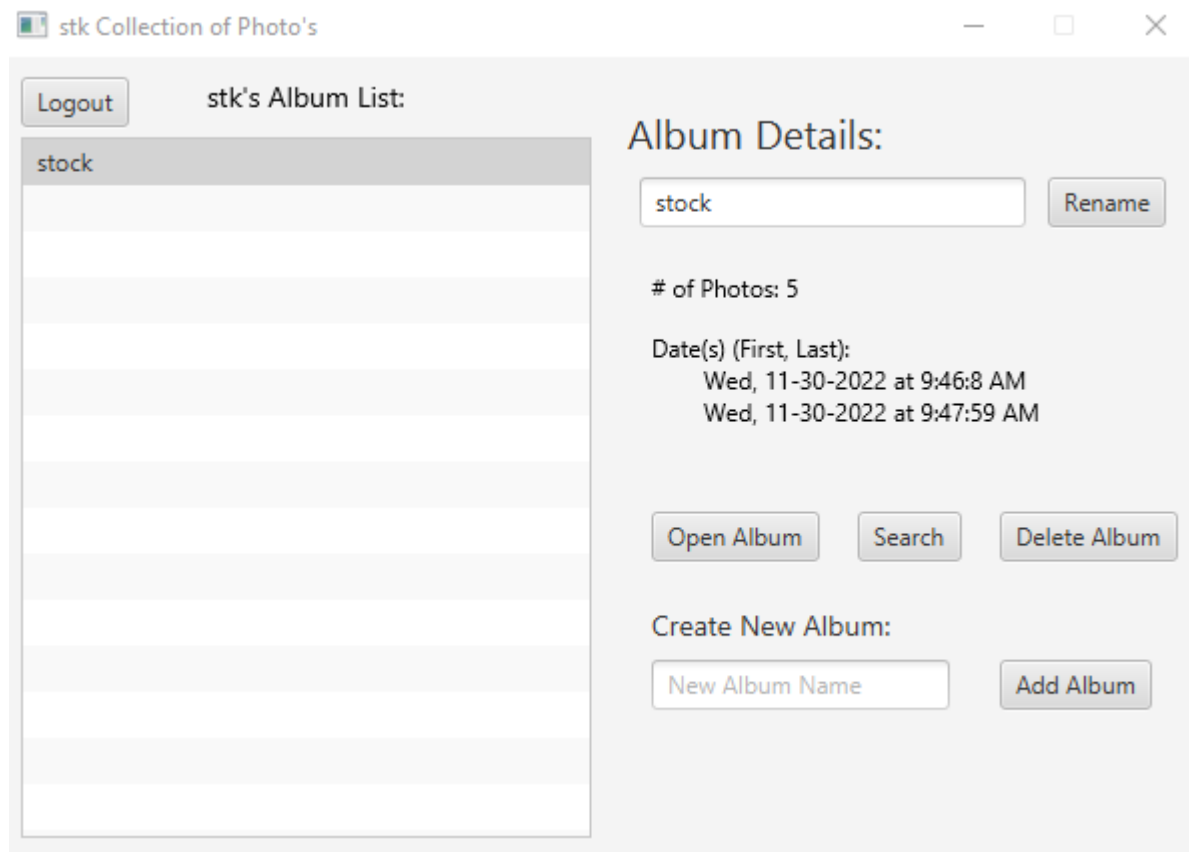


On the top left, there is a "Logout" option, to logout the admin of their account and return back to the login page without exiting the application.

Below the logout button, there is a listView, to display the list of users. There are two options:

- Add User, enter the username in the text field box and click the "Add User" button, it will add the user in the user list and will be updated
- Delete User, select a specific username from the list and click the "Delete User" button, it will delete the user and update the list.

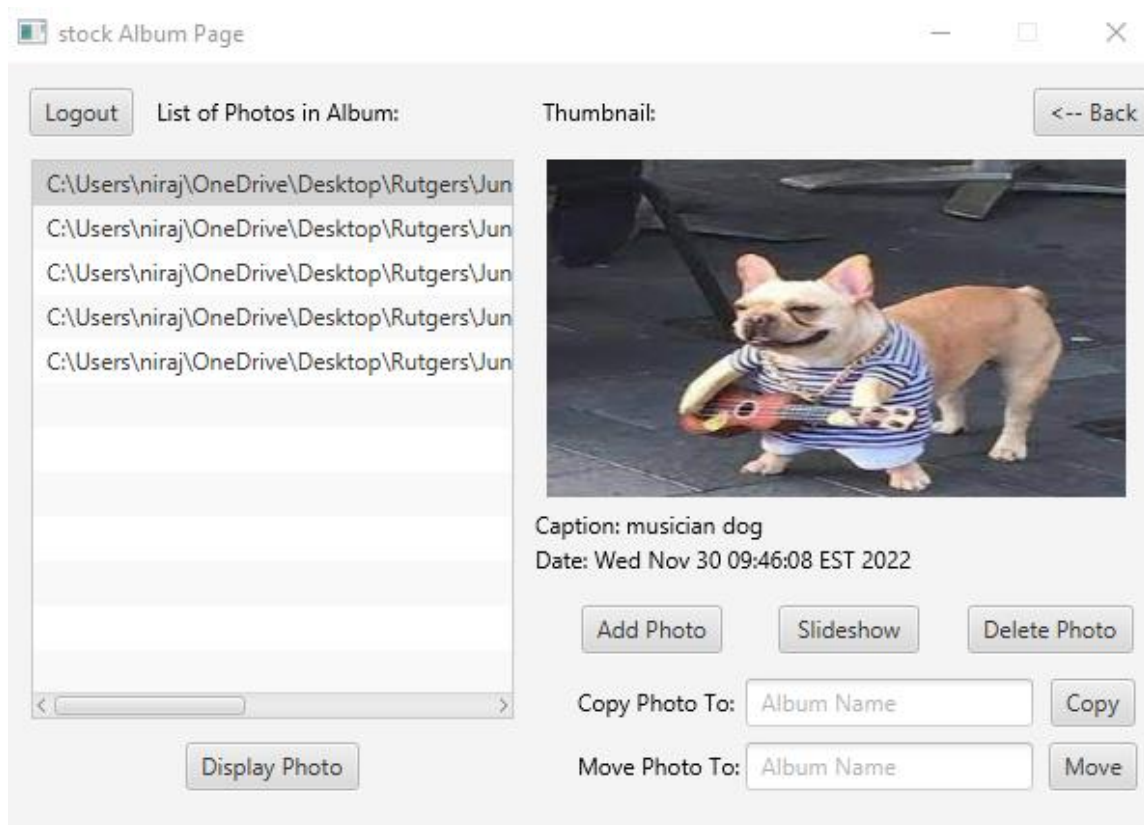
User Page:



This is for the ordinary user's page, if the username to login was not of an admin. This page is shown, it contains:

- "Logout" button at the top left of the page, where users can logout without forcefully terminating the application.
- Below the "Logout" button is another listView to display the list of all album's user has access to.
 - o Selecting an album will fill in **Album Details** such as, album name, the number of photos in album, and the dates (first to last).
- Below the **Album Details** there are 3 additional buttons:
 - o Open Album: User will be directed to another page (**Album View**), where the chosen album's photos can be viewed (accessed). Shown in page 6.
 - o Search: User will be directed to another page (Search page shown last), where user can search based on a date range or according to specific or any tag name and value.
 - o Delete Album: User will receive a confirmation alert, asking to ensure that they want to delete this album. To prevent accidental deletion.
- Lastly, there is the means to add a new album to the list
 - o Add Album Button: User will fill in the album name and clicking on the "Add Album" button, will add the album to the album list.

Album View:



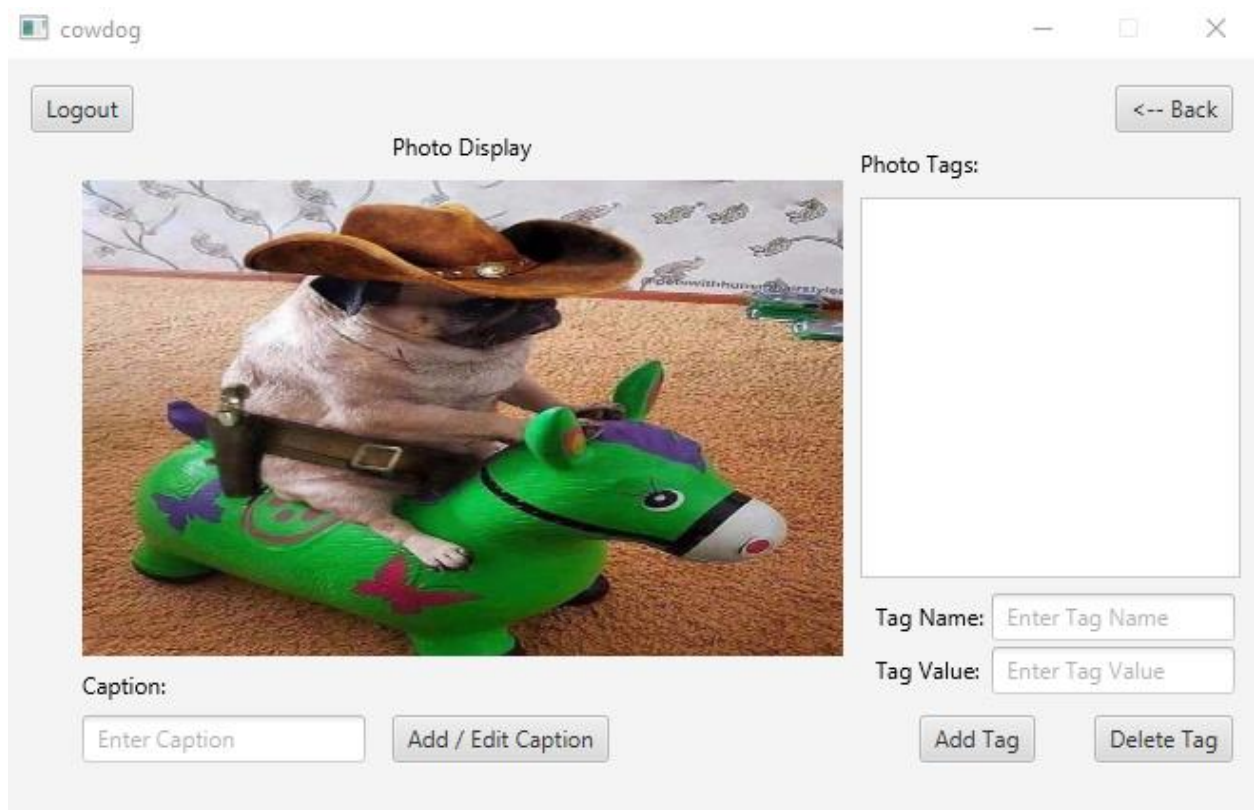
This is the album view page, where the photos of that album are shown. At the top left of the page, there is a “Logout” button for users to logout. At the top right of the page, there is also a “← Back” Button, to return to the previous page (**User Page**) to select another album.

Below the logout button, is a listview containing the list of photos in this specific album. Next to it, is a thumbnail to display the selected photo along with a couple of details such as caption and date photo added, right below the Photo Pane.

- Below the **Photo Details**:
 - o Add Photo: which pops open a file explorer and prompts user to choose a photo to add to the album.
 - o Slideshow: Redirects the user to the slideshow page (shown on page 8), where user can flip through the album to view all photos in the best view possible.
 - o Delete Photo: User will receive a confirmation alert, asking to ensure that they want to delete this photo. To prevent accidental deletion.
 - o Below these are copy and move buttons, both require a different album name. Move removes the photo from this album and moves it to destination album, while copy just copies.

Lastly, below the list of photos (File paths), is a button “Display Photo”, redirecting user to **Photo View** page shown next to display a specific photo

Photo View:



cowdog

Logout

Photo Display

Photo Tags:

Tag Name: Enter Tag Name

Tag Value: Enter Tag Value

Caption:

Enter Caption

Add / Edit Caption

Add Tag

Delete Tag

<-- Back

This is the Photo view page, where the selected photo is displayed. At the top right of the page, there is a “Logout” button for users to logout. At the top right of the page, there is also a “← Back” Button, to return to the previous page (**Album View**) to select another photo.

Below is the actual photo along with the option to add or change the caption. Fill in the text field the desired caption and click on the “Add / Edit Caption,” it will prompt a confirmation page and change caption.

Next to the photo, is a listview of a list of tags. The user is **REQUIRED** to fill in both Tag Name and Value, then clicking on the “Add Tag” will add the inputted tag pair into the tag list.

Similarly, “Delete Tag” button will delete the selected tag from this specific photo.

Slideshow:



This is the Slideshow page, it displays the largest view of all the photos within the album.

At the top right of the page, there is a "Logout" button for users to logout. At the top right of the page, there is also a "<-- Back" Button, to return to the previous page (**Album View**).

Below the photo, there are two buttons to implement a slideshow feature:

- Previous: to go back to the previous photo, if there is any.
- Next: Clicking this button shows the next photo, if there is any more.

Search:

stk Collection of Photo's

Logout

<-- Back

Tag List:

- Name: name | Value: value
- Name: person | Value: doggo

From:

To:

Search By Date

Name: Enter Tag Name

Value: Enter Tag Value

Add Tag Any Tags Specific Tags

Create Album

This is the search page, for users to search for photos according to date or tag values across albums to group the together or something. At the top right of the page, there is a “Logout” button for users to logout. At the top right of the page, there is also a “← Back” Button, to return to the previous page (**User Page**).


Below the logout button is a listView containg a list of tags. Below the listView are text fields for the user to input a Tag Name and Value. There are three buttons:

- Add Tag: Requires both text fields to be filled, and it appends the inputted tag pair into the visible tag list.
- Any Tag: Performs disjunctive tag search and shows the photos corresponding to them at the right side of the page (list view of photos).
- Specific Tags: Performs conjunctive tag search and shows the photos corresponding to thtem at the right side of the page (list view of photos).

Next to listView are date fields for user to input, to search for photos added on specific date range. Below is a button “Search By Date” to perform the actual search

Lastly, there is a “Create Album button” to create a new album for the photos displayed in the search results.

Sample Search Result:

 stk Collection of Photo's

Logout

Tag List:

Name: name | Value: value

From:

11/29/2022

To:

11/30/2022

Search By Date

Name:

Enter Tag Name




Value:

Enter Tag Value

Add Tag

Specific Tags

<-- Back



Create Album