

Photos Storyboard Overview

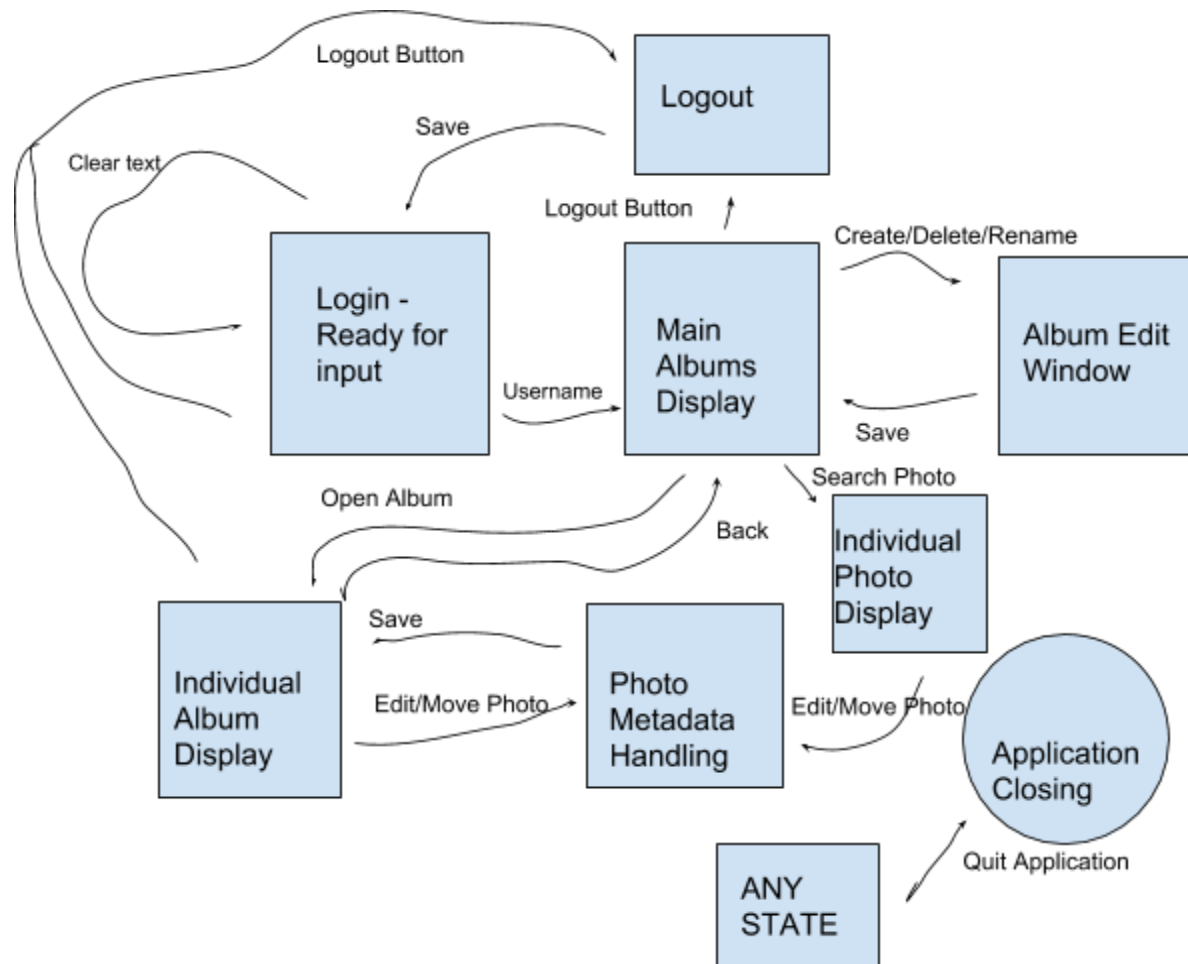


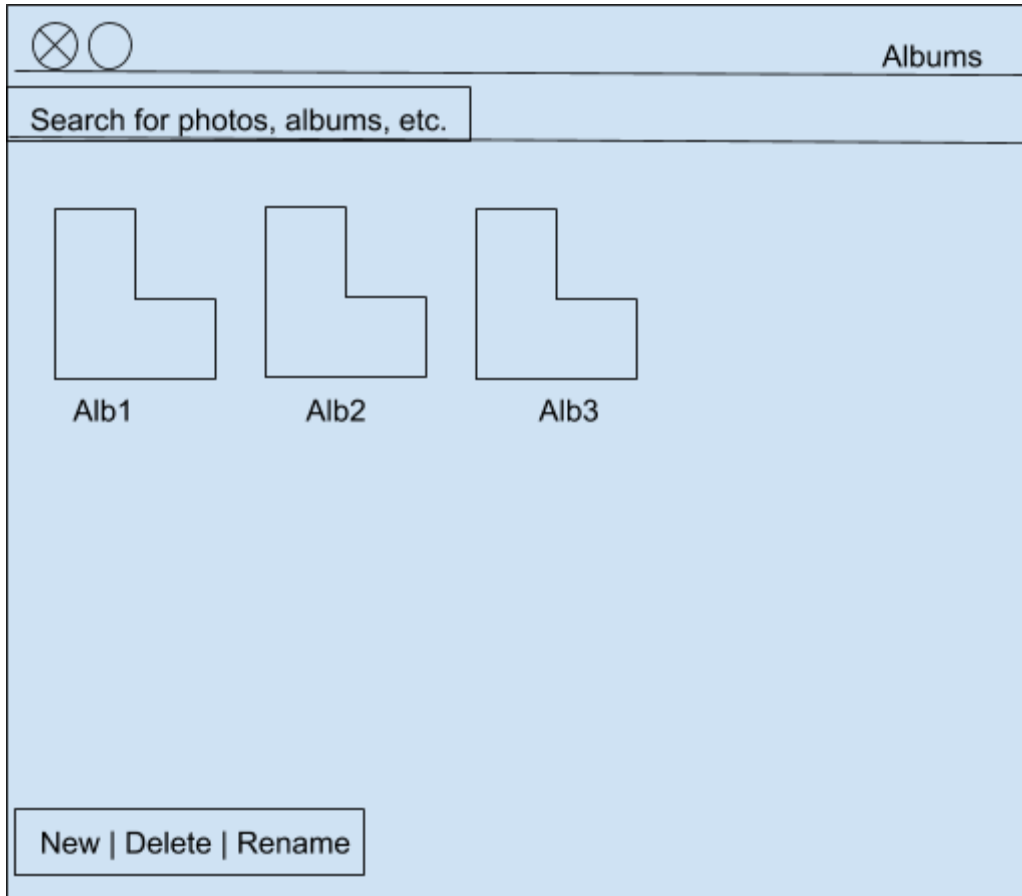
Photo Library Storyboard 1

The storyboard shows a window titled "Photo Library" with a light blue background. Inside the window, the text "Welcome!" is centered. Below it, there are two text input fields. The first field is preceded by the label "User:" and the second by "Password:". Below the input fields, there are three buttons: "Login" (light green), "Sign Up" (dark green), and "Cancel" (light red).

Once the user opens the application,
they are prompted to login or signup

- 1) Textfield prompts them to input user/password
- 2) login/signup/cancel buttons
- 3) Password functionality is optional!

Photo Library Storyboard 2

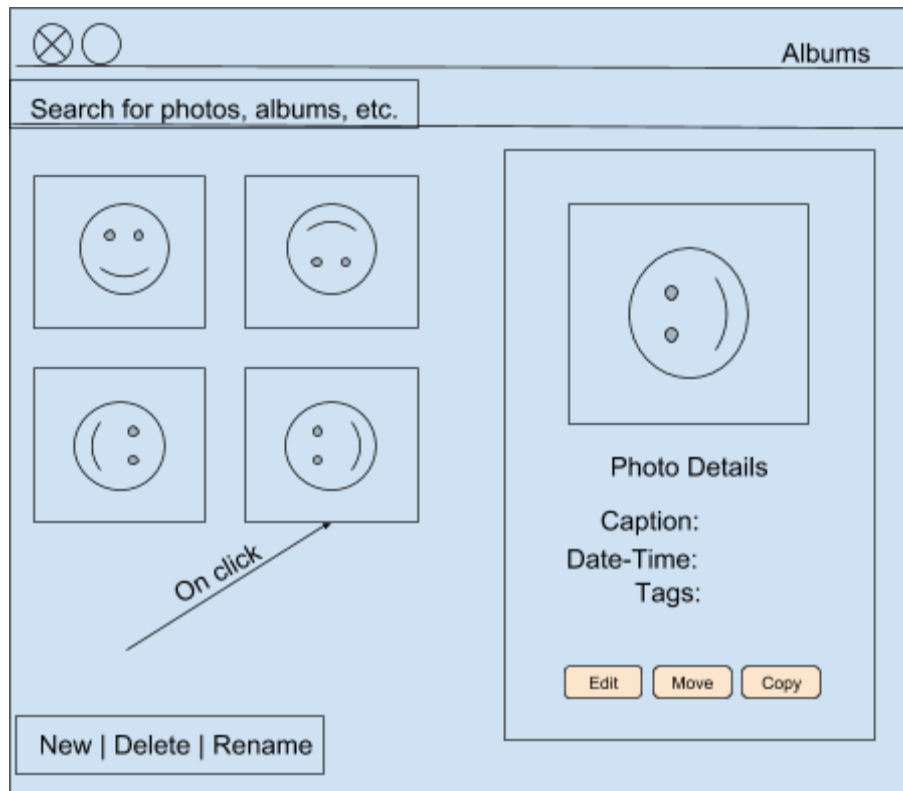


Opened window display

User interacts with albums that are preloaded with photos that they have uploaded during prior sessions. User can choose what to do next: search, open album, etc.

- 1) Textfield for search
- 2) Display of albums

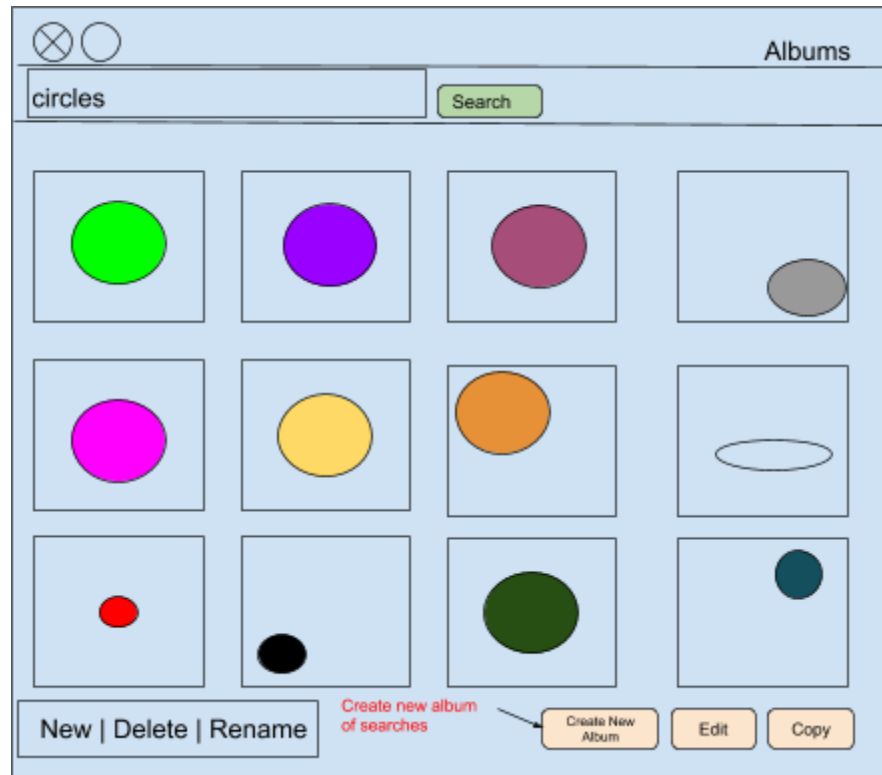
Photo Library Storyboard 3



Sample View of a display of photos within album and user clicking on a photo for further details

- 1) Photo click handling
- 2) Side pane display of photo with details
- 3) edit/move/copy buttons

Photo Library Storyboard 4



Sample user search

User searches on search bar and is given images that match that search via caption/metadata. User can also search on date-time range.

- 1) Textfield for search
- 2) Search, create new album, edit, copy, buttons for the searched photos

Functionality We'll Need to Consider

- 1) User login / signup
- 2) Display of current albums
- 3) Giving user option to create, delete, rename, open albums
 - a) If open album,
 - i) Add photo
 - ii) Remove photo
 - iii) caption/re-caption
 - iv) Display image in a separate display area
 - (1) Photo should show caption, date-time captured, tags
 - v) Duplicate (copy) photo from one album into another album (multiple copies can exist)
 - vi) Metadata: Add a tag (should probably be its own box?)
 - vii) Metadata: Delete a tag
 - viii) Move a photo from one album (source) to another (the photo will be removed from source album)
 - ix) Go through photos in album in sequence forward or backward one at a time with user interaction (manual slideshow)
 - b) Search for photos (searched photos should display like photos in an album are displayed)
 - i) Search for photos by date range
 - ii) Search for photos by tag type-value pairs
 - (1) A single tag-value pair, e.g person = Sesh
 - (2) Conjunctive combo of two tag-value pairs e.g., person = Sesh AND location = prague
 - (3) Disjunctive combo of two tag-value pairs, e.g., person = sesh OR location = prague
 - (4) For conjunctions and disjunctions, if a tag can have multiple values for a photo, it can appear on both arms of the conjunction/disjunction, e.g., person = Andre OR person = Maya, person = andre AND person = maya
 - iii) Should be functional to create an album for searched items
- 4) Logout
 - a) User (whether admin or non) logs out at the end
 - b) Updates made by user are saved to disk
 - c) After user logs out, app is still running, allowing another user to log in
- 5) Quit application
 - a) Should be a way for user to quit app safely at any time bypassing the logout step
 - b) **Safely** means that all updates that were made in app in the user's session are saved on disk
 - c) Unlike logout, the app stops running
 - d) Next user that wants to use the app will need to restart it