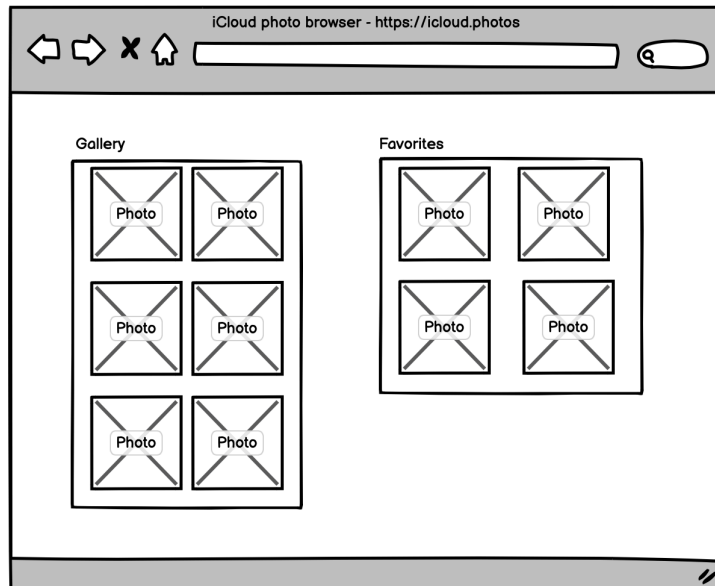


Photo gallery app with preview, infinite scrolling and drag-and-drop favorites

Description - Build a photo gallery application with features such as infinite scrolling and favorites selection using drag-and-drop

Technologies - Javascript, HTML and CSS. React/Angular/Vue can be used for code organization, but please don't use any utility library for infinite scrolling or drag and drop.

Duration - 24 to 48 hours



Features:

- Drag and drop to mark and unmark favorites
- Infinite scrolling
- Quick preview overlay
- Responsive grid system

Instructions

1. This should be a simple photo browser application. It should have two main containers. Gallery on the left side and favorited photos on the right.
2. Gallery container should display a grid of photo thumbnails.
3. The grid should be responsive to fit more photos on each row, depending on the viewport width.
4. When clicked on any of the thumbnail, the app should display an overlay with high res photo.
5. Gallery should have infinite scrolling of photo thumbnails, with no lag in fetching new thumbnails.
6. User should be able to drag and drop photo thumbnails from gallery to favorites.
7. Once a thumbnail is dropped, the application should show a confirmation dialog, confirm or dismiss selection. Users should be able to unfavorite a thumbnail, by simply dragging the photo off the favorites container

Evaluation criteria

- Please use any of the modern web frameworks for code organization. But, main features such as drag-and-drop, infinite scrolling, responsive grid system should be implemented by using standard Javascript and DOM APIs. No utility libraries or frameworks are allowed.
- Write high quality code, following best practices and proper coding conventions.
- Write unit tests for the functional pieces
- Look for runtime performance optimizations, while implementing infinite scrolling
- Make drag and drop interface more usable by techniques like highlighting drag zones, etc