Front-end Technical Interview Assignment

You are assigned to make a web frontend application which can display the search result of flickr images search API.

Here are the requirements for the application:
- It lists the search results of flickr api
- It supports incremental loading when the user scrolls the page
- When the user clicks on one of the images, it calculates the edges of the images using opencv js "Canny edge detection" and open it on full screen mode
- Responsive app design

We would like you to implement the application on React.
You are given the freedom to make your own choices in terms of layout, UX, code architecture and libraries to use. For things that are not clear, please make your own assumptions. Please describe all the choices and assumptions you have made in the readme file.

You can find a very simple layout describing the idea and the API details below.

Deliverables:
- Code base in a zip file.
- ReadMe explaining how to run the code (along with the motivation of the choices in the architecture)

The evaluation items:
- Listing the search result of the flickr API
- The full screen image with edge detection layer
- How beautiful and intuitive is your design
- Code architecture

APIs:
Photo search API docs
https://www.flickr.com/services/api/flickr.photos.search.html
How to construct the photo url
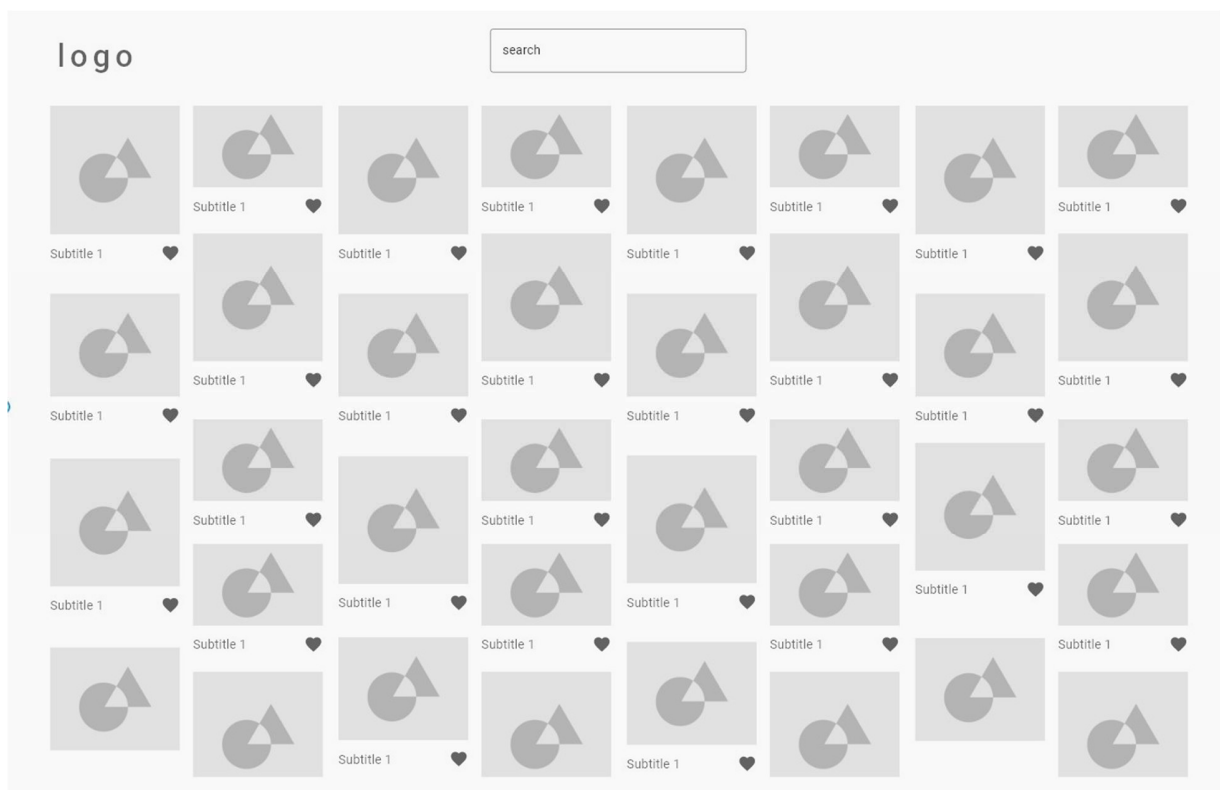https://www.flickr.com/services/api/misc.urls.html
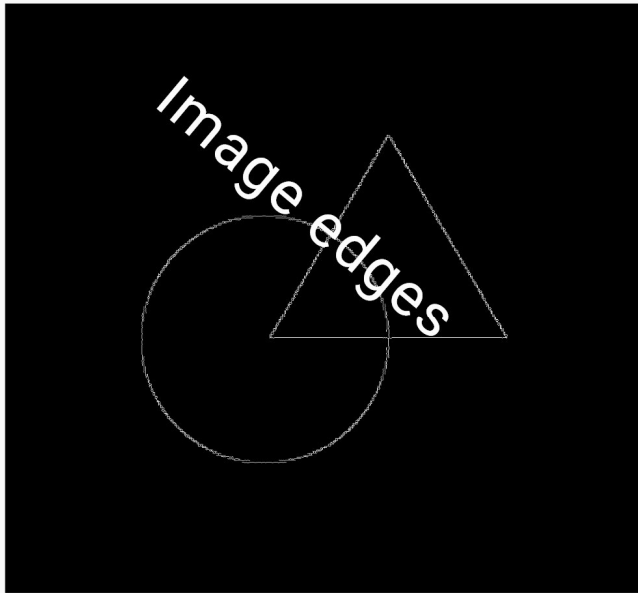
APIKey = "ef1f9d4f8ca80dada31c684364355282"
FLickrApi_sig= "d7f57fa9e01a6a2d6ccd8597b8d2f86b"

Working examples :
https://api.flickr.com/services/rest?method=flickr.photos.search&api_key=ef1f9d4f8ca80dada31c684364355282&FLickrApi_sig=d7f57fa9e01a6a2d6ccd8597b8d2f86b&nojsoncallback=1&format=json&tags=hi&page=0&per_page=50&content_type=7&extras=owner_name,date_upload

https://farm66.staticflickr.com/65535/49243611922_a41c9e59f5_b.jpg

Title

Posted date

Owner