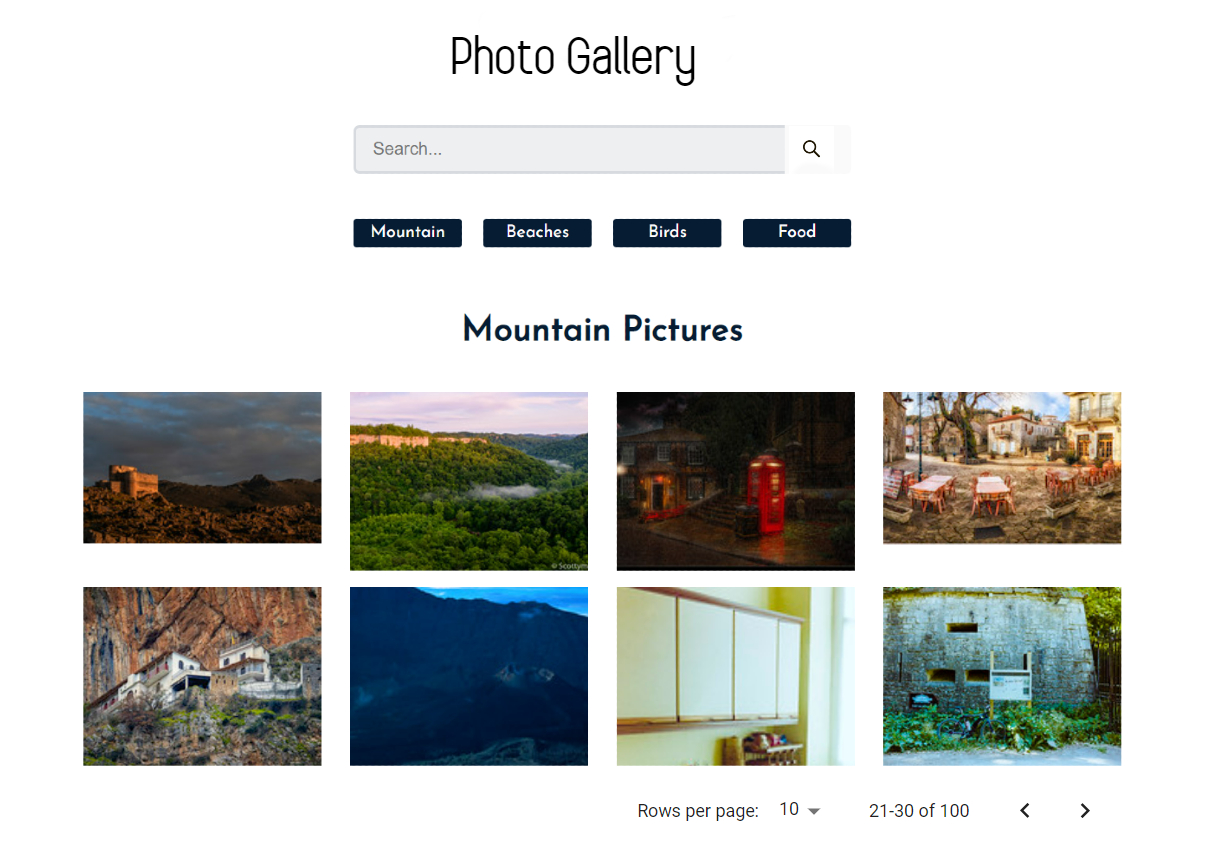
# **React JS Advance assignment:**



* You have to create an image gallery app, which will have the features: searching, filtering, pagination, lazy loading,
* You need to implement the redux and redux saga in this app for side effects (Api calls).
* You have to use the lazy loading feature of react as well in this app.
* You can show some of the tags (mountain, beaches, birds, food) so when you click on any of the tags you will get images related to that tag.
* Need to add pagination as well - 16 images per page (4\*4)
* Till load image have to show skeleton of material ui
* The Api that you will use in this app is:

`https://api.flickr.com/services/rest/?method=flickr.photos.search&api\_key=${apiKey}&tags=${query}&per\_page=${per\_page}&format=json&nojsoncallback=1`

The Api key for this Api is: apiKey ="636e1481b4f3c446d26b8eb6ebfe7127";

‘query’ here is the search query that you need to send from frontend and also you need to send images ‘per\_page’ from frontend (pagination, i.e., how many images you want to show on one page)

For example Per\_page = 40, Query= “mountains”

After using this Api, you will get results as array in photo key I.e.,

photos: {

...other data,

photo: []

}

Then you will need to make the URL using the information in the photo array. I.e.

URL = `https://farm${farm}.staticflickr.com/${server}/${id}\_${secret}\_m.jpg`

(farm,server,id,secret) this information will be there in the photos array.