

# **Photo Gallery Final Project**

**How to run the application**

**Repo link of code here:**

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**<https://github.com/ktnCodes/photogallery>**

**IMPORTANT:** The clouddinary account has already been made and the .env files have already been added to save time for grading. Please ignore the clouddinary setup section of the README.

## **Step one: Installation**

- Clone the repo from GitHub above or use the submitted code.
- Open your git bash/terminal and navigate to the Photogallery folder
- Cd into client and run this command to ensure amplify is installed

**npm i aws-amplify @aws-amplify/ui-react**

## **Step two: Starting the server**

- Open a terminal, cd into api, and run the following from the api folder:

**npm install  
npm run server**

## **Step three: Starting the frontend**

- Open a terminal, cd into client, and run the following from the client folder:

**npm install  
npm server**

The app should be running on localhost:3000.

## How to use the application

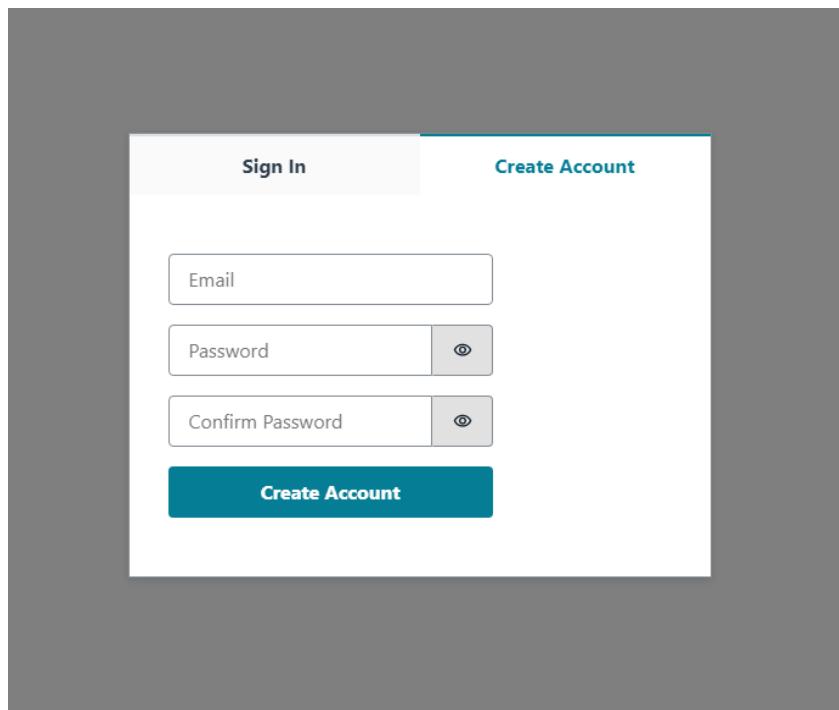
In this project, we were tasked to build and test a Web application of a photo gallery that allows users to...

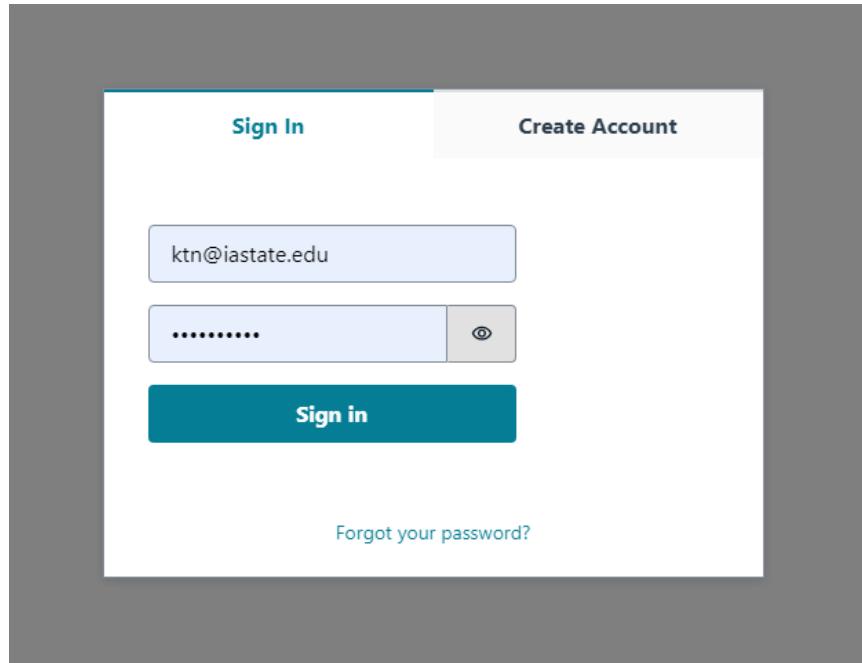
- 1. Create and log on to a personal account**
- 2. Upload photos**
- 3. View details of saved photos**
- 4. Search photos using keywords**

We will use these four as the criteria for our functionality.

### **1. Create and log on to a personal account**

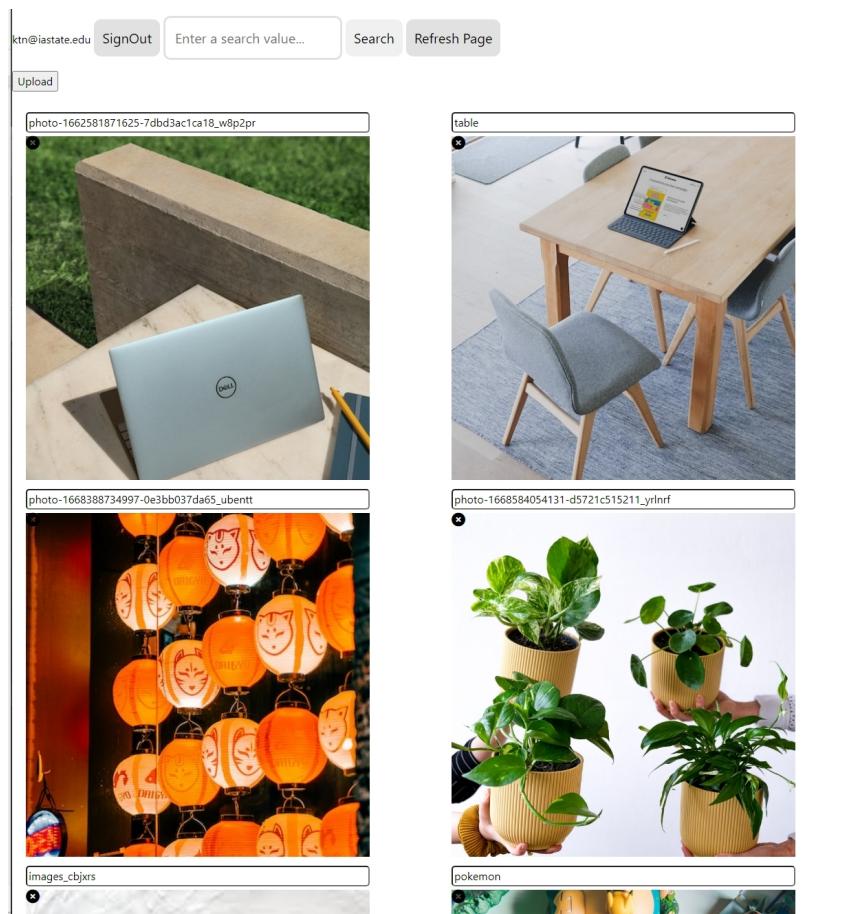
1.1 Once the project is deployed, please create an account and log in (you will need to verify your email address)



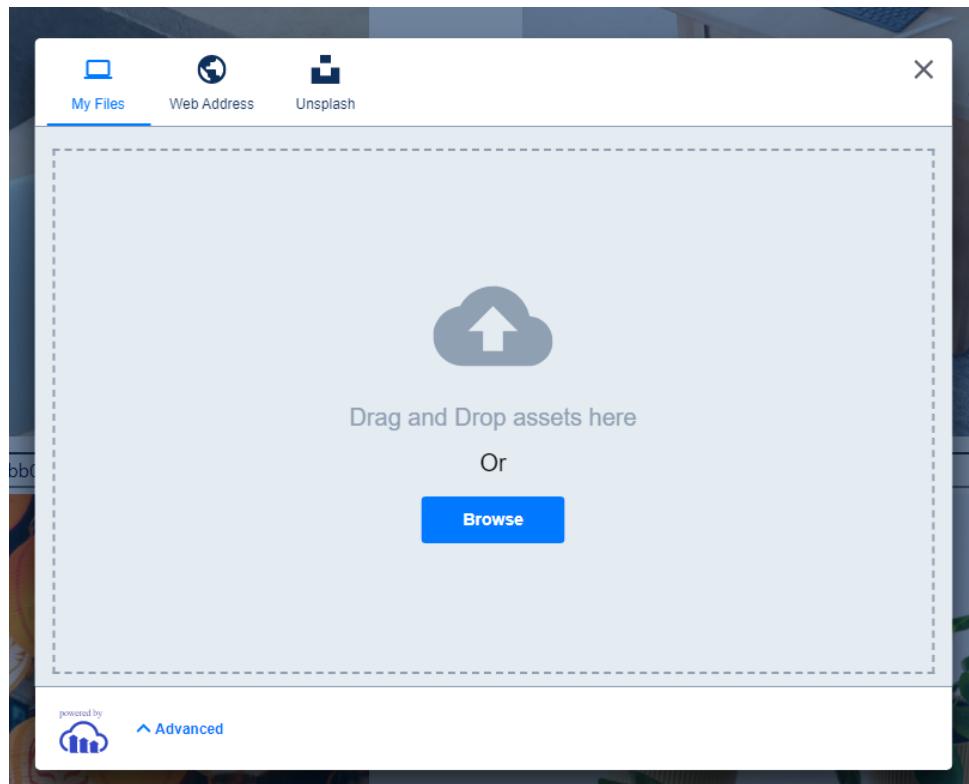


## 2. Upload photos

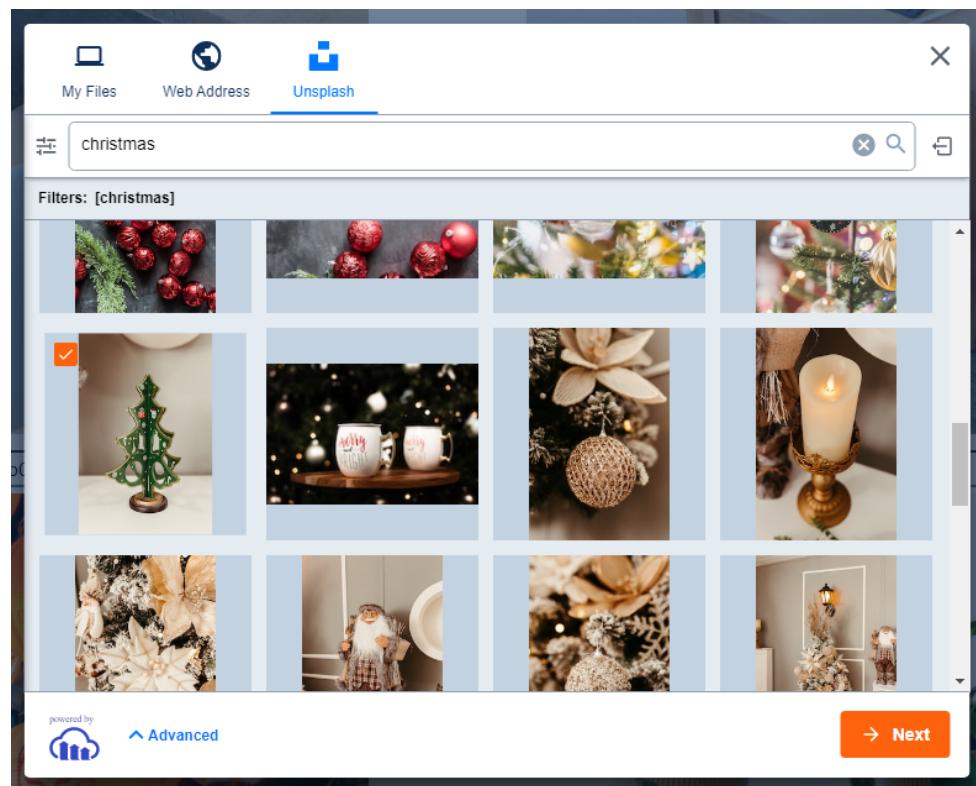
2.1 Here is our front end; please click on the upload button to upload an image.



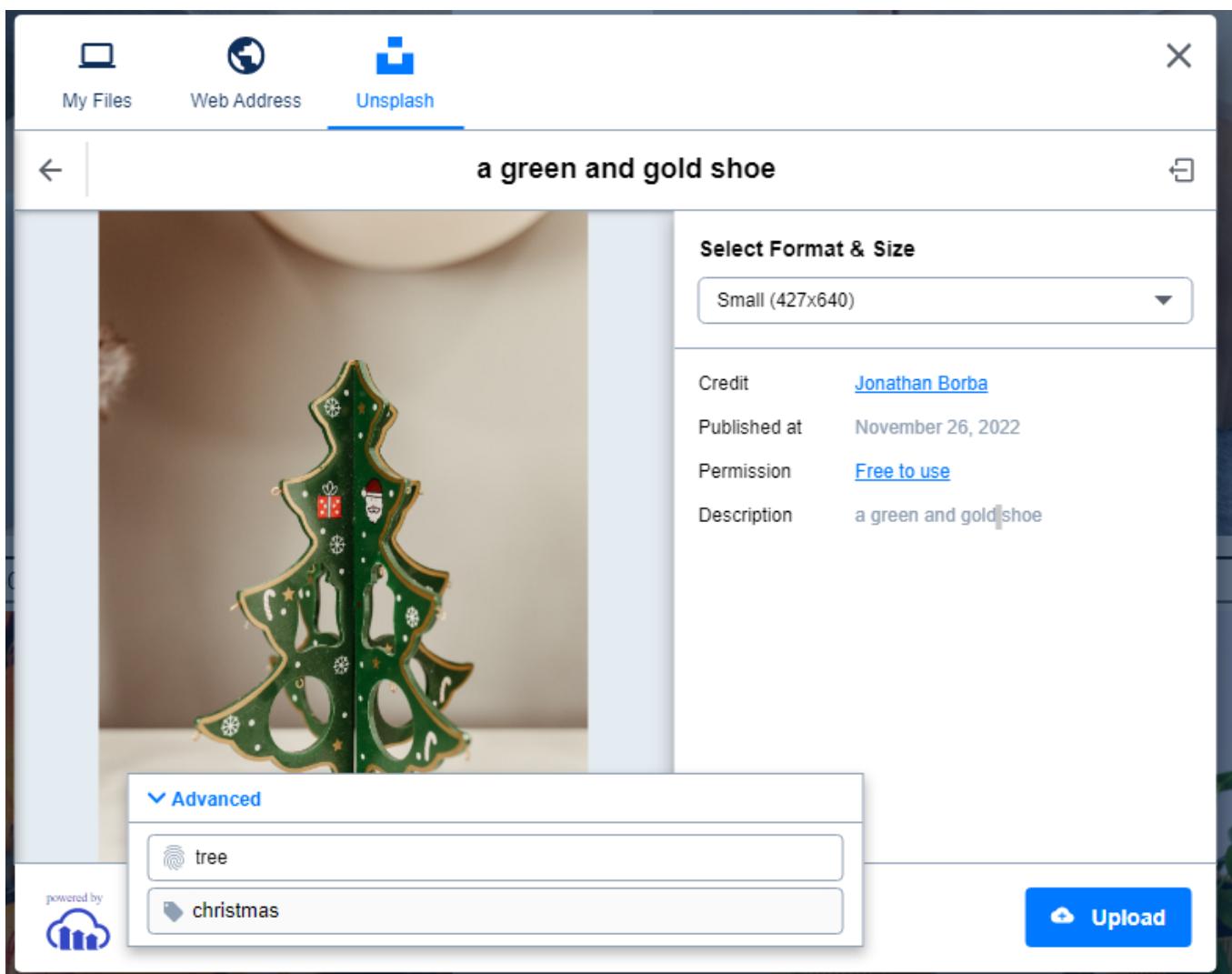
2.2 Here, you have three options to upload. For this example, I will use Unsplash.



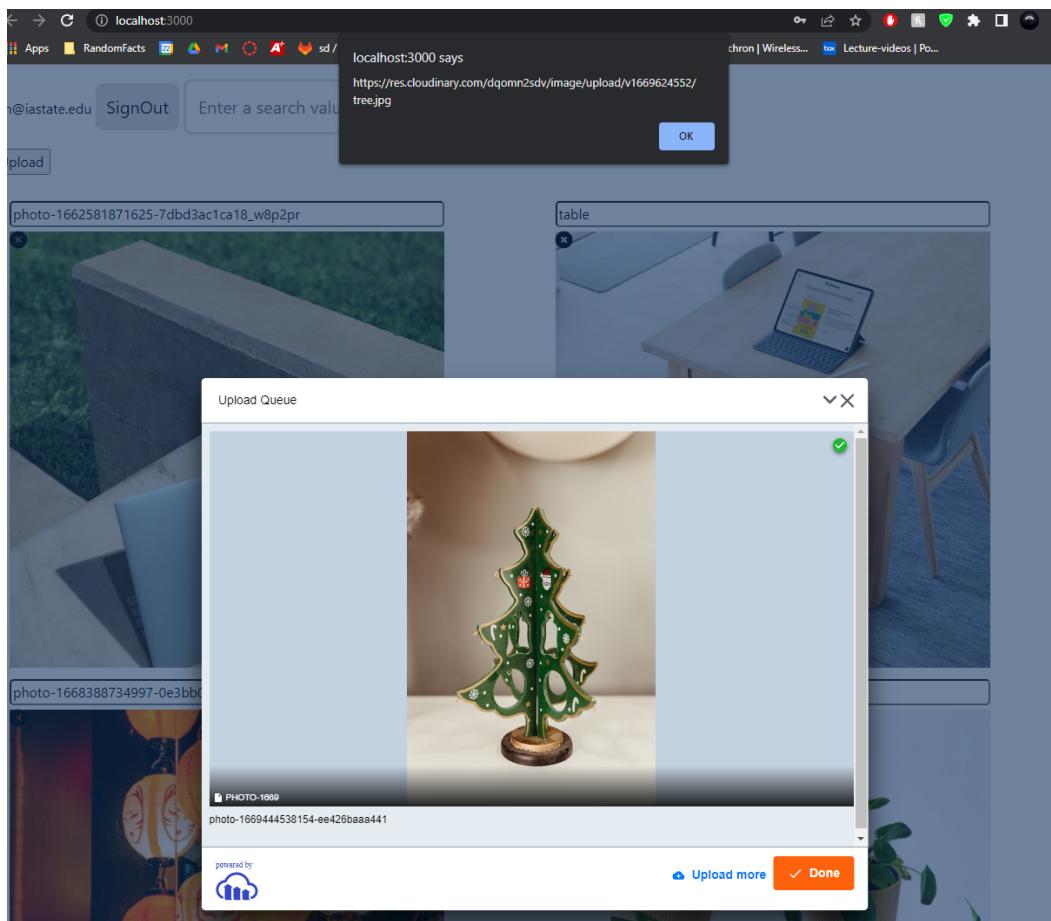
2.3 Connect and pick any photo to upload



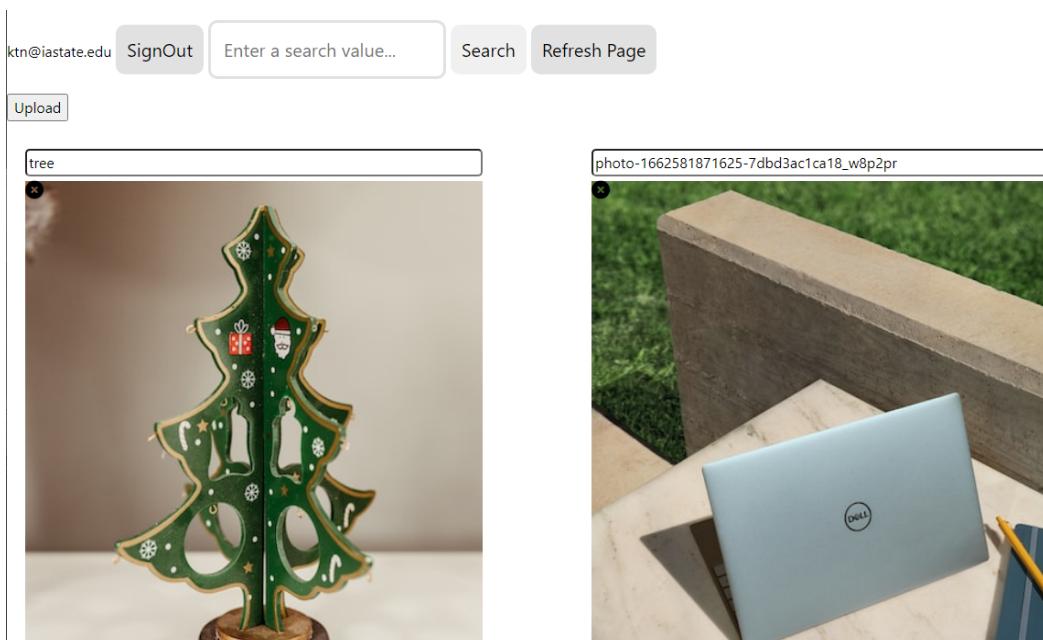
2.4 Make sure to click on the advanced tab to name and tag the image.



## 2.5 Photo is uploaded!

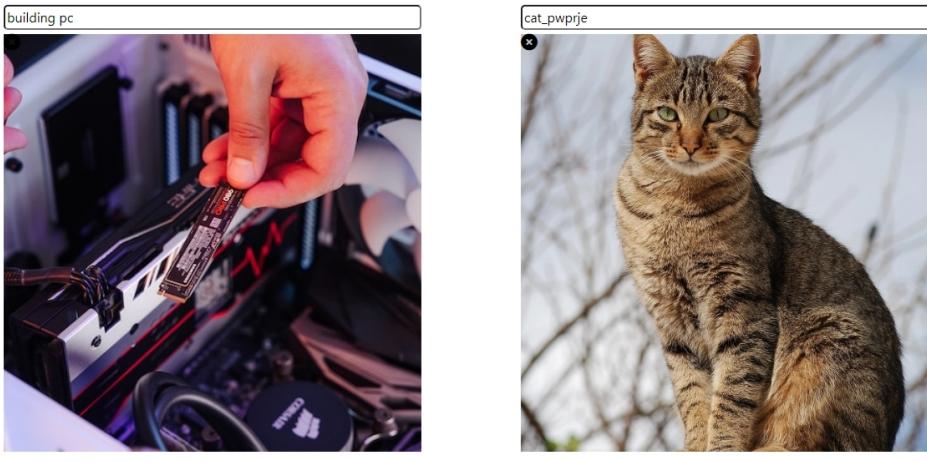


## 2.6 Now click on the Refresh Page Button on top



### 3. View details of saved photos

Now that we saved our photos to our Cloudinary database, we can see the name of each of the photos we uploaded. If it has more than ten photos, a load more button will appear to load the rest of the photos.



Load More

### 4. Search photos using keywords

We can search for photos saved in our database by using the titles we named each photo. For example, we will search for cat in the search bar. Clear refresh page to reset.

ktn@iastate.edu SignOut  Search Refresh Page

Upload

