

# After Action Review Report

## Background:

1. **Team/Project Name:** Runtime Terror (Photo Organizer)

2. **Project/ Event Reviewed:**

SSE Capstone Project - Photo Organizer

3. **Date of Review:** 14 April, 2021

4. **When review was completed:**

☐ During Project

☒ After Project Completion

## 5. Participants

NAME	JOB TITLE	ROLE IN TEAM
Jiaan Nie	Student	Facilitator
Allan Wambold	Student	Developer
Sopuruchukwu Ugwuonah	Student	Developer
Ali Husain Rizvi	Student	Developer

## 6. Please provide a summary of your project or event.

In modern society, travelers have a lot of photos that they have taken over the years on their vacations. Having so many fond memories compounding in their photo albums gets overwhelming over time. Where was this photo taken? Why was this structure so important at the time? What can I do to organize my collections?

We wanted to create an easy way for users to organize their photo collections into albums so that the photos are easy to find. The planned organization method will be to use landmark recognition to identify images so that similar images can be grouped together.

## 7. What went well and why?

(What were the successful steps taken towards achieving your objective?)

Successes	How to Ensure Success in the Future
Went through the design process to empathize and understand user needs	Continue working towards helping the user
Transitioned from Hi-Fi Prototype to working app	Continue improving the design
App is using landmark detection to sort images	Use the Google API to identify landmarks until the team-trained model is capable of doing the job
Users are able to register and sign in to the app	Ensure user accounts are handled securely
Users are able to upload images to the app	Ensure users continue to be able to upload images securely.
Users are able to see their images sorted within the app	Continue improving the interface and how users are able to access their images
Users are able to download their sorted photos	Ensure users can securely download images, and improve on sorted folder structure
App is able to recommend new places via its discovery feature	Use the User's visited locations to recommend new places that they haven't visited yet

## 8. What can be improved and how?

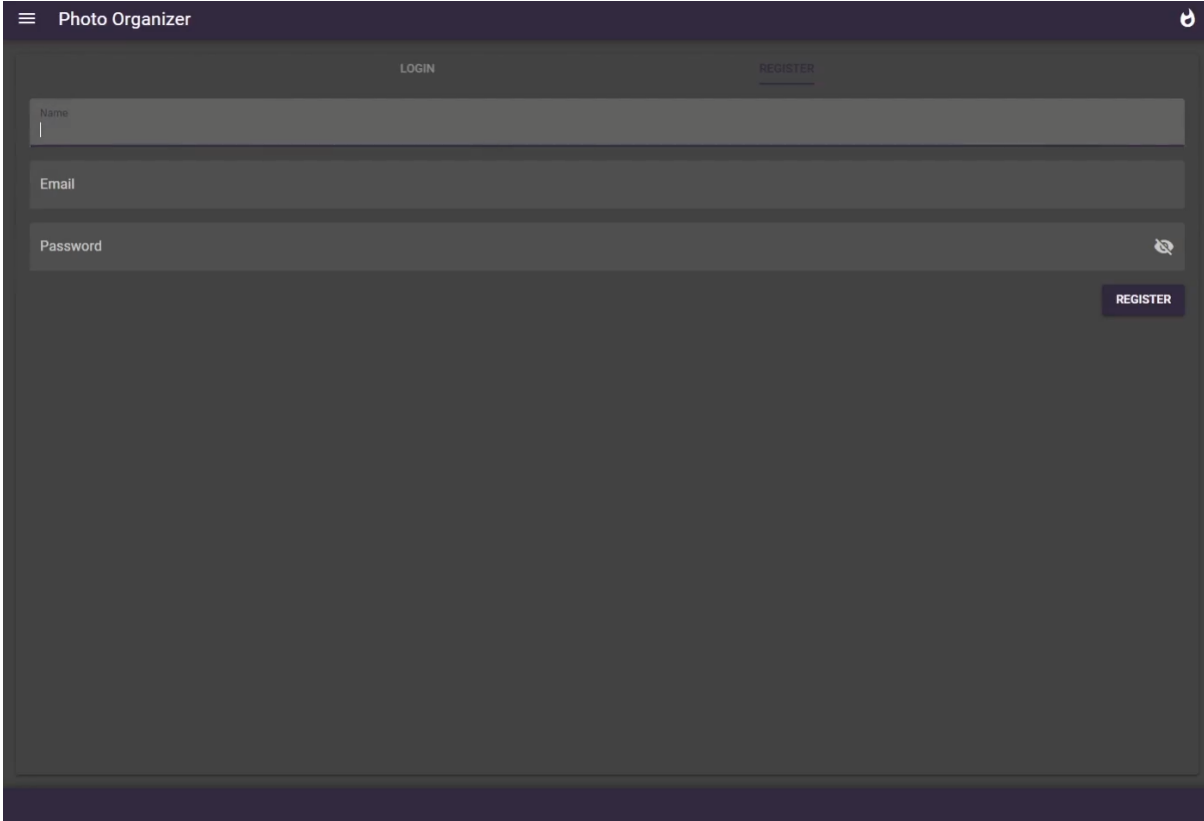
(What could have been done better? What can we do differently in similar situations in the future to ensure success? What would be your advice to future project teams?)

What can be improved	Recommendations
Interface Improvements	Make the interface more intuitive to navigate, and make it more obvious what some buttons do.
Sorting Improvements	Use more/different criteria other than landmarks such as dates to sort images.
Roles of accounts	Implement a separate developer/admin role for accounts

Improve the training dataset	Reduce the imbalance within the dataset used to train the model and ensure every class within the dataset has adequate images for training.
Improve the model network	Once the training data is improved upon, re-design the model network to use multiple classifiers to improve accuracy and allow for fine tuning
Security	The way user accounts are being handled on login needs to include an authentication token in the future.

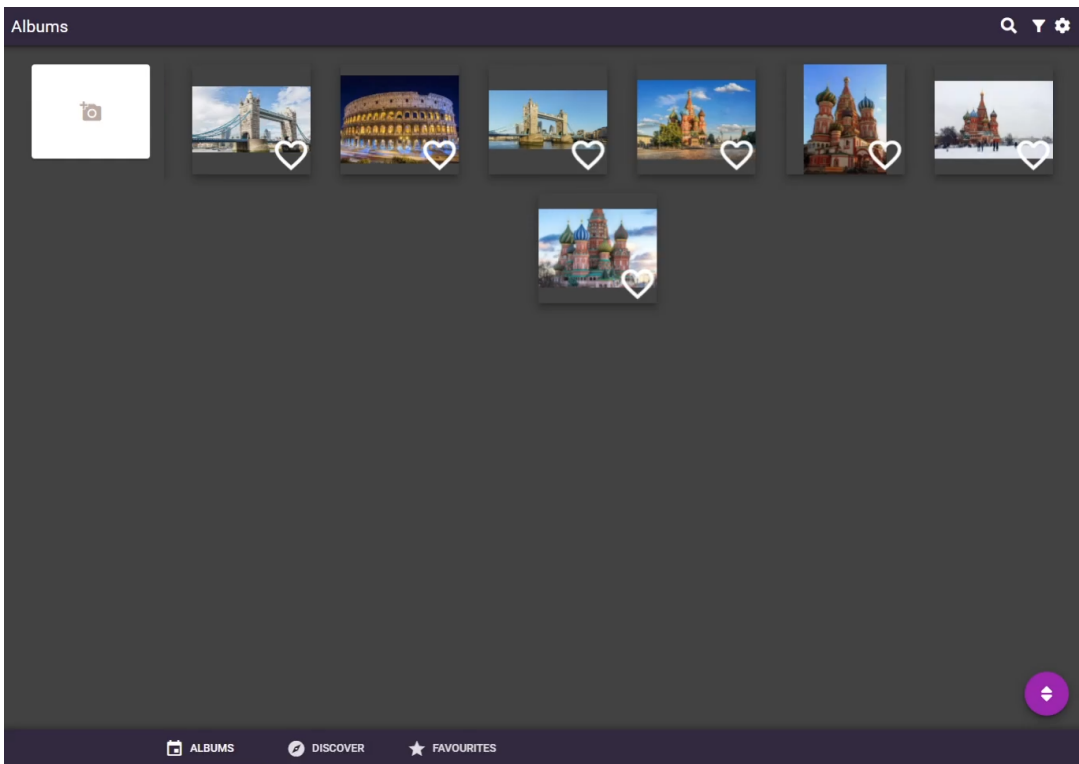
## Screenshots:

Register/ Sign in



The screenshot shows a web application titled "Photo Organizer" with a dark theme. At the top, there are two tabs: "LOGIN" and "REGISTER", with "REGISTER" being the active tab. Below the tabs, there are three input fields: "Name", "Email", and "Password". The "Name" field has a small vertical line at the end, indicating it is focused. The "Password" field has a toggle icon (an eye) on the right side. A "REGISTER" button is located at the bottom right of the form area. The background of the form is a dark gray, and the overall layout is clean and modern.

Upload and view Photos



Discover new places

