

Student: Eunsu Kang

**WEB PROJECT
REPORT
[SKKU VOYAGER]**

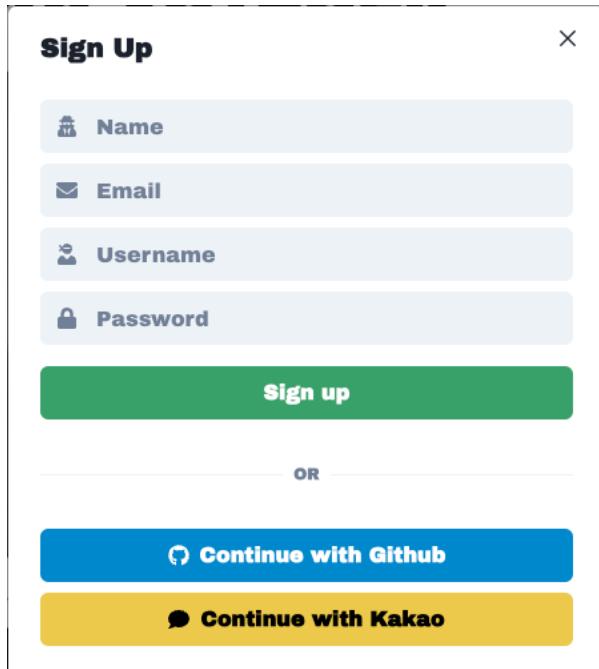
1. How to Start & Run Project

- 2 Folders
 - skku-voyager-frontend
 - ◆ Frontend part of this project
 - ◆ Using Chakra UI([Reference](#)), TypeScript, React
 - skku-voyager-backend
 - ◆ Backend part of this project
 - ◆ Using Django([Reference](#))
- Start Project

```
$ docker compose up -d
```

2. Explanation of Website

A. Sign Up Modal

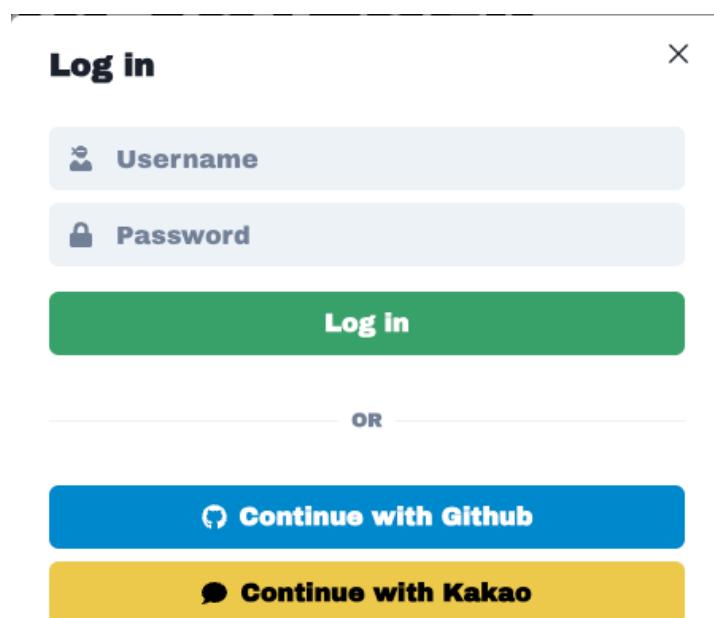


The image shows a 'Sign Up' modal window. At the top left is the title 'Sign Up' and at the top right is a close button 'X'. Below the title are four input fields: 'Name' (with a person icon), 'Email' (with an envelope icon), 'Username' (with a user icon), and 'Password' (with a lock icon). A large green 'Sign up' button is centered below these fields. Below the button is the word 'OR'. At the bottom are two social media sign-in buttons: a blue one for 'Continue with Github' and a yellow one for 'Continue with Kakao'.

[Main Function]

- By entering name, email, username, password, and click the sign up button, you can sign up and may get the alert message.
- Check each field duplicate: Prevent duplication of each item.
- Social Login is just for design. It doesn't have real function to sign up.
- If user clicks [x] icon, the modal is closed.

B. Log In Modal



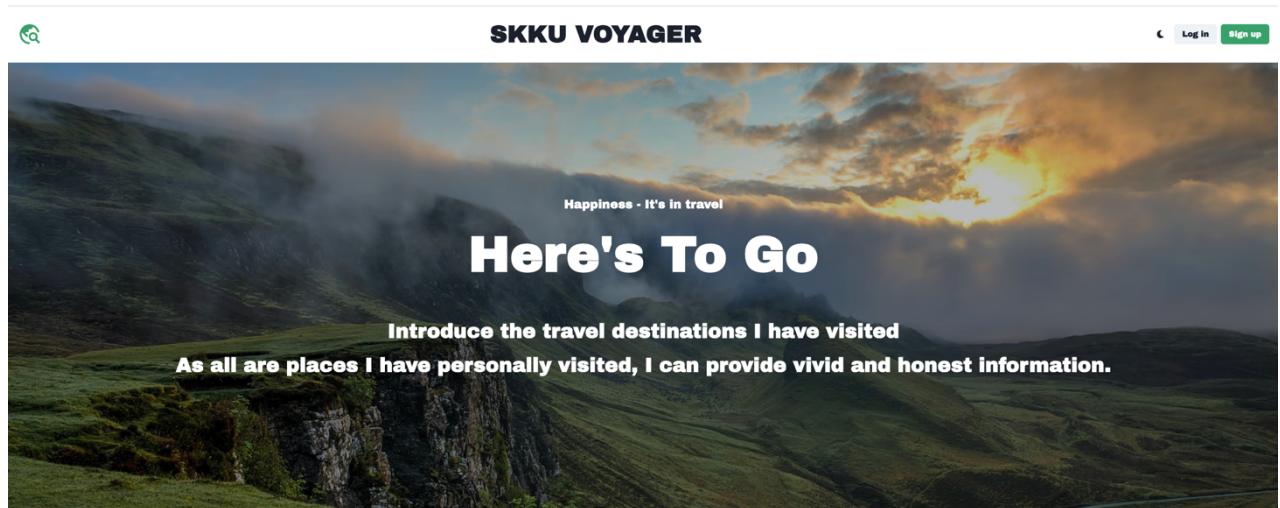
[Main Function]

- By entering username, password, and click the log in button, you can log in and may get the alert message.
- Check each field is in the database.
- Social Login is just for design. It doesn't have real function to log in.
- If user clicks [x] icon, the modal is closed.

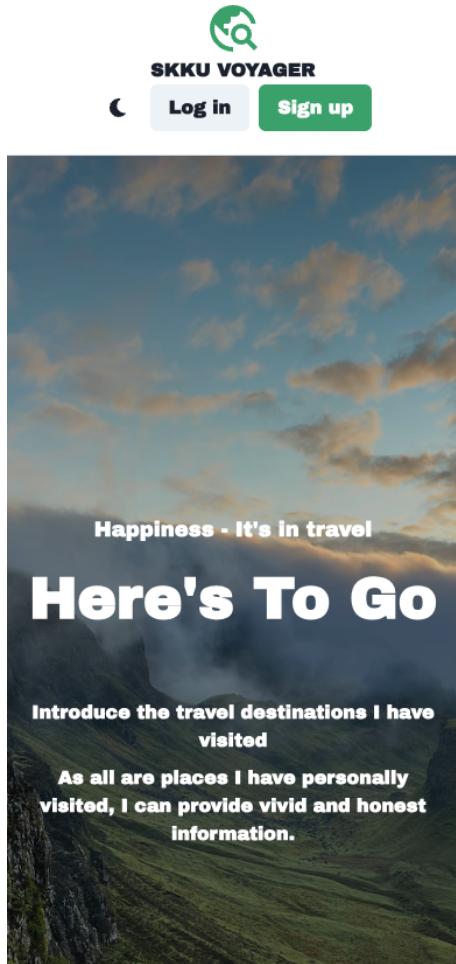
C. Main Page

- Main page is divided into 2 parts
 - 1) Introducing the website
 - 2) List of countries which I introduce
- 1) Introduce the website

<Desktop version>



<Mobile Version>



[Main Function]

- Light & dark mode change button, Log in button, Sign up button, Logo, website title : Header
- Change the light & dark mode. The default is light mode, but if click the moon icon button, pages go to dark mode. So, the background becomes black, words become white and icon becomes sun.
- Log In Button: When click the button, [B. Login Modal] appears in the middle of the website screen.
- Sign Up Button: When click the button, [A. Signup Modal] appears in the middle of the website screen.
- When click the website logo in the top left corner or website title in the top center, go to main page.

- Website introduce part: Background of image and introduce about website.

1) Introduce the website

<Desktop View>

List of Country



Cebu
From South Korea : 5h




Danang
From South Korea : 5h




Queenstown
From South Korea : 12h




Shanghai
From South Korea : 2h


location:3000countries/4

<Mobile View>

List of Country



Cebu

From South Korea : 5h



Queenstown

From South Korea : 12h



Danang

From South Korea : 5h



Shanghai

From South Korea : 2h



[Main Function]

- The main screen fetches all destinations from the database. Each destination template on the main screen includes a thumbnail image, the name of the destination, the flight duration from Korea, and the flag of each country.
- These cards are for each destination, and clicking on a card takes you to a page with detailed information about that destination
- Now, in Database, there are 4 destinations, Cebu, Danang, Queenstown, Shanghai.

D. Detail Page

<Desktop View>



SKKU VOYAGER

Log in Sign up

Cebu



**Photos taken by me

Description
Cebu, located in the Philippines, is a tropical paradise blending rich historical heritage with stunning natural beauty. From the white sandy beaches of Mactan Island to the historic streets of Cebu City, which showcase Spanish colonial architecture and landmarks like the Basilica del Santo Niño, Cebu offers a diverse range of experiences. Nature enthusiasts can explore the Tumalog Falls and the sardine run in Moalboal, while adventure seekers can enjoy canyoning in the Kawasan Falls. Cebu's vibrant culture, delicious cuisine, and warm hospitality make it a captivating destination for all types of travelers.

Best months to travel November ~ June	Language Cebuano	Theme Nature & Water Activity
Avg Flight Price \$307	Flag 	Rating 

Enjoy



Nature & Water Activity

1.Oslob Cebu: A Whaleshark Adventure
Oslob in Cebu offers an unforgettable experience with gentle giants of the sea, where you can swim alongside the majestic whalesharks in their natural habitat. A must-visit for marine enthusiasts and adventure seekers.



History & Culture

2.Cebu's Hidden Gem: Exploring the Leah Shrine
The Leah Shrine is an attractive tourist spot located in Cebu, Philippines, reflecting the history and culture of the Spanish colonial era through its ancient ruins. It offers visitors a unique historical experience, blending its past religious significance with its current stunning architectural features.



Nature & Viewing

3.Cebu's Floral Wonder: Sirao Garden
Sirao Garden in Cebu is a picturesque floral paradise, showcasing a blend of European-inspired designs and a vibrant array of local flowers. This enchanting spot offers a serene and colorful escape amidst nature's beauty.



Extreme Activity

4. Cebu's Thrilling Escape: Canyoning Tour

Embark on an exhilarating journey through Cebu's rugged canyons, where crystal-clear waters and breathtaking natural landscapes await. This canyoning tour offers a thrilling blend of adventure and natural beauty, perfect for adrenaline seekers and nature enthusiasts.



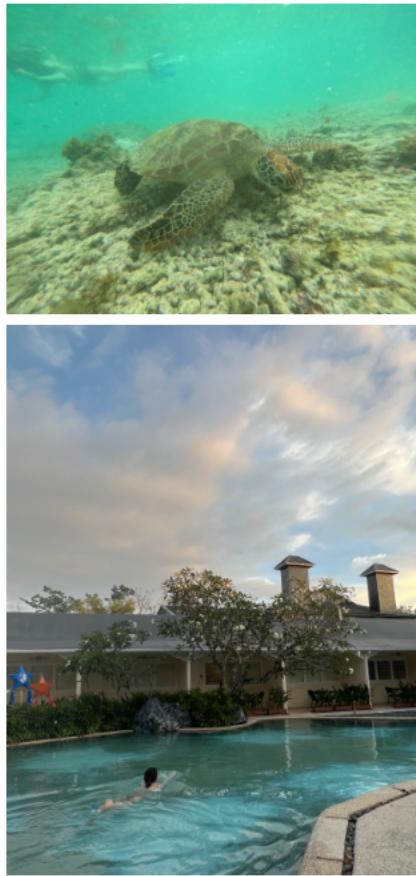
Nature & Water Activity

5. Cebu's Underwater Splendor: Moalboal Snorkeling

Dive into the vibrant underwater world of Moalboal in Cebu, renowned for its crystal-clear waters and rich marine life. This snorkeling adventure offers a mesmerizing glimpse of colorful coral reefs and a diverse array of sea creatures, making it a paradise for you.

<Mobile View>

Cebu



Description

Cebu, located in the Philippines, is a tropical paradise blending rich historical heritage with stunning natural beauty. From the white sandy beaches of Mactan Island to the historic streets of Cebu City, which showcase Spanish colonial architecture and landmarks like the Basilica del Santo Niño, Cebu offers a diverse range of experiences. Nature enthusiasts can explore the Tumalog Falls and the sardine run in Moalboal, while adventure seekers can enjoy canyoning in the Kawasan Falls. Cebu's vibrant culture, delicious cuisine, and warm hospitality make it a captivating destination for all types of travelers.

Best months to travel

November ~ June

Language

Cebuano

Theme

Nature & Water Activity

Avg Flight Price

\$307

Flag



Rating

★ 4

Enjoy



Nature & Water Activity

1.Oslob Cebu: A Whaleshark Adventure

Oslob in Cebu offers an unforgettable experience with gentle giants of the sea, where you can swim alongside the majestic whalesharks in their natural habitat. A must-visit for marine enthusiasts and adventure seekers.



History & Culture

2.Cebu's Hidden Gem: Exploring the Leah Shrine

The Leah Shrine is an attractive tourist spot located in Cebu, Philippines, reflecting the history and culture of the Spanish colonial era through its ancient ruins. It offers visitors a unique historical experience, blending its past religious significance with its current stunning architectural features.

<Omission...>

[Main Function]

- This page provides a detailed introduction to each destination.
- All information is fetched from the database through the backend.
- At the very top, the name of the destination is displayed, followed by five photos I took myself. On mobile screens, the photos are shown one by one without a grid format.
- Below that is the Description part, which provides a detailed explanation of the destination, and below that, various keyword information about the destination is displayed in a 2x3 grid pattern. On mobile screens, this information is shown sequentially without a grid.
- Further down, places worth visiting at the destination are shown. Connected to the backend, Spots associated with each destination are fetched and presented in a board

format. On PC screens, the photos and content are aligned horizontally, but on mobile screens, they are aligned vertically. Each board includes the theme of the Spot, its name, and detailed information.

3. Database with AWS RDS(MySQL)

The screenshot shows the AWS RDS console for a database named "skku-voyager-mysql".

Summary Tab:

DB identifier	Status	Role	Engine
skku-voyager-mysql	Available	Instance	MySQL Community
CPU 2.74%	Class db.t3.micro	Current activity 0 Connections	Region & AZ ap-northeast-2a

Connectivity & security Tab:

Endpoint & port	Networking	Security
Endpoint skku-voyager-mysql.c7dmebjbddje.ap-northeast-2.rds.amazonaws.com	Availability Zone ap-northeast-2a	VPC security groups skku-voyager-rds-security (sg-065ec82c302c94126) Active
Port 3306	VPC vpc-024683bce9f8b9de4	Publicly accessible Yes
	Subnet group default-vpc-024683bce9f8b9de4	Certificate authority Info

- The database for our application is powered by MySQL, utilizing Amazon Web Services' Relational Database Service.