1. Goal and Summary

Objective

The goal of this project is to develop a web platform where users can write reviews, share, and interact with destinations around the world. This allows users to get useful information about their destinations, communicate with others, and share their travel experiences.

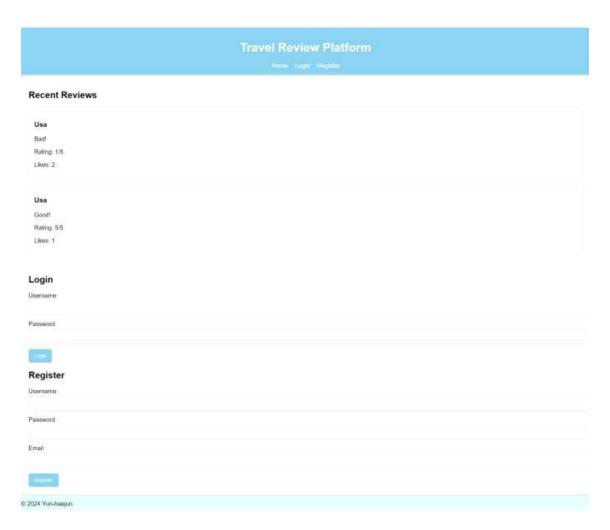
Summary

The travel review platform includes user authentication, profile management, review writing and inquiry, search capabilities, and likes for reviews. The platform was developed using PHP, MySQL, HTML, CSS, and JavaScript. The website applies a responsive design to provide an optimal user experience on a variety of devices.

2. Wireframes

Travel Review Platform				
	Home	Login	Register	
Recent Reviews				
Usa				
Bad!				
Rating: 1/5				
Likes: 2				
Usa				
Good!				
Rating: 5/5				
Likes: 1				
Login				
Username				
Password				
Register				
Username				
Password		·		
Email		·		

3. Screenshots of the Pages



```
5. Major Code Description
Database Connection - config.php
<?php
$servername"localhost";
$username"root";
$password"";
$dbname"travel review platform";
$connnew mysqli($servername, $username, $password, $dbname);
if($conn->connect_error) {
    die("Connection failed: ".$conn->connect_error);
}
?>
This is the code that establishes a connection to the MySQL database. It uses the
mysqli object to connect to the database server, and if the connection fails, it
outputs an error message.
Displaying Reviews and Like Count - index.php
<?php
include 'config.php';
$query"SELECTreviews.*, COUNT(likes.id) ASlike_count
         FROMreviews
         LEFT JOINlikes ONreviews.id =likes.review_id
         GROUP BYreviews.id
         ORDER BYreviews.created_at DESC
         LIMIT 5";
$resultmysqli_query($conn, $query);
echo "<h2>Recent Reviews</h2>";
while($reviewmysqli fetch assoc($result)) {
   echo "<div class='review'>";
    echo "<h3>".$review['title'] ."</h3>";
    echo "".$review['content'] ."";
    echo "Rating: ".$review['rating'] ."/5";
    echo "Likes: ".$review['like_count'] ."";";
    if(isset($_SESSION['user_id'])) {
        echo "<form action='process.php?action=like' method='post'>";
        echo "<input type='hidden' name='review_id' value='".$review['id']</pre>
"">"
```

```
echo "<button type='submit'>Like</button>";
    echo "</form>";
}
echo "</div>";
}
```

This code displays recent reviews, calculates the number of likes for each review. Use LEFT JOIN to join the likes and reviews tables, and calculates the number of likes for each review as a COUNT function.

Like Functionality - process.php

This code is the logic that runs when a user clicks Like on a review. Insert the user ID and review ID into the likes table to record the likes.

6. Conclusion

This project allowed me to practice developing web applications using PHP and MySQL while building a travel review platform. By implementing user authentication, profile management, review writing and inquiry, search function, and review likes, we created a website that can be used in practice. Based on what we learned from this project, we were able to lay the foundation for developing more complex and functional web applications.

7. GitHub

https://github.com/Yoon-HaeJun/Travel-Review-Platform