UNIVERSITI MALAYSIA TERENGGANU

FACULTY OF COMPUTER SCIENCE AND MATHEMATICS

CSM3103 - FRONT-END PROGRAMMING (K1)

INDIVIDUAL ASSIGNMENT

PROJECT REPORT

MOBILE APPLICATION: INSPIRA

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SEMESTER II 2023/2024

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INTRODUCTION

Welcome to Inspira, the innovative mobile app designed to unlock your creative potential and immerse you in the breathtaking beauty of nature. Inspired by the popular platform Pinterest, Inspira offers a unique and enhanced experience, allowing you to explore, organize, and share captivating images effortlessly.

With Inspira, discovering inspiration has never been easier. Dive into a world of stunning visuals featuring forests, mountains, sunsets, sunrises, and oceans. Our intuitive interface and smart algorithms ensure that the nature-themed content you find is always relevant and awe-inspiring.

Inspira lets you save and categorize your favorite discoveries into beautifully designed boards, making it simple to revisit and share your inspirations with others. Whether you're planning a nature-inspired project, gathering ideas for a serene getaway, or simply exploring the beauty of the natural world, Inspira helps you keep everything organized and accessible.

For creators, Inspira provides a vibrant platform to showcase your talents and reach a broad audience. Upload your own photos and videos of nature's splendor to inspire others and connect with a community of like-minded individuals who share your passions. Engage with followers, collaborate on projects, and build a network of inspiration.

Upgrade to Inspira Premium to enjoy exclusive benefits like ad-free browsing, advanced content analytics, and early access to new features. Elevate your experience and unlock the full potential of Inspira with our premium offering.

Join Inspira today and embark on a journey of endless creativity. Whether you're seeking new ideas, sharing your own nature-themed creations, or connecting with a passionate community, Inspira is your ultimate destination for inspiration and creativity.

PROBLEM STATEMENT

1. Scattered Sources of Inspiration: Many individuals interested in nature photography or seeking inspiration from natural landscapes often find themselves searching across multiple platforms or websites to discover relevant content. This scattered approach can be time-consuming and frustrating, leading to a need for a centralized platform where users can easily access a wide variety of nature-themed images and videos.

2. Lack of Personalization: Existing platforms may not offer sufficient personalization options tailored specifically to nature enthusiasts. Users may encounter irrelevant content mixed in with their desired nature-themed content, making it challenging to find inspiration that truly resonates with their interests. This lack of personalized recommendations can hinder the user experience and limit the potential for discovering new and captivating nature-related ideas.

3. Limited Community Engagement: While there are platforms for sharing nature photography and connecting with like-minded individuals, they may lack robust community engagement features. Users may struggle to interact with other nature enthusiasts, share their own experiences and insights, or collaborate on projects effectively. As a result, there is a need for a platform that fosters a vibrant and supportive community centered around the beauty and wonder of nature, encouraging meaningful interactions and collaborations among users.

OBJECTIVES

1. Curate a Diverse Collection of Nature-Themed Content: Gather and showcase a wide range of high-quality images and videos capturing the beauty of nature, including forests, mountains, sunsets, sunrises, and oceans. Ensure that the content is diverse, engaging, and relevant to the interests of nature enthusiasts.

2. Empower Content Creators: Provide a platform for photographers, videographers, and other content creators to showcase their nature-themed work and reach a wider audience. Offer tools and resources to help creators enhance their visibility, grow their following, and monetize their content if desired.

3. Maintain High Quality and Integrity: Uphold standards of quality and authenticity by vetting and curating content to ensure that only relevant and credible nature-themed material is featured on the platform. Implement measures to prevent the spread of misinformation or inappropriate content.

4. Personalize the User Experience: Utilize advanced algorithms and user preferences to deliver personalized recommendations tailored to each user's interests in nature. Provide tools for users to customize their feeds, discover new content, and organize their inspirations into curated collections or boards.

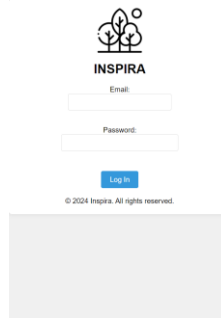## APP EXPLANATION

1. Log In Page:

Diagram 1

- Based on *Diagram 1,* users are required to log in to their account first before using the mobile application, *Inspira.*
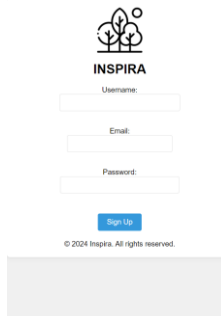
2. Sign Up Page:

Diagram 2

- Based on *Diagram 2,* users are required to sign up to create their account before able to log in to the application.
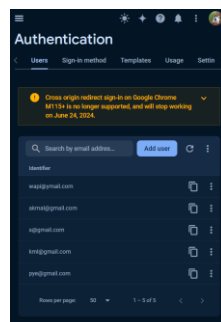
3. Firebase:

Diagram 3

- Based on *Diagram 3,* the firebase shows the data from the signing up process are kept. It shows this application are connected to firebase.

4. Home Page:

Diagram 4

- Based on *Diagram 4,* it shows the homepage of the application. There are navigation bar, and four contents shown in the homepage.

5. Gallery Page (mountain, forest, sunset, sea):

Diagram 5

- Based on *Diagram 5,* it shows one of the contents from the homepage. In this application, there are four main contents which are, mountain, forest, sunset and sea gallery. In this diagram, it shows the forest gallery.
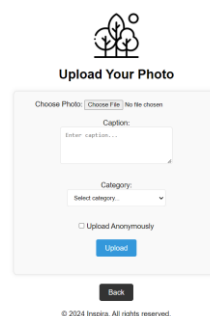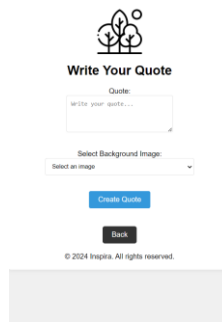
6. Upload Page:

Diagram 6

- Based on *Diagram 6,* users are able to upload their own pictures of mountain, forest, sunset or sea into the application by its category.

7. Quote Page:
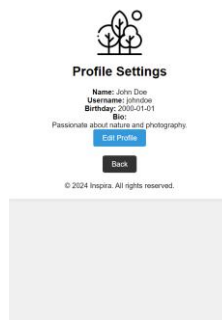
Diagram 7

- Based on *Diagram 7,* users are also able to create quote. They can use the pictures from this application as background of the quotes.

8. Profile Page:

Diagram 8

- Based on *Diagram 8,* users are able to update their profile such as name, username, birthday and also edit their bio.

LINK TO GITHUB

https://github.com/akmalyeng/CSM3103IndividualAssignment

SLIDE PRESENTATION

https://www.canva.com/design/DAGJdlGv2Ww/OE9jrRn4bQ4u4Ywvbfvwfw/edit?utm_content=DAGJdlGv2Ww&utm_campaign=designshare&utm_medium=link2&utm_source=share button