

# Hello ! , it's me William.

## Mobile Application and Technology

Welcome to my portofolio, i'm currently a 4<sup>th</sup> semester student at Bina Nusantara university. Throughout my study, I've been involved in UI/UX, Front-End, and android application development. This portofolio showcases some of my best projects i've ever done, highlighting my skills, creativity, and the value I bring to projects while studying as a mobile developer student

### Contact Information

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## TYPE

Course Project

- Wearable Technology

Competition Project

- SoCS Hackathon 2023
- Top 10 Grand Finalist

## YEAR

2023

## ROLE

- Front End Developer
- UI/UX Designer
- Web Designer

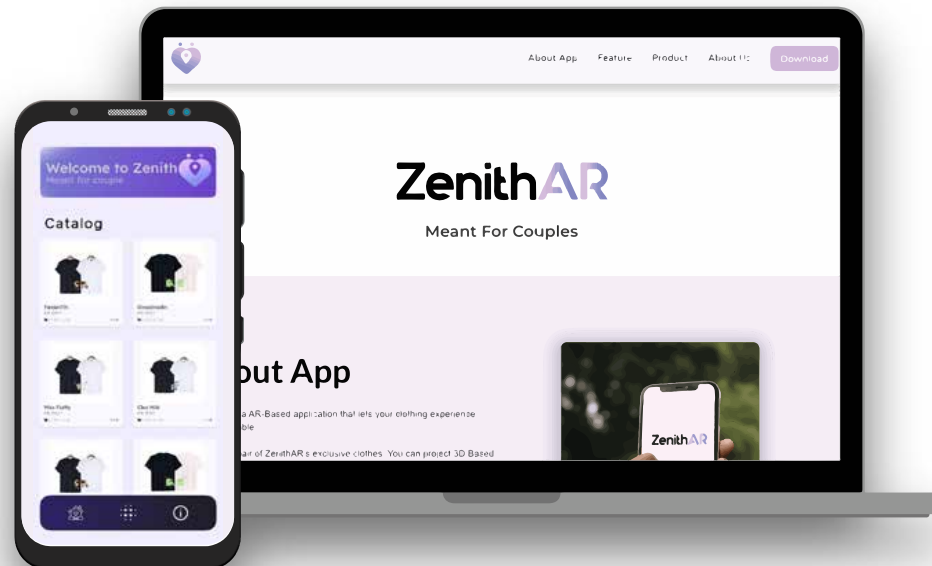
## DOCUMENTATION

- <https://github.com/mohHafidz/zenithAR>
- <https://zenithar.webflow.io/>

**ZenithAR** is a **Augmented Reality (AR)** mobile based application that's made with **Unity** Framework and **Vuforia SDK**. There's also a web landing page using **Webflow** that serves as the place to showcase (pitch presentation and youtube video) and download **ZenithAR**. ZenithAR is built to accommodate those who want to express their feeling with their partner in a deeper connection. The medium of the Augmented Reality model is a custom ZenithAR shirt that's already been registered by the app to show a unique **3D model** whenever the user uses the camera mode. The user could see our catalog product listed in the home page.

This project is one of the best because I learn so much about application development especially in AR/VR environment. This project also turns into a competition project which is guided by amazing coach and mentor throughout its development.

Upon its development, ZenithAR's purpose is to be a final project submitted for Wearable Technology course (Get a final score of 98 upon completion) and a Competition Project for SoCS Hackathon 2023 with an achievement of getting into the top 10 finalist as the best app for "Utilizing Artificial Intelligence for Sustainable Development Goals"



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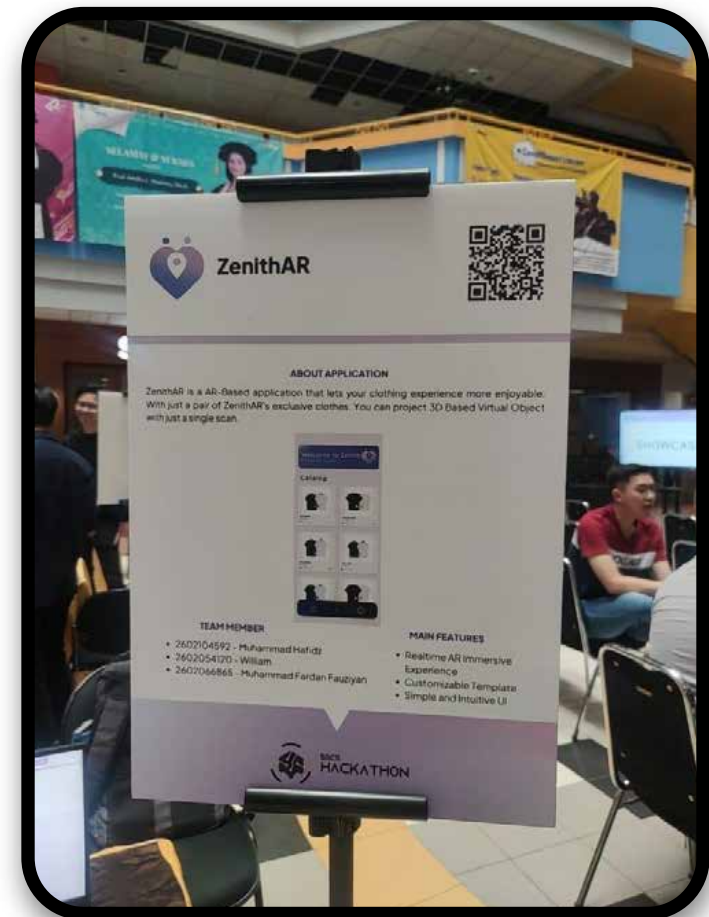
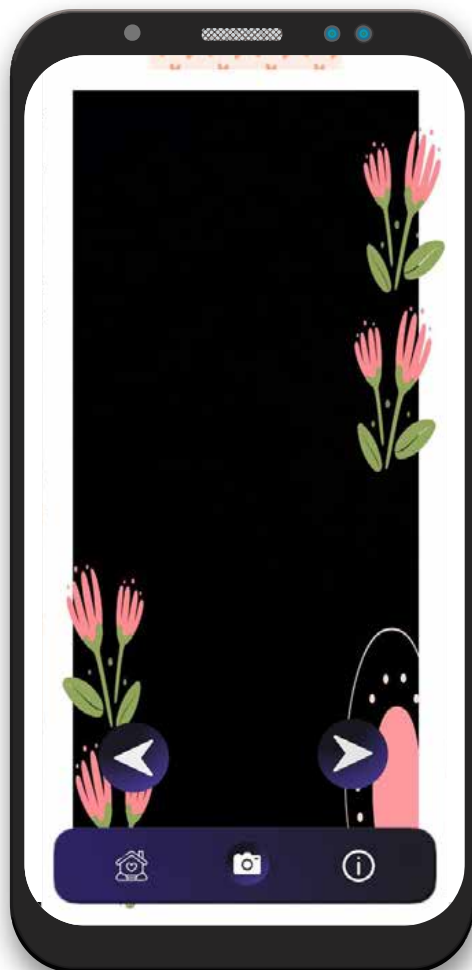
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# Flokemon

Project 2 of 5

## TYPE

Course Project  
Mobile Cloud Computing

## YEAR

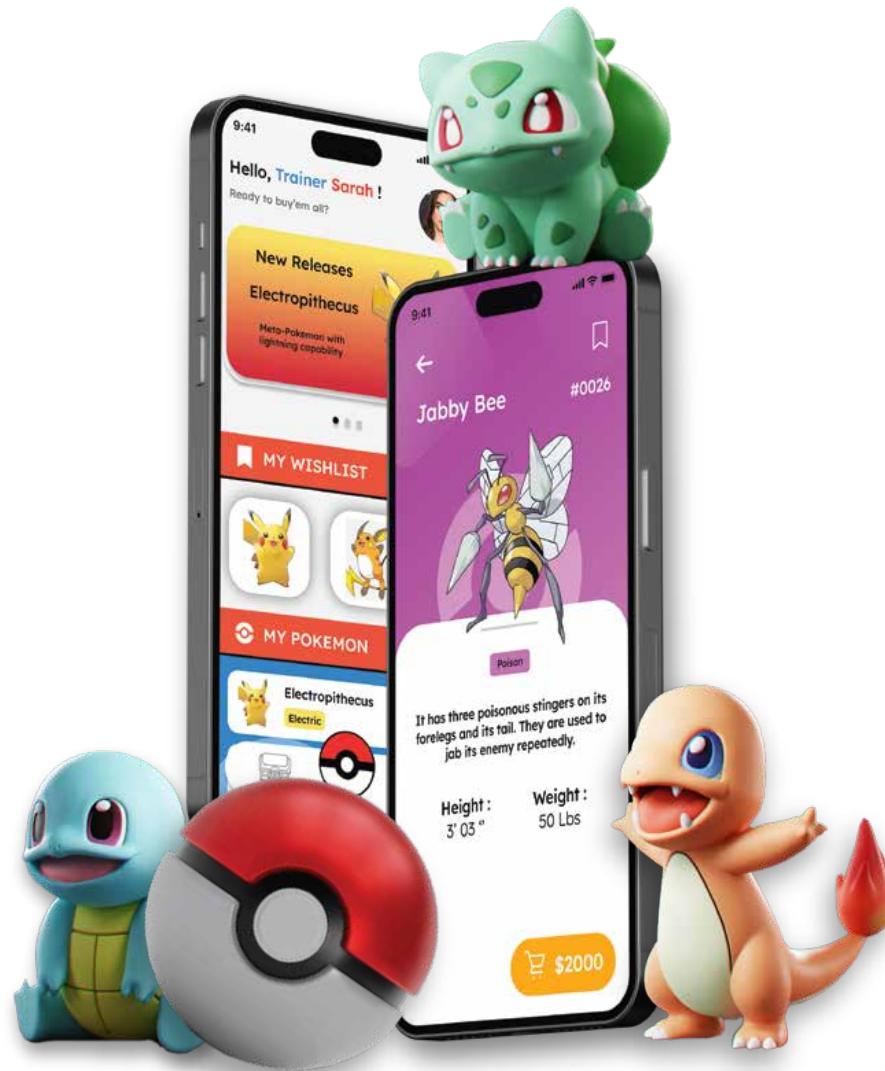
2023

## ROLE

- DB Designer
- UI/UX Designer
- Front-end Developer
- Back-end Developer

## DOCUMENTATION

- <https://github.com/ZyVoi/r/Project-MCC>



**Flokemon** is a Mobile Cloud Computing laboratory final project where we're required to create an application that curate and list a pokemon. The project was made using **Flutter** for front-end and **Node.js Express.js** as a back-end to manage REST API for **MySQL** DB's queries

In this application, user is able to register through the application or use the **Google Authentication** via **Google Cloud API**. This application features centralized DB that holds the pokemon, transaction and user information with complete CRUD capabilities.

This is one of the best project. Mainly because I learn a lot about app development as a whole (from front-end to backend and DB). Though the requirements of the app is quite high, but my team managed to pull through by managing each of our respective role well until the end.

**William.**

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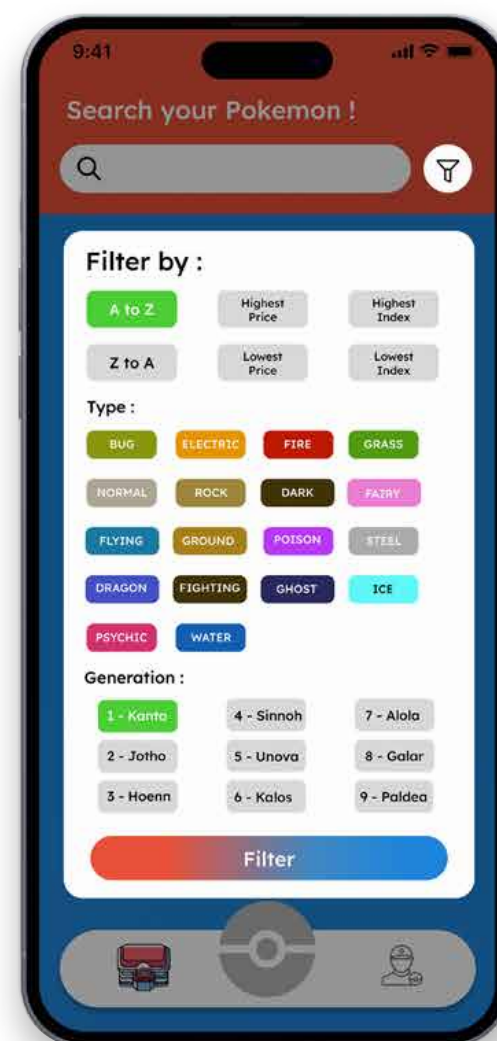
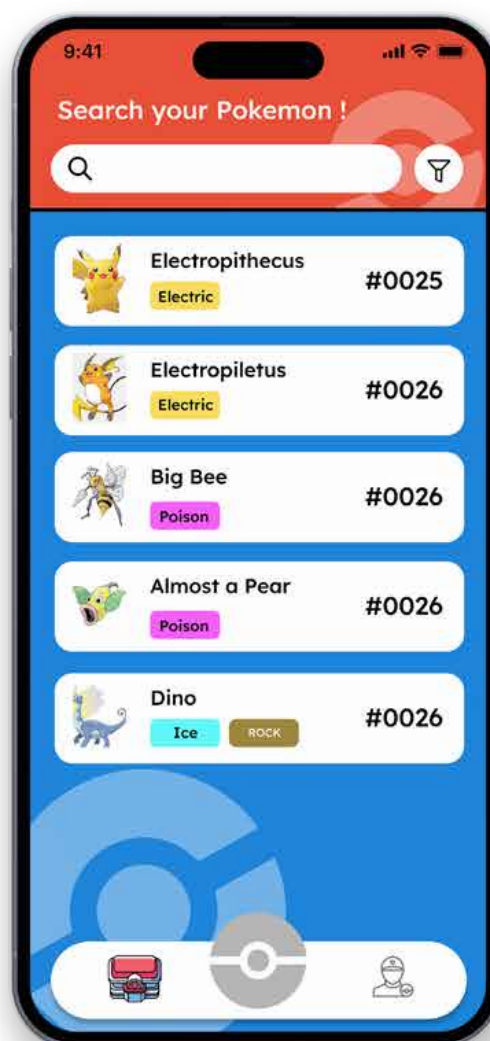
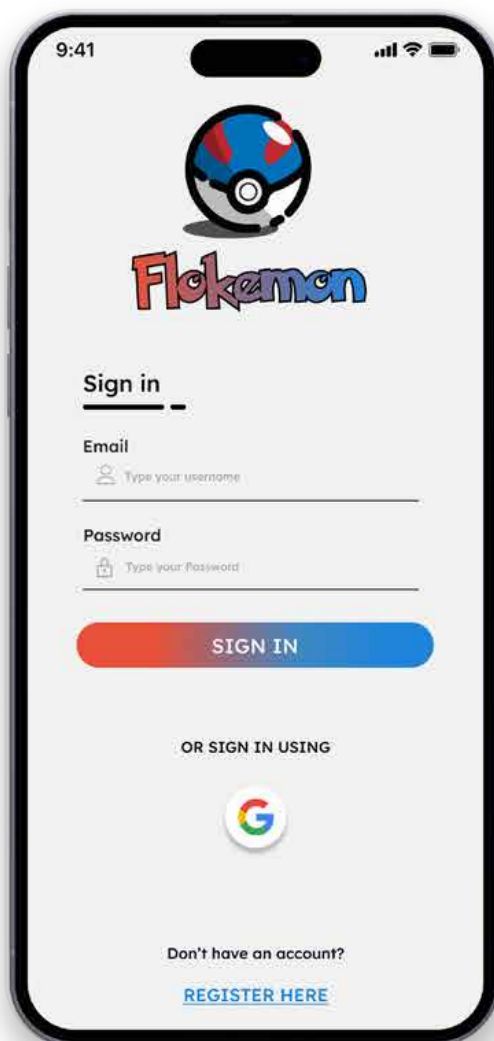
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## TYPE

Course Project  
Mobile Cloud Computing

## YEAR

2023

## ROLE

- UI/UX Designer
- Back-end Developer (Firebase)

## DOCUMENTATION

- <https://github.com/ZyVoi/r/EMart>



**EchoEpic** is a Mobile Cloud Computing lecture final project where we've decided to make an e-commerce android based app. The project was made using **Flutter** for front-end and **Firebase** as a BaaS (Backend as a Service)

In this application, user is able to register through the application or use the **Google Authentication** via **Firebase's Authentication**. This application uses Firebase's **Firestore Database** that holds the item, transaction and user information with complete CRUD capabilities and will listen to realtime changes whenever data gets updated.

In this project, I learn a lot about using Firebase as a cloud service and be able to produce a production level app where user could use our app. This project also taught me more about realtime data where our app could respond to changes in the Firebase's database.



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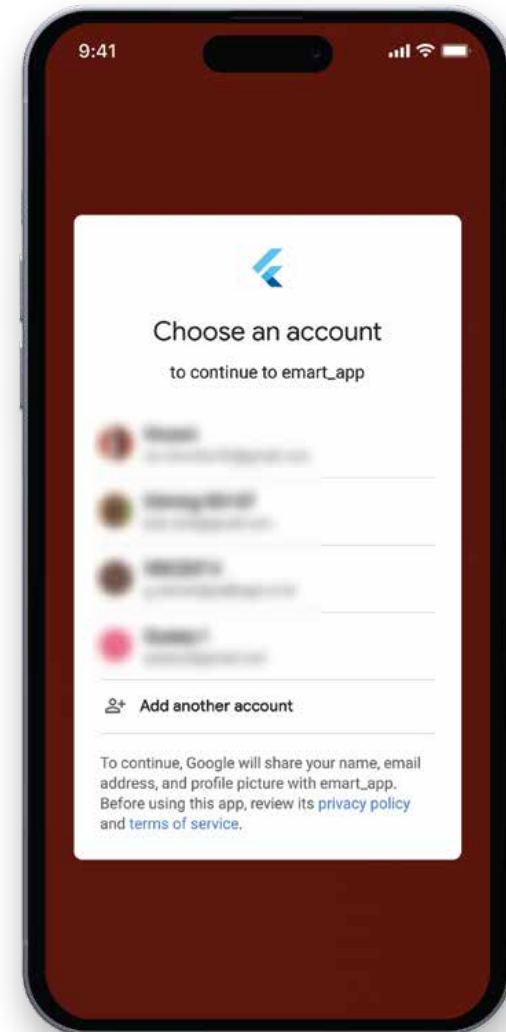
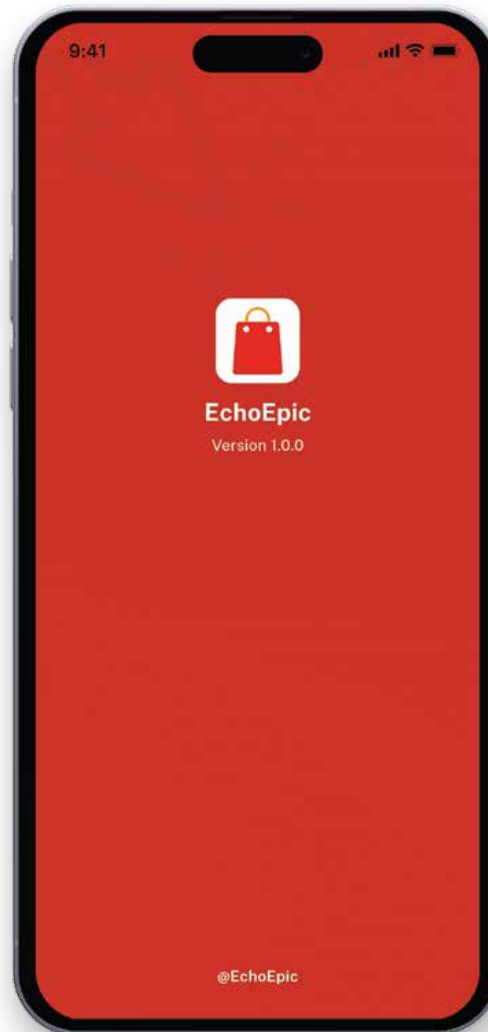
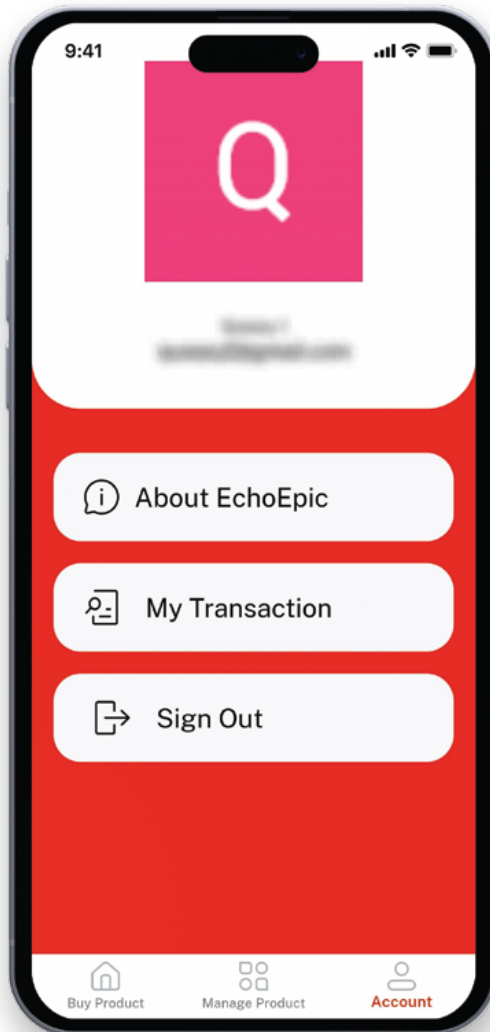
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**TYPE**

Course Project  
Human Computer Interaction

**YEAR**

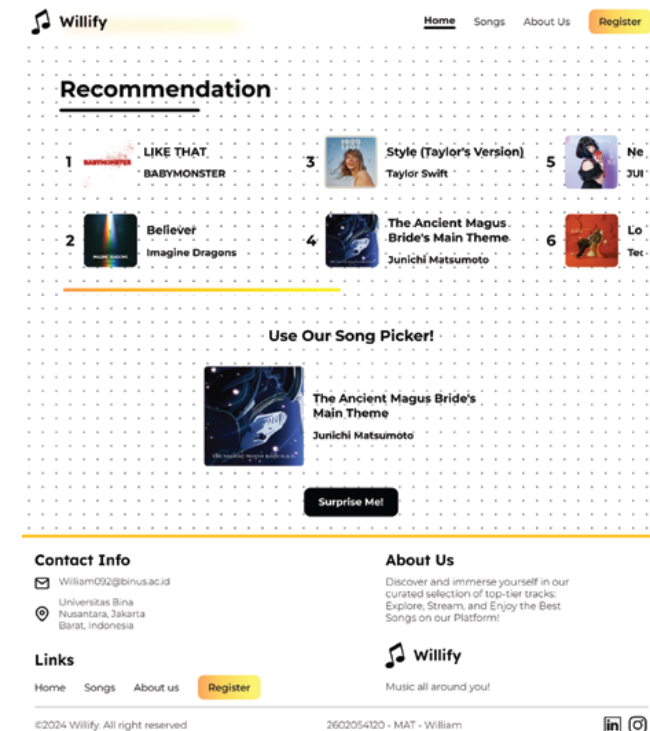
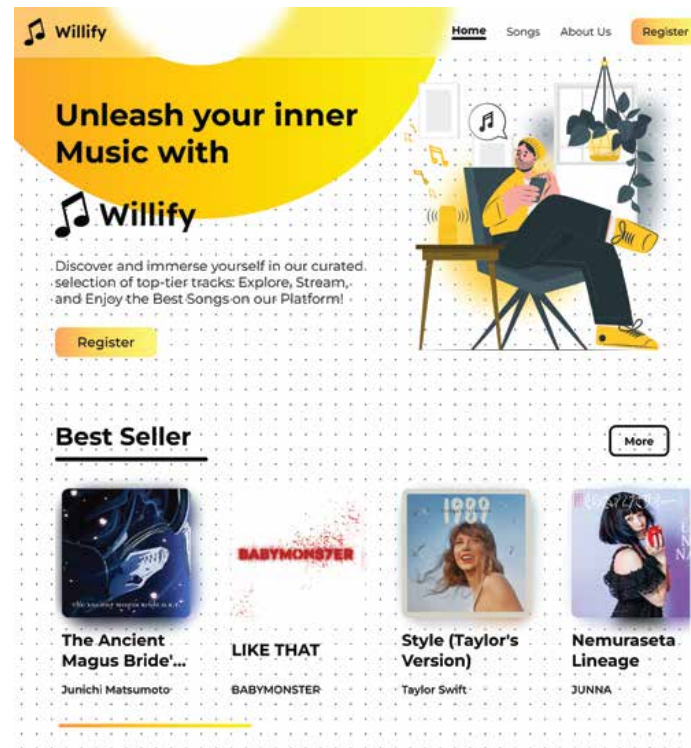
2024

**ROLE**

- UI/UX Designer
- Front-end Developer

**DOCUMENTATION**

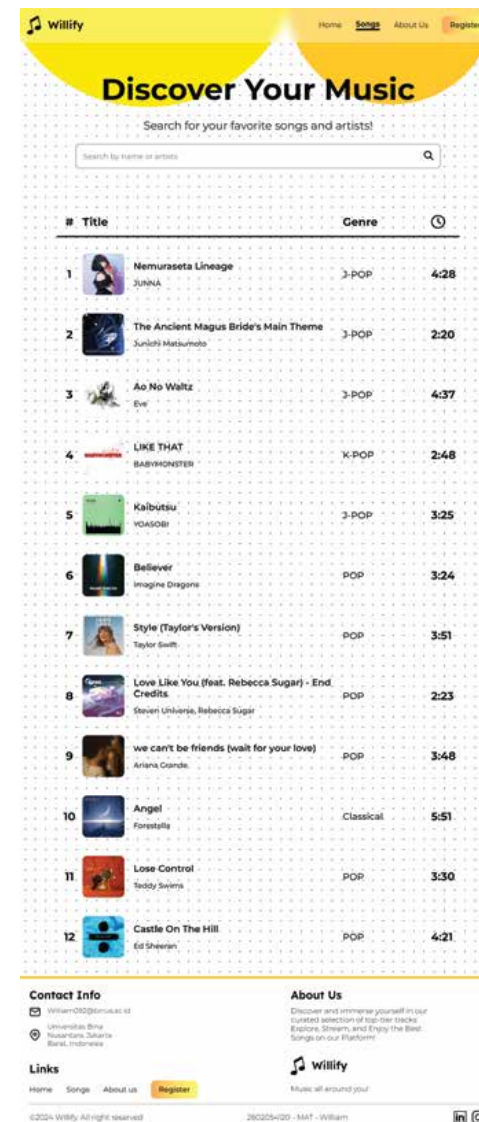
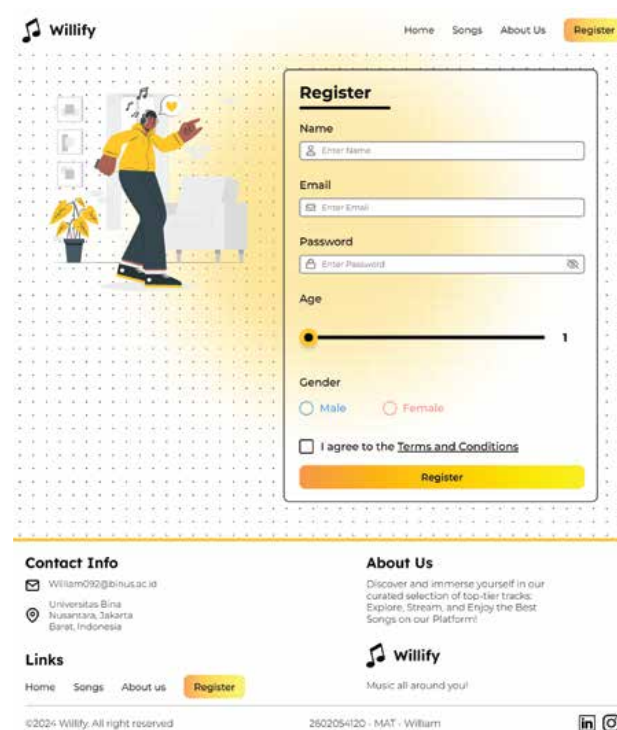
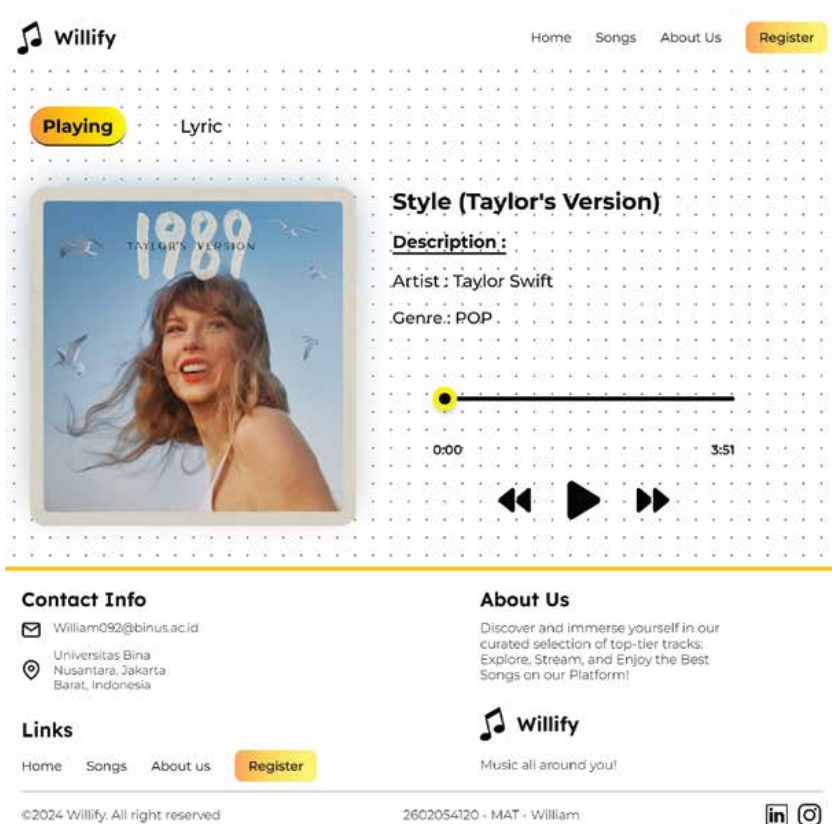
- <https://github.com/ZyVoi/Willify>



**Willify** is a Human Computer Interaction laboratory final project where i'm required to create a website design with **Figma** and built the web with vanilla **HTML**, **CSS** and **JavaScript**. The purpose of this project is to make a user-friendly and eye-pleasing website to accommodate user's need in music. Not only just the front-end, but the project handles the user registration and dynamic data through the use of JavaScript and **ES Modules**. By using ES Modules, the project can be break down to smaller JavaScript files which will handle certain types of scenario (page related or data related). The web also supports all kinds of screen sizes from laptop to smartphone.

Some of the Asset were self made using **Adobe Illustrator** and some was obtained in the web and third party resources. There's also a media asset which enable the user to play the music whenever the user choose a certain song (for educational purpose only).





Engaging in this project has significantly improved my understanding in web programming. I learn a lot about web development, and what it takes to create a good web app. Additionally, I have learned the importance of designing an intuitive and engaging user interface (UI) and user experience (UX), which are crucial for attracting and retaining users.

This also sparks a motivation in me to continue further hone my skill in web development. My current goal is to identify and master the most in-demand technical frameworks that are essential for meeting the needs of the tech industry.

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# Portfolio Website

## TYPE

Personal Project

## YEAR

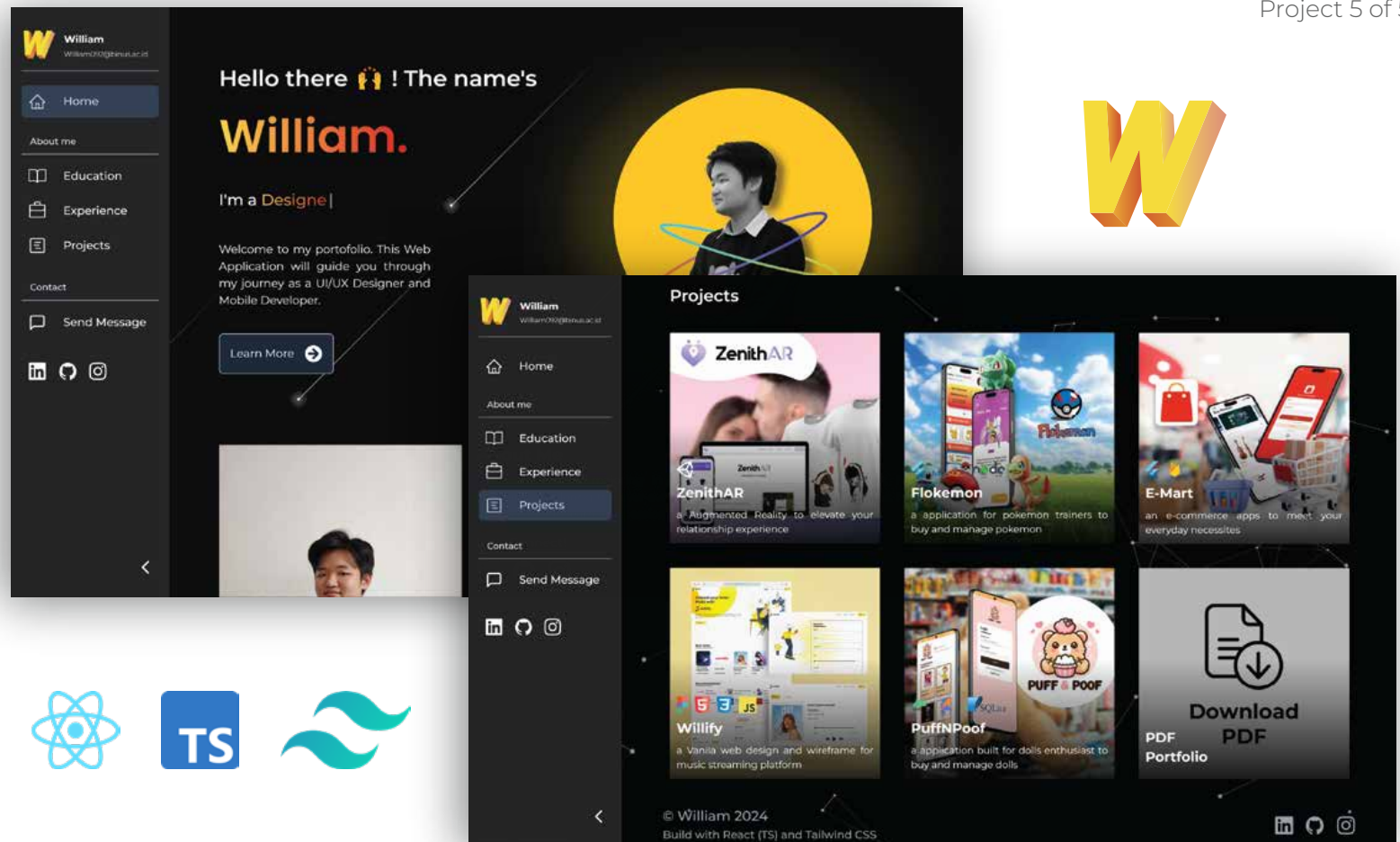
2024

## ROLE

- UI/UX Designer
- Front-end Developer

## DOCUMENTATION

- <https://github.com/ZyVoi/r/portfolio>
- <https://zyvoir.github.io/portfolio>



Project 5 of 5

This personal **website portfolio** is built to showcase my personal experience and archive all of my projects. The website is built using **React** and **Typescript** with the help of **Vite** for file configuration, **Tailwind CSS** for styling, other libraries for styling and utilities (**sonner**, **typewriter**, **particlejs**, **framer motion**, etc), and host it in the Github repo via **Github pages**. The website also features a send email by using **EmailJS** Library to send email.

This project helps me to expand my knowledge in web development. The way to implement all sorts of framework and library in order to make a pleasing web application. In the span of 5 days of development, I learn a lot about React and Tailwind CSS.

**William.**

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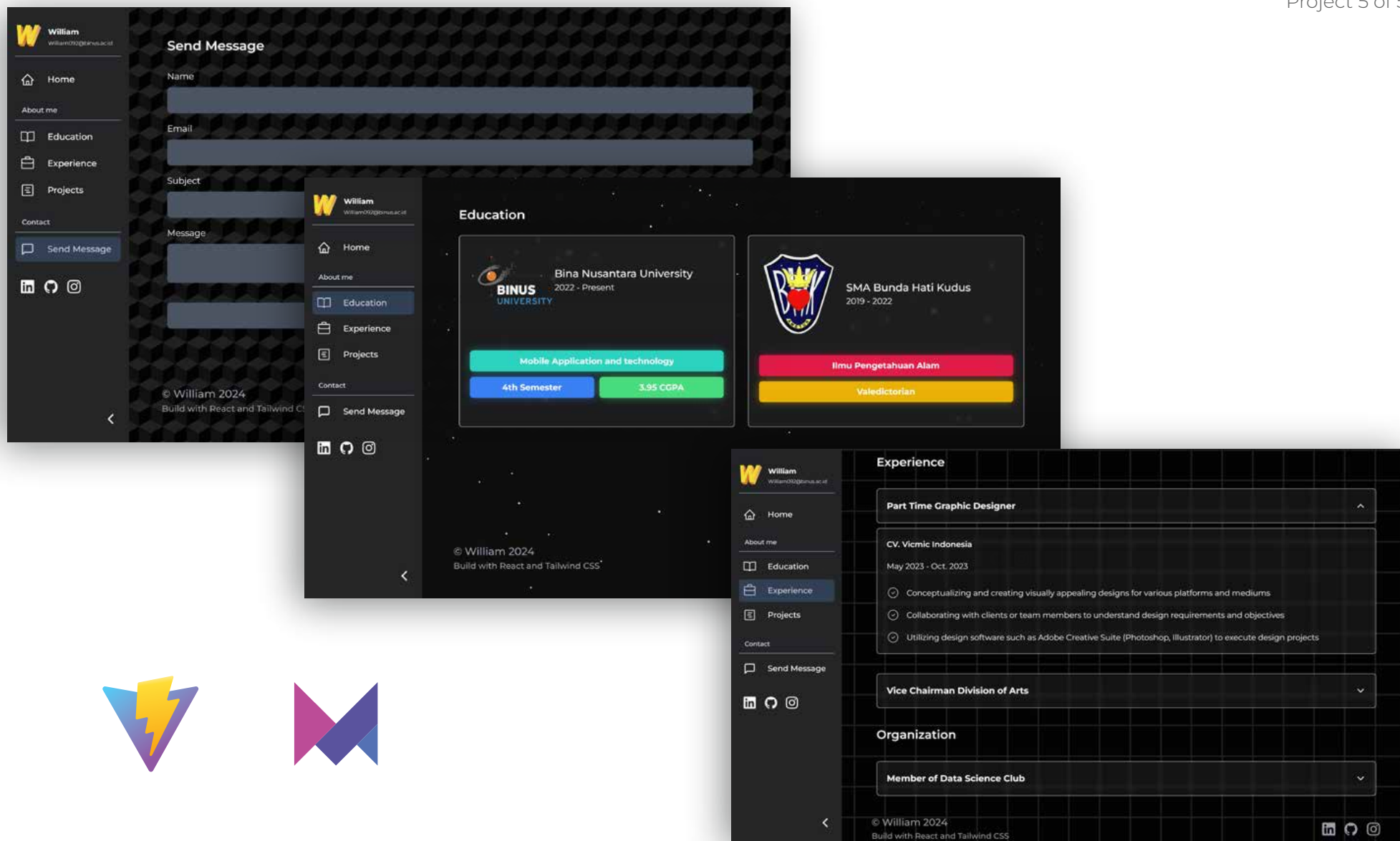
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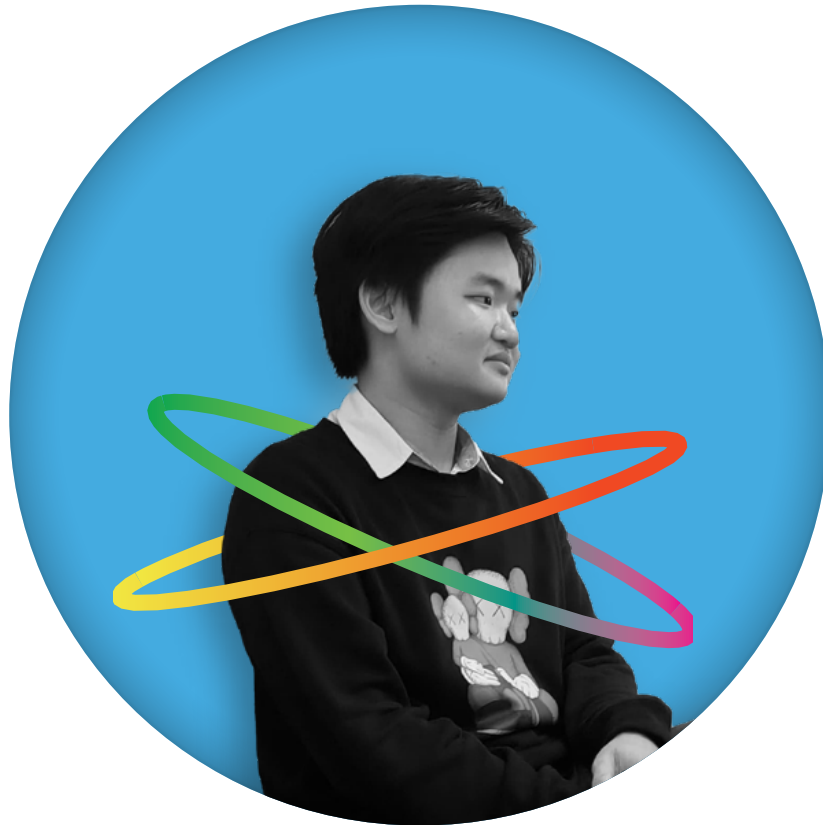
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# PORT FOLIO 2024

**Thank You !**  
**Terima Kasih !**

**William.**

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