Portfolio

Alifia Isti Fadhila

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Introduction

A student who has an **interest in Information Technology,** especially in **data processing, data analysis, data visualization, UI/UX design and website development**. Able to use Microsoft Excel, MySQL, NoSQL, Google Data Studio, Google BigQuery, Google Cloud, Google Spreadsheets, Figma and understand the use of programming languages such as Python, R, PHP, HTML and CSS.

Alifia Isti Fadhila

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Education

Universitas Pendidikan Indonesia   **2020 - present**
Undergraduate Student of Computer Science – GPA 3.59

SMAN 1 Majalaya   **2017 - 2020**
Mathematics and Natural Science

Organization

BEM KEMAKOM FPMIPA UPI – Bandung, Indonesia   **2021 - 2022**

Staff of the Divisional Communication, Technology and Information Bureau

- Become a leader and successfully organized journalistic training programs.
- Participated in various committees held by BEM KEMAKOM.
- Make several articles related to the results of program implementation work that was implemented by BEM KEMAKOM.

Organization Certificate (Click on text)

Skills

Programming Languages and Technologies

Python, MySQL, MongoDB, R, C, PHP, HTML. CSS, Javascript, CodeIgniter, Bootstrap.

Tools

Microsoft Office, Google BigQuery, Looker Studio, Google Colaboratory, Google Spreadsheets, Figma, RStudio, phpMyAdmin, Navicat, MongoDBCompass, Visual Studio Code, Google Cloud, Github, Trello.

Hard Skills

SQL Database, NoSQL Database, Data Processing, Data Mining, Data Cleaning, Data Analysis, Data Visualization, Web Development, UI/UX Design, Copywriting.

Soft Skills

Communication (Verbal and Non-verbal), Teamwork, Time Management, Adaptive, Problem Solving, Analytical Thinking.

Language Skills

Indonesian (Native), Sundanese (Native), English (Intermediate).

Projects

Data Visualization: Storytelling with Data COVID-19 in Singapore

Create a Visualization

Create a data visualization based on Covid-19 cases that occurred in Singapore in January 2020 – March 2020, in the form of a comparison visualization between new cases and newly discharged cases of Covid-19.
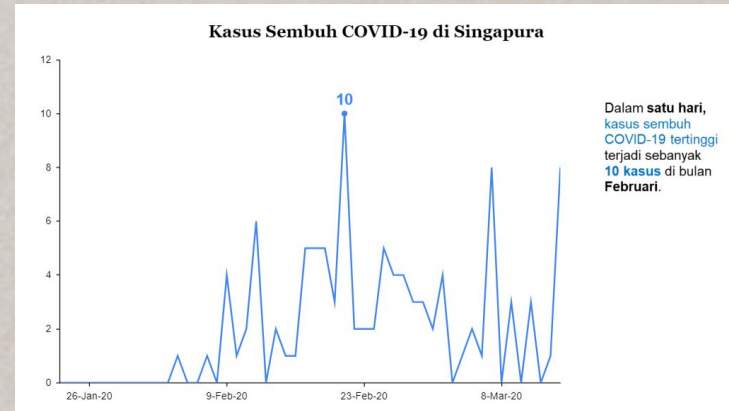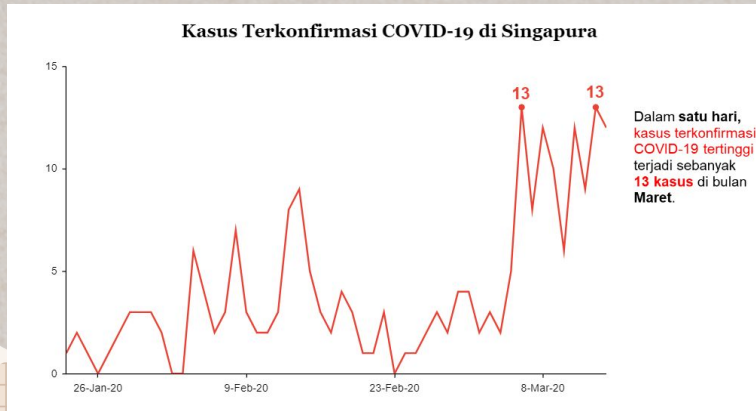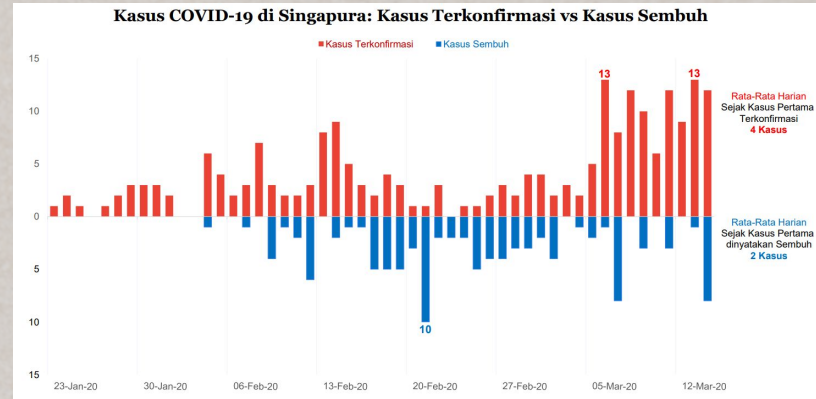
Implement Principles of Thoughtful Design

Implement principles of thoughtful design which makes the audience focus on the visualization and understands the meaning of the visualization to make the audience get important information from the case study.

Data Visualization: Storytelling with Data COVID-19 in Singapore

Kasus COVID-19 di Singapura: Kasus Terkonfirmasi vs Kasus Sembuh

Rata-Rata Harian Sejak Kasus Pertama Terkonfirmasi **4 Kasus**

Rata-Rata Harian Sejak Kasus Pertama dinyatakan Sembuh **2 Kasus**

Kasus Terkonfirmasi COVID-19 di Singapura

Dalam **satu hari**, kasus terkonfirmasi COVID-19 tertinggi terjadi sebanyak **13 kasus** di bulan **Maret**.

Kasus Sembuh COVID-19 di Singapura

Dalam **satu hari**, kasus sembuh COVID-19 tertinggi terjadi sebanyak **10 kasus** di bulan **Februari**.

Data Analysis and Visualization of Student Data

Analyzing and Visualizing

Analyzing data and visualizing student data, especially data enthusiasts from the Department of Computer Science Education at UPI and data from Computer Science students at UPI participating in MBKM activities in 2021-2023.

Source Data

Obtain data from the internal quality audit instrument of the Computer Science study program at UPI and participate in the process of cleaning the data and create visualizations using Google Data Studio.

Created an Interactive Visualization

Successfully created an interactive visualization in the form of dashboard students which contains information about the number of interested students in the Department of Computer Science Education and the number of Computer Science students participating in the MBKM program, so as to show trends in students.

Data Analysis and Visualization of Student Data

Dashboard Visualization (Click on text)

Food Ordering Website Development

Create a Website

Create a food ordering website using CodeIgniter 3 framework, PHP, HTML, CSS and MySQL
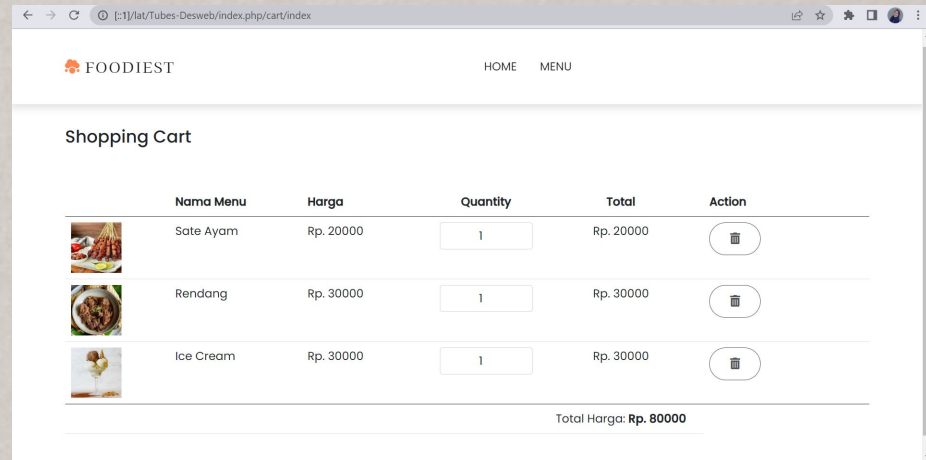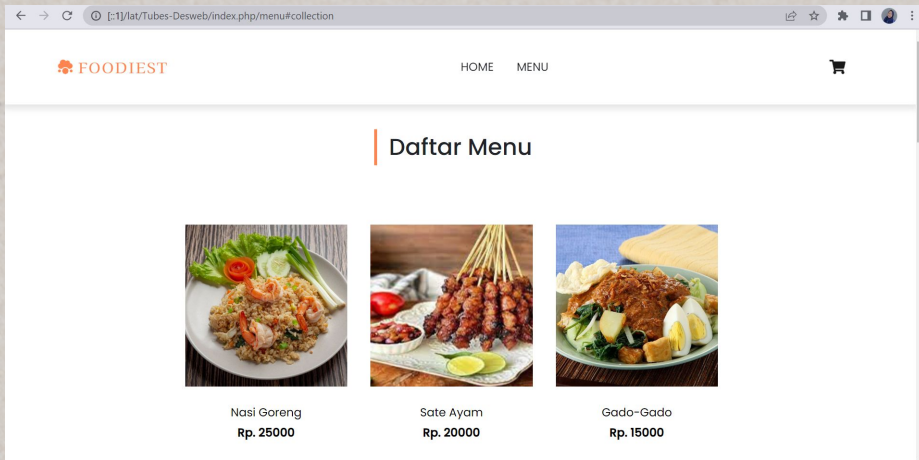
Use Database MySQL

Use database MySQL for storing and retrieving restaurant menu data.

Using Github

Using Github for collaboration in creating websites, storing and managing program code.

Food Ordering Website Development

Source Code (Click on text)

Food Ordering Website Development using MongoDB

Create a Website

Create a food ordering website using PHP, HTML, CSS as well database NoSQL integrated using MongoDBCompass.
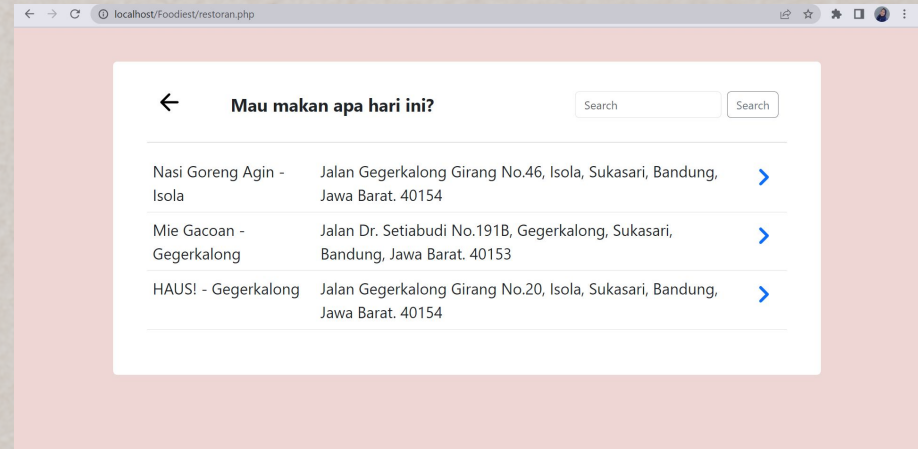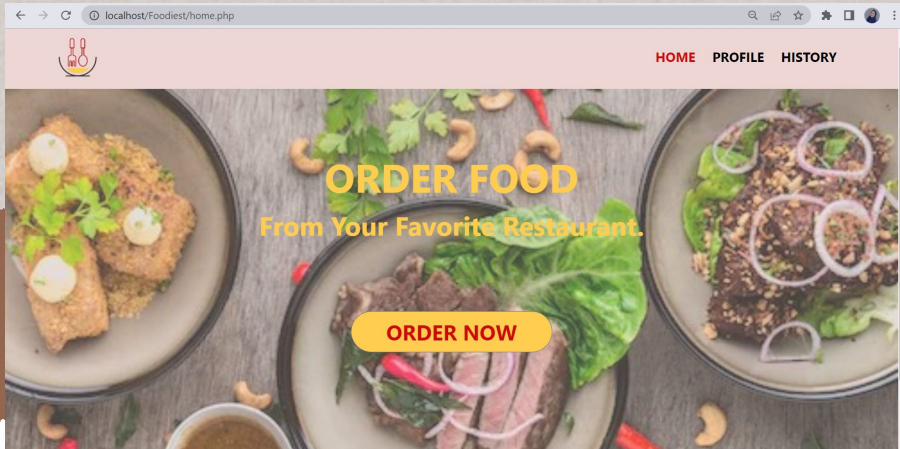
Use Database NoSQL

Use database NoSQL to store and retrieve restaurant menu data and user data.

Create a Wireframe Website

Create a wireframe website that contains interface designs for each of the features available using Figma.
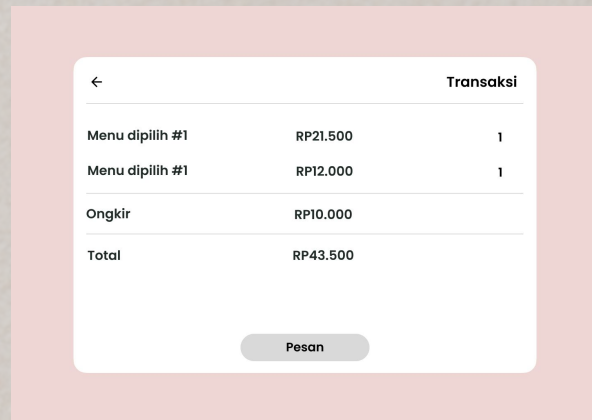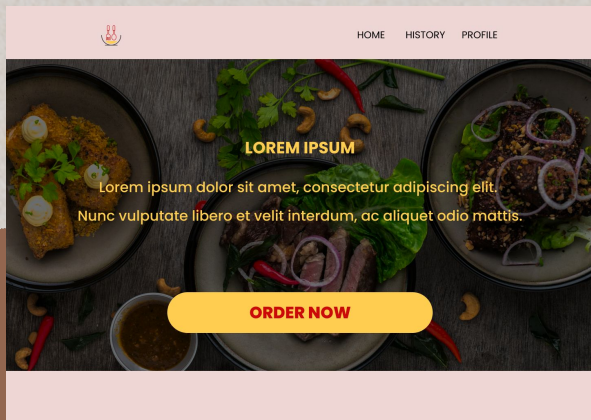
Food Ordering Website Development using MongoDB

Source Code (Click on text)

Wireframe
Food Ordering Website

HOME HISTORY PROFILE

LOREM IPSUM

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nunc vulputate libero et velit interdum, ac aliquet odio mattis.

ORDER NOW

Mau makan apa hari ini?

Restaurant Name #1	3 MENU >
Buka: 07.00 - 23.59	
Restaurant Name #1	5 MENU >
Buka: 07.00 - 23.59	
Restaurant Name #1	2 MENU >
Buka: 07.00 - 23.59	

Transaksi

Menu dipilih #1	RP21.500	1
Menu dipilih #1	RP12.000	1
Ongkir	RP10.000	
Total	RP43.500	

Pesan

Wireframe Website (Click on text)

ExTracker Website Development

Develop a Website

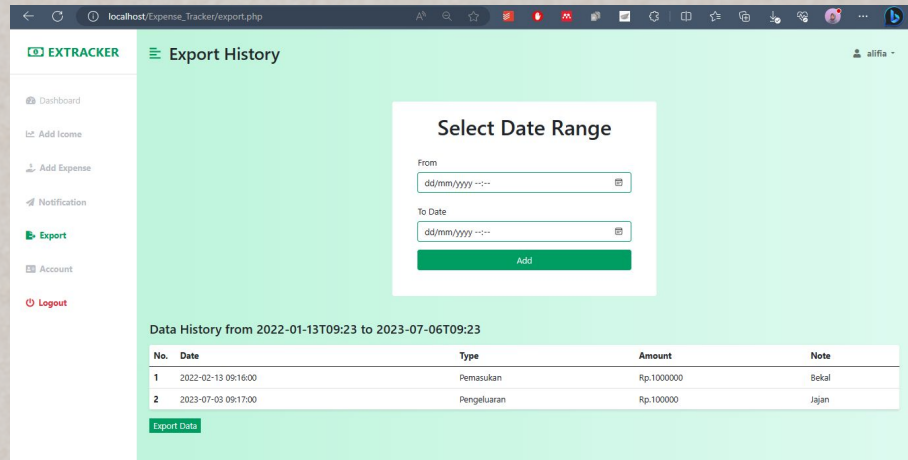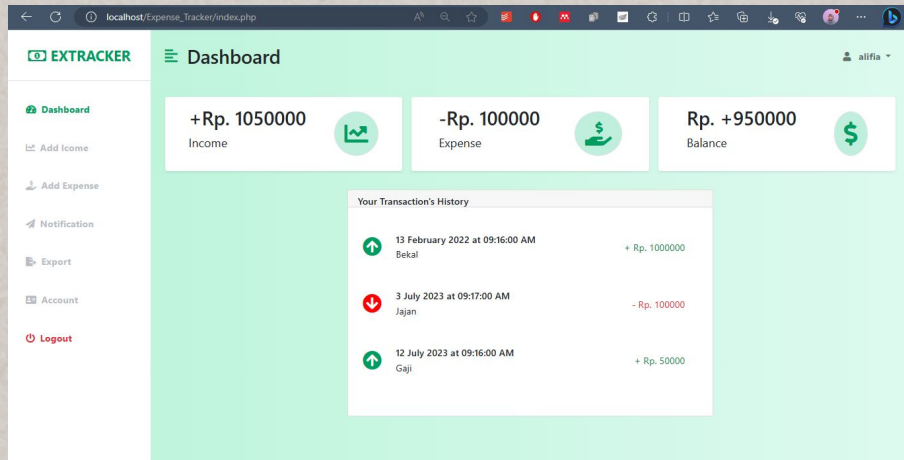Develop a website to record user expenses and income.

Use Database MySQL

Use database MySQL and PHP, HTML and CSS programming languages to make the website function properly.

Creating an accurate system

Contribute to creating an accurate income and expense recording system.

ExTracker Website Development

Source Code (Click on text)

BMIXpert Application

Android Application

Create an android application to calculate Body Mass Index (BMI) in collaboration with four people.
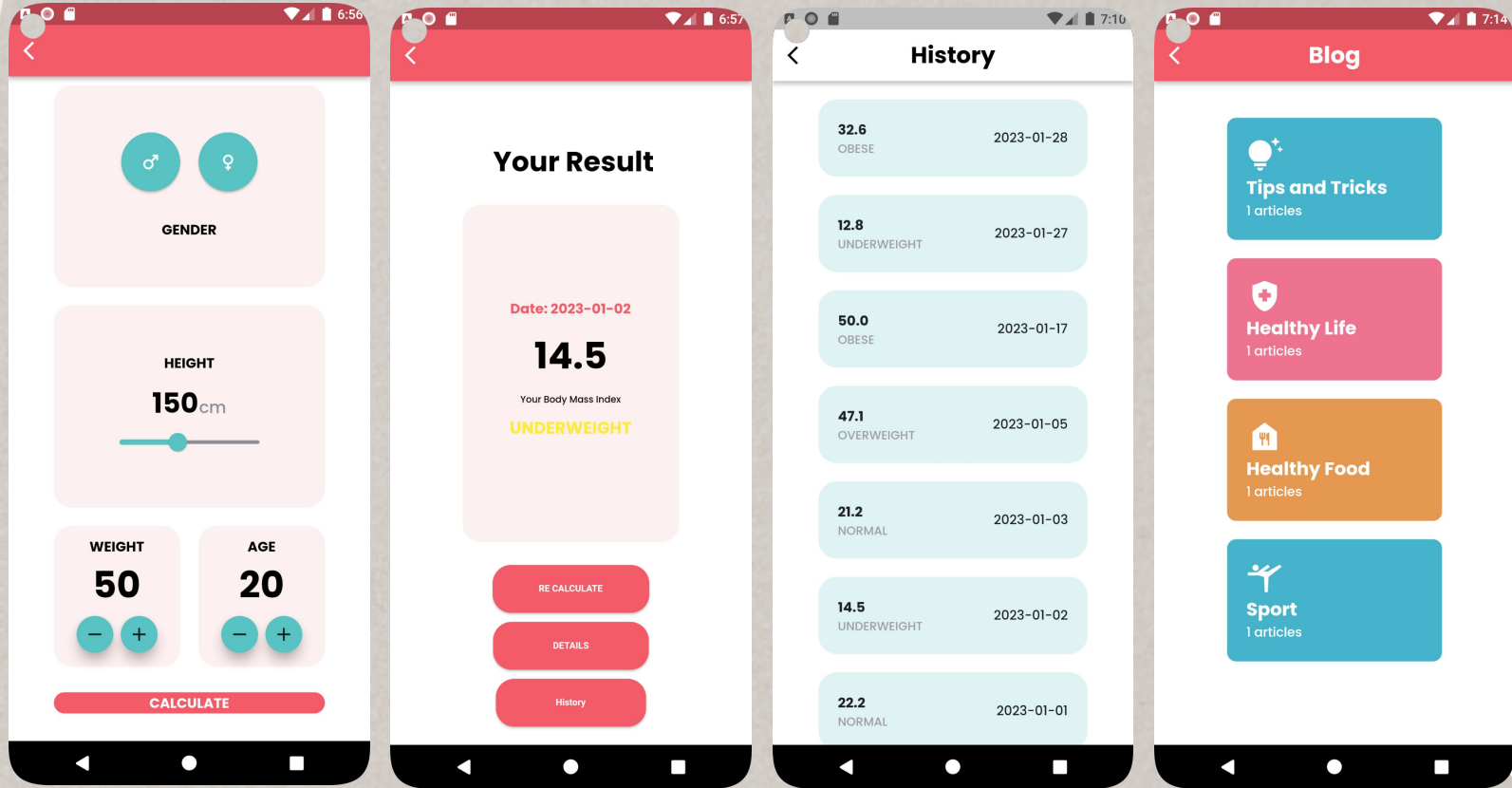
Using SQLite

Using SQLite as a database and leverage Flutter, Dart, and Android Studio as the main tools for app development.

Features

Develop features such as calculator BMI, register, login, usage history and blogs related to body health.

BMIXpert Application

Source Code (Click on text)

Wireframe BMIXpert Application

Hallo username!

Welcome

What are you looking for?

BMI Calculator
Count your body mass index

$-\ +$
$\times\ =$

Blog
Find out more about BMI

BMI Calculator

GENDER

HIEGHT ^{CM}

30

WEIGHT	AGE
56	26
− +	− +

Calculate

Information

Classification of Weigh Status

Underweight
Where your body mass index
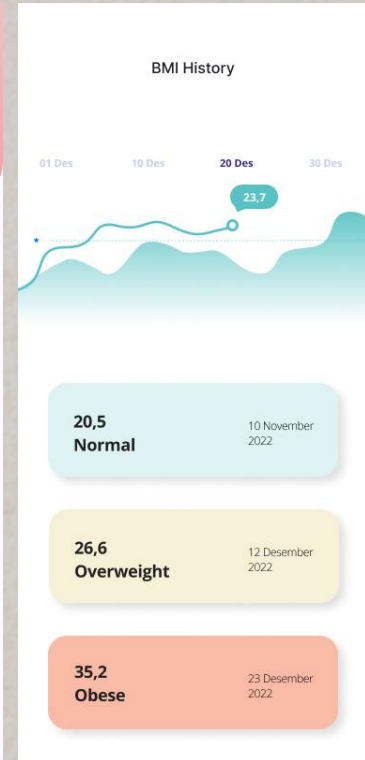<18.5 Kg/m²

Normal Range
Where your body mass index
18.5-24.9 Kg/m²

Overweight
Where your body mass index
25.0-29.9 Kg/m²

Obese
Where your body mass index
>30 Kg/m²

BMI History

| 01 Des | 10 Des | 20 Des | 30 Des |

23,7

20,5 Normal — 10 November 2022

26,6 Overweight — 12 Desember 2022

35,2 Obese — 23 Desember 2022

Wireframe Application (Click on text)

Contact

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Thank You!