



Design Portfolio

Vanessa Carlinsia Tjong

I am a passionate software engineer with an experience on design website. I enjoy combining creativity and technical skills to craft visually appealing and functional websites. My goal is to create optimal digital experiences that engage and satisfy users.



About Me

I am a creative person and I am a student from Bina Nusantara University with Computer Science Major. I like to design website and I always make my Instagram story as creatively as possible. I can also be responsible of my work. I always try to do the best in everything. I am also a person who never gives up, if I fail I will try again until I succeed.





Education

2022 - Now

BINA NUSANTARA UNIVERSITY

- Major: Computer Science
- GPA: 3.43

2019 - 2022

St. Christopher I High School

- Major: Natural Science (IPA)
- GPA: 3.43



Jockey Conference Center

Web project and Design Page

The screenshot shows the homepage of the Jockey Conference Center website. At the top left is the JCC logo with the text "JOCKEY'S CONFERENCE CENTER". The top navigation bar includes links for "Home", "Events", "PriceList", "About Us", and "Contact Us". The main visual is a large, black and white photograph of the building's interior, featuring a complex, undulating ceiling structure. Below the photo, there is a horizontal ellipsis (...). The text "A Conference Venue With a lot of inspiring" is displayed in a bold, sans-serif font. Underneath it, smaller text reads "JCC as well as known a famous conference center located in".

This is a Jockey Conference Center website, project individual from my University, which a project that I made by myself using HTML and CSS, then I publish to vercel app. This project is about a conference venue, total have 5 page.

Link Publication:

- <https://jcc-project.vercel.app/>

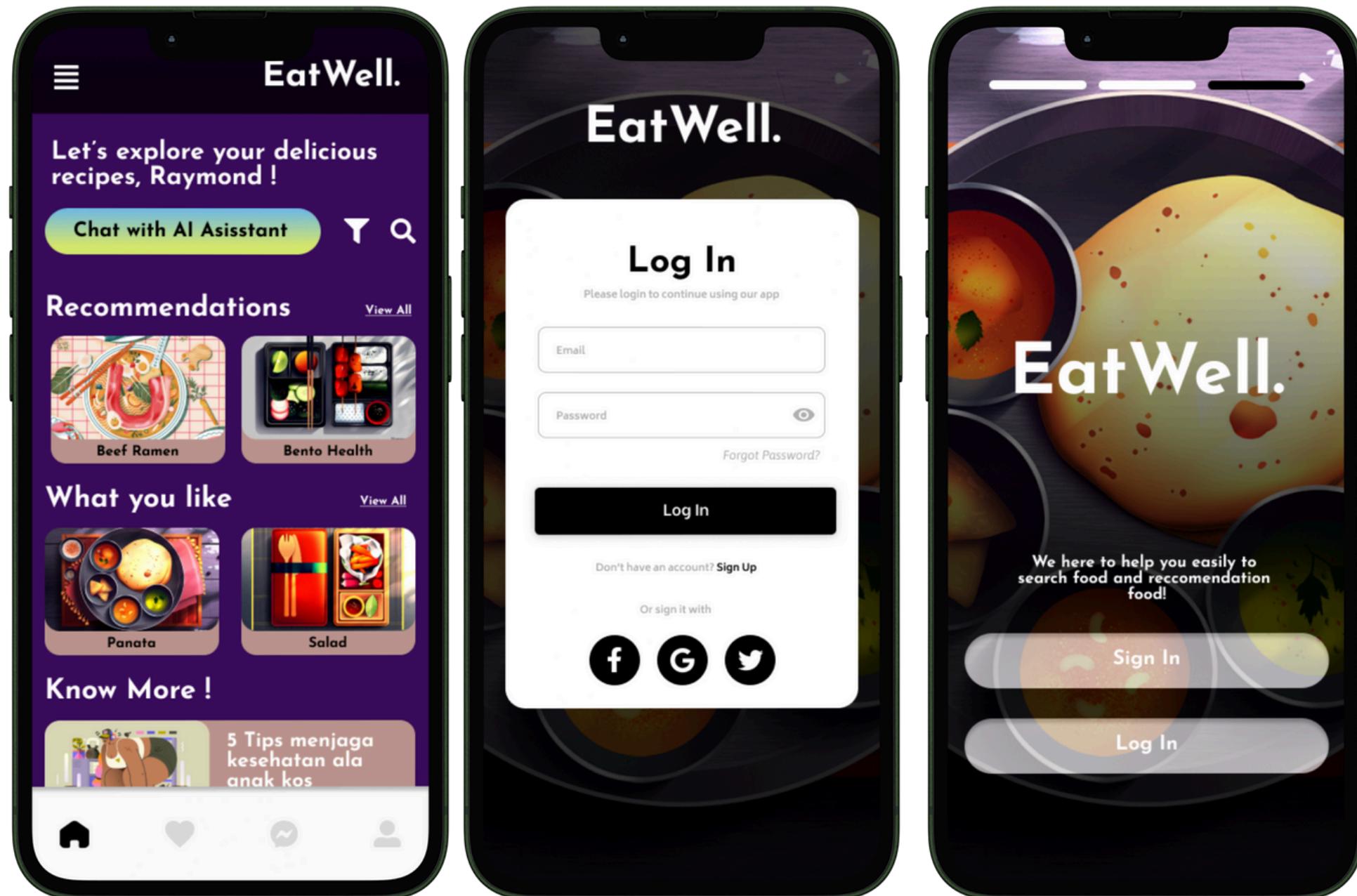
Figma design:

- prototype: <https://www.figma.com/proto/C6DYFgFP4honpMxsrHHxg9/HCI-AoI?node-id=1-2&starting-point-node-id=1%3A2>

Homepage - This Project was the individual project for HCI Final Project by Bina Nusantara University



Eatwell Design Page



This is a Eatwell, Group-Project from my University. This mobile app design by my self. Which I makedesign using Figma. This design include 8 pages; The first slide page have 3 slide, Login page, Sign in Page, chat with assistant page, the receipe page and the Homepage. It all can seen in my project on Figma.

Link Figma

- Project: <https://www.figma.com/proto/C6DYFgFP4honpMxsrHHxg9/HCI-Aol?node-id=1-2&starting-point-node-id=1%3A2>
- Prototype: <https://www.figma.com/design/MbilsTFfUBArayJ9RXQoy/AI-Project?node-id=14-723&t=rw8xzxAFNPIku2TG-i>



Calm Conseuling Web Design

Design Page



This is a Calm(Website for conseuling with psychology or psychiatrist. This is project for mid exam and individual project from my University. The design of this project is made by myself, which I make using Figma.

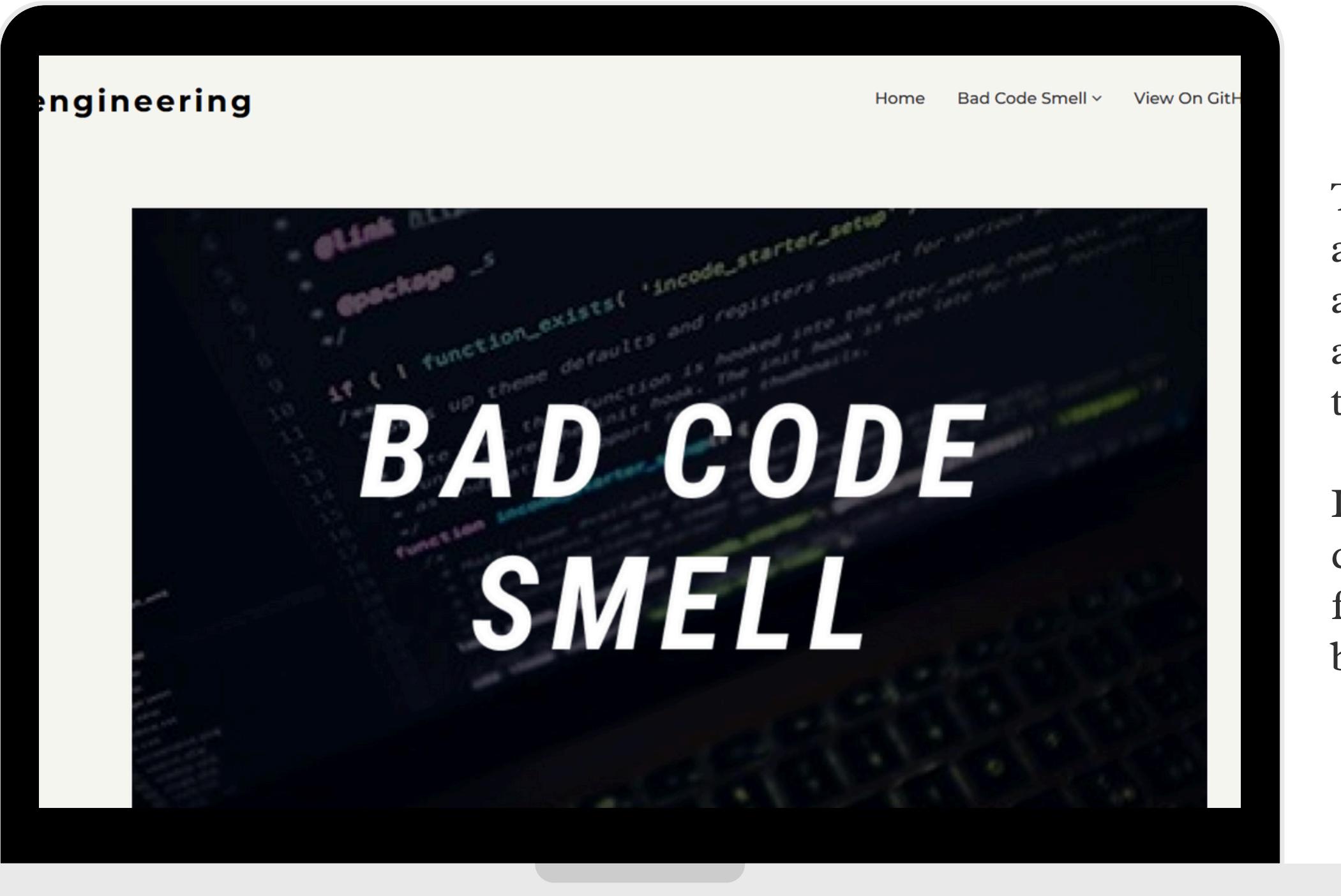
Figma design:

- prototype: <https://www.figma.com/proto/C6DYFgFP4honpMxsrHHxg9/HCI-Aol?node-id=1-2&starting-point-node-id=1%3A2>
- Design: https://www.figma.com/design/ONrsELovnD2aoSBMxqR4Hu/MidExam_VanessaCarlinsiaTjong_2602052065?node-id=0-1&node-type=canvas&t=wOzav8Ue8jHojSEi-o



Code Reengineering Bad Code Smell

Website dev and design Page



This is a group project that build using html and css. This project is providing information about bad code smell like change preventer and dispensables with refactoring solution to that smell.

I contributed to the entire website development process and also I contributed for the design for this project. I handled the bugs and errors.

Link Publication:

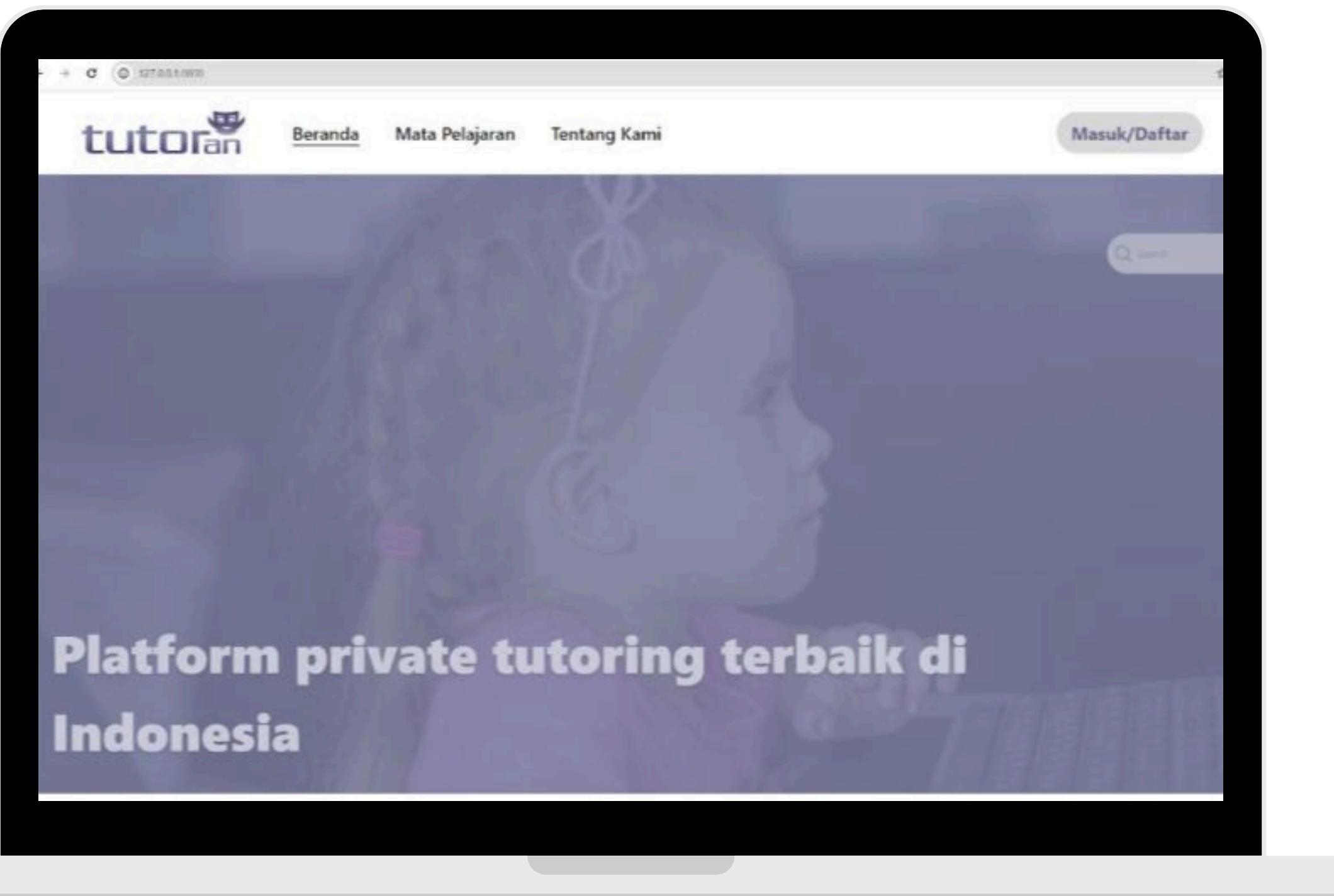
- <https://bad-code-smell-sigma.vercel.app/>

Homepage - This Project was the for Code Reengineering Project by Bina Nusantara University



Tutoran

Website dev and design Page



This website was the final project from my university that built using laravel(PHP framework) combined with tailwind css. This project using scrum for the agile methodology.

I contributed as a design and development team. I also contributed for make 2 pages(Front-end) for the website. There are several challenge during this project and I(with team) handled it with daily scrum meeting and ask for the other opinions.

Link Publication:

- <https://github.com/BernardBerenes/Tutoran>

Homepage - This Project was the for Software Engineering Project by Bina Nusantara University

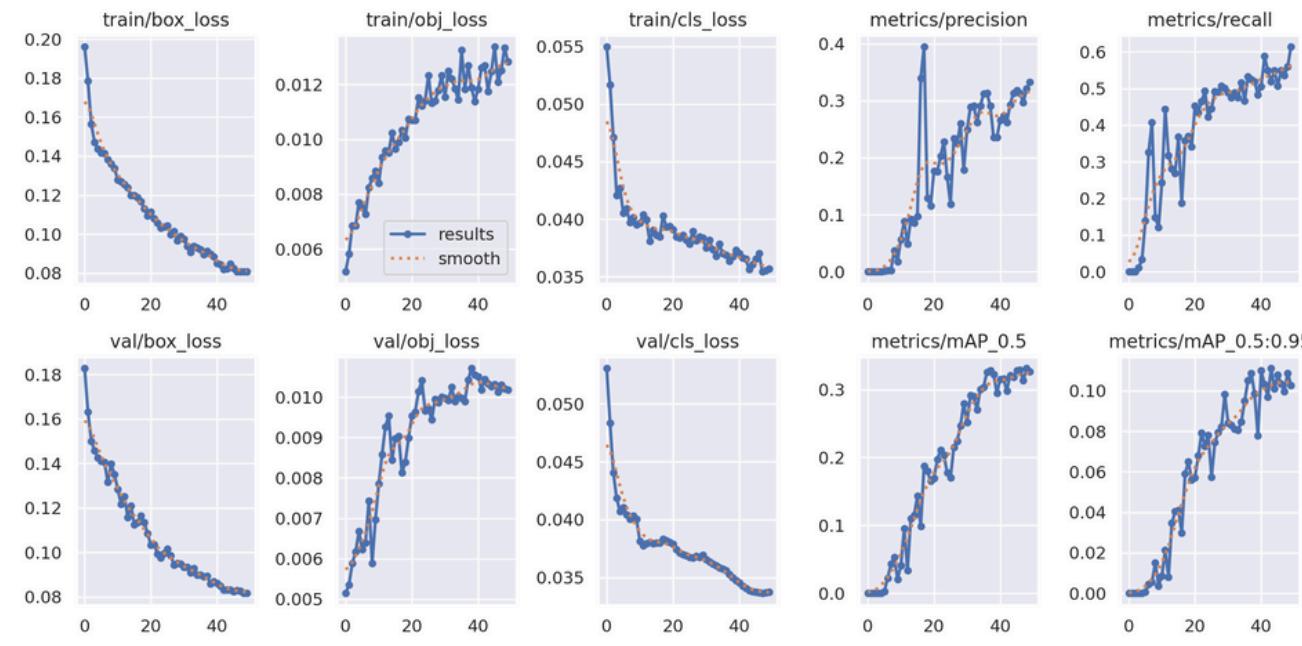


Helmet Detection using YOLOv5

Implementation YOLOv5

```
[ ] 1 # clone YOLOv5
2 !git clone https://github.com/ultralytics/yolov5 # clone repo
3 %cd yolov5
4 %pip install -qr requirements.txt # install dependencies
5 %pip install -q roboflow
6
7 import torch
8 import utils
9 display = utils.notebook_init() # checks
10 print(f'setup complete. Using torch {torch.__version__} ({torch.cuda.get_device_properties(0).name})')
YOLOv5 🚀 v7.0-330-gb20fa802 Python-3.10.12 torch-2.3.0+cu121 CPU
Setup complete ✅ (2 CPUs, 12.7 GB RAM, 30.3/107.7 GB disk)
setup complete. Using torch 2.3.0+cu121 (CPU)

[ ] 1 !pip install roboflow
2
3 from roboflow import Roboflow
4 rf = Roboflow(api_key="hIqRQ3q6GNTEmbr3gBq5v")
5 project = rf.workspace("politeknik-negeri-jakarta-bivo4").project("deteksi-helm")
6 version = project.version(16)
7 dataset = version.download("yolov5")
```



Homepage - This Project was the for Code Reengineering Project by Bina Nusantara University

This project is a group project which I contributed to developing a helmet detection using YOLOv5 model. I worked on the coding in Python programming language and performed model training and testing on Google Colab. The dataset was taken from the Roboflow. The project aims to detect whether individuals are wearing helmets, with a focus on safety compliance. The final results and source code have been published on GitHub for further reference.

Link Publication:

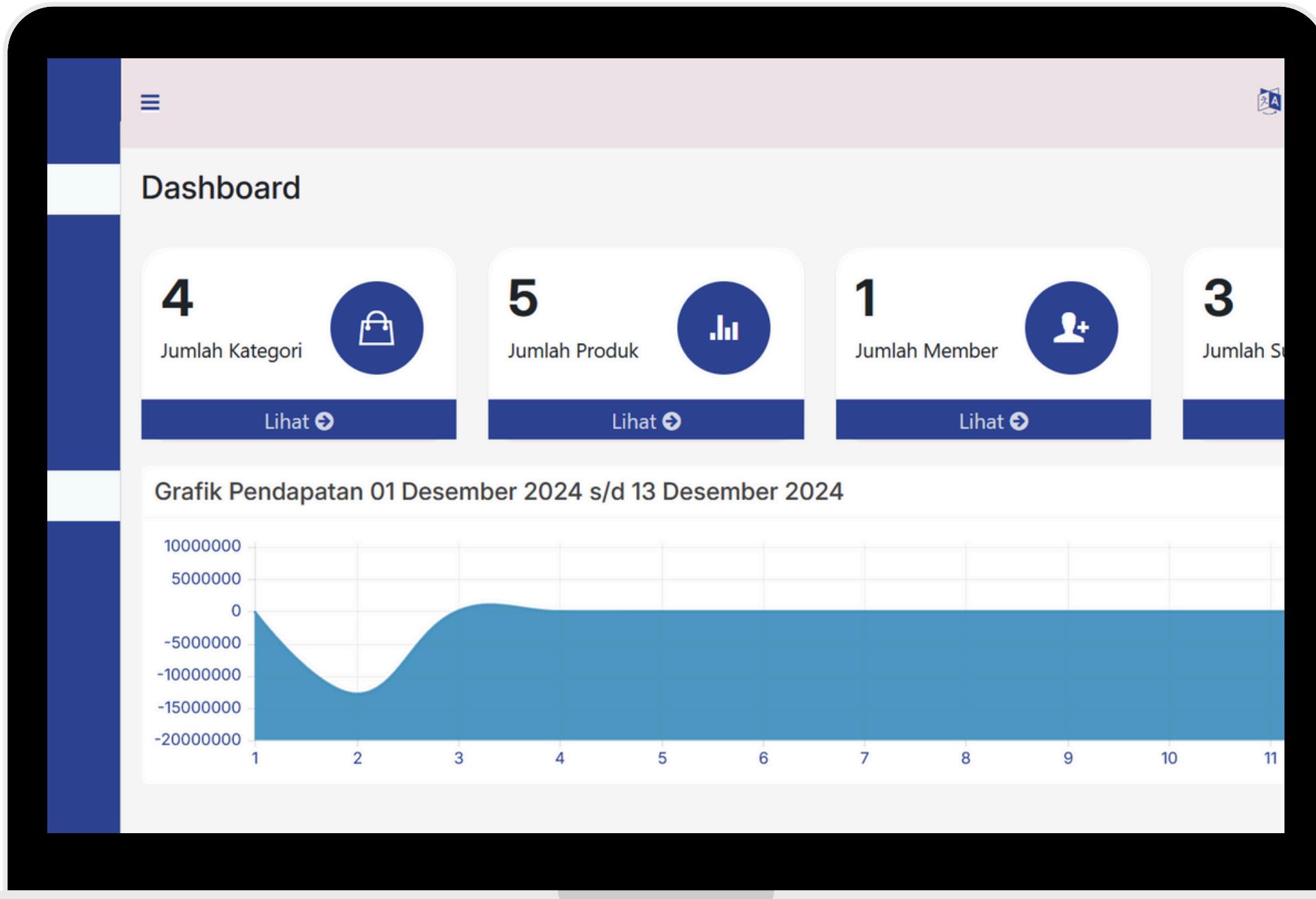
- <https://github.com/vanessacarlinsiaa/YOLOv5-HelmetDetection>





INVESTORAGE

Website application



Investorage is an innovative application that merges investment portfolio management with asset storage tracking into one platform. It allows users to monitor their financial investments, such as stocks, and manage physical or digital storage assets. Features include real-time performance analytics, storage optimization, and secure data handling. Designed to be intuitive, it provides a comprehensive solution for both individuals and businesses. The application is built with Laravel and Bootstrap, making it user-friendly for cashiers and administrators .

Dashboard admin - This Project was the for Web Programming Project by Bina Nusantara University

Link github : <https://github.com/madelinemily/laraVent>
link deploy: <https://investorage.wppp.xyz/register>



Skills and Language

✓ Individual and team player

✓ Hardworking

✓ Problem-solver

✓ Highly Responsible

✓ Experience on working

✓ Teamwork

✓ Communication

✓ Editing video and photos

✓ Super fast learner



Figma



HTML



CSS



C



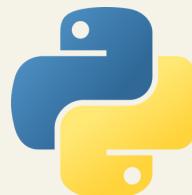
C#



MySQL



Java



Python

✓ Indonesian

✓ Korean(*pasif*)

✓ English

✓ Mandarin(*pasif*)



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