



2024  
PORTFOLIO  
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11 AGUSTUS 2024



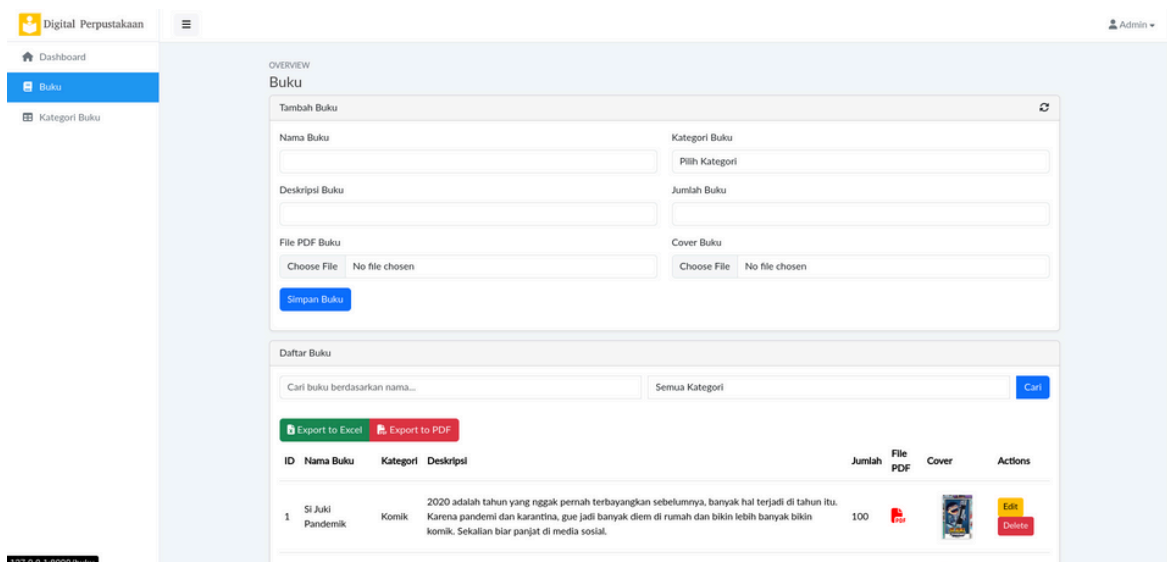
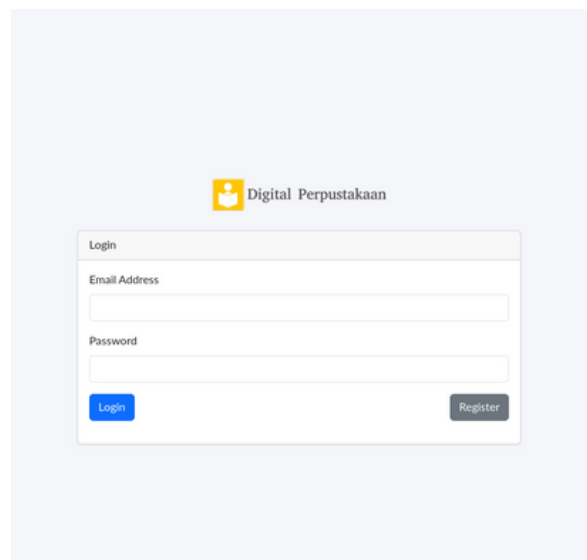
# Project Latest

## Digital Library

Web based

This book management application allows users to add, view, edit, and delete book data. Regular users can only manage books they create themselves, while admins have full access to manage all book data. Additional features include exporting book data to Excel and PDF formats, as well as book category management that can only be accessed by admins.

- Responsive UI design creation
- Creating CRUD feature logic in books and categories
- Creating user and admin authentication and middleware
- Implementing PDF export and Excel export features



Link to Project Digital Library : <https://github.com/nurMangg/digital-perpustakaan>

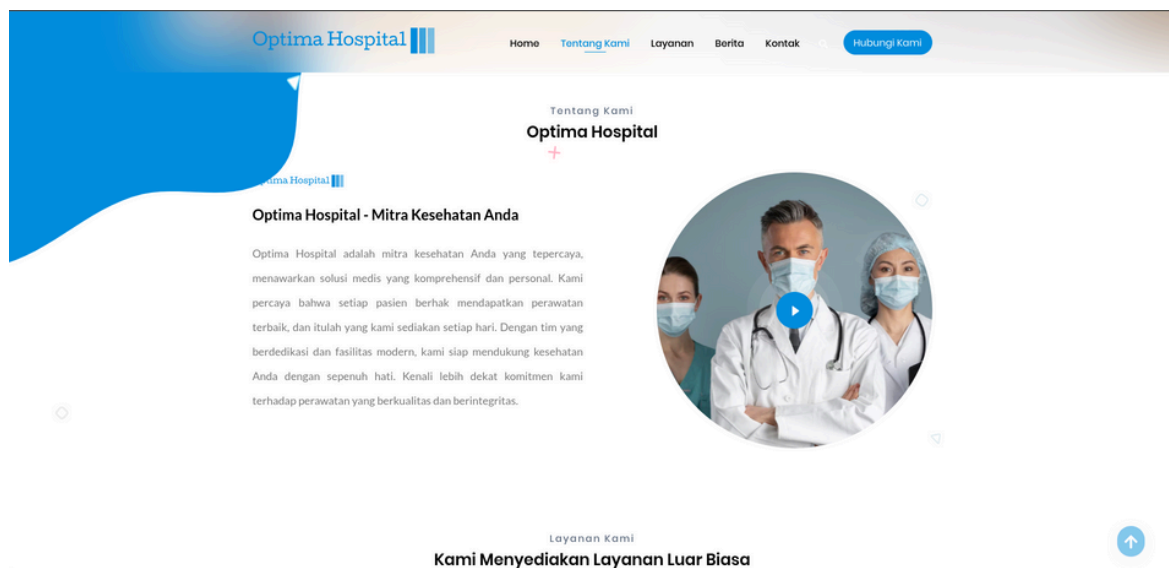
# Project Latest

## Optima Hospital

### Landing Page

Create a landing page to display information about the hospital profile

- Design Landing Page using html, css, js
- Using Bootstrap, Animate js, Aos js, Font-Awesome



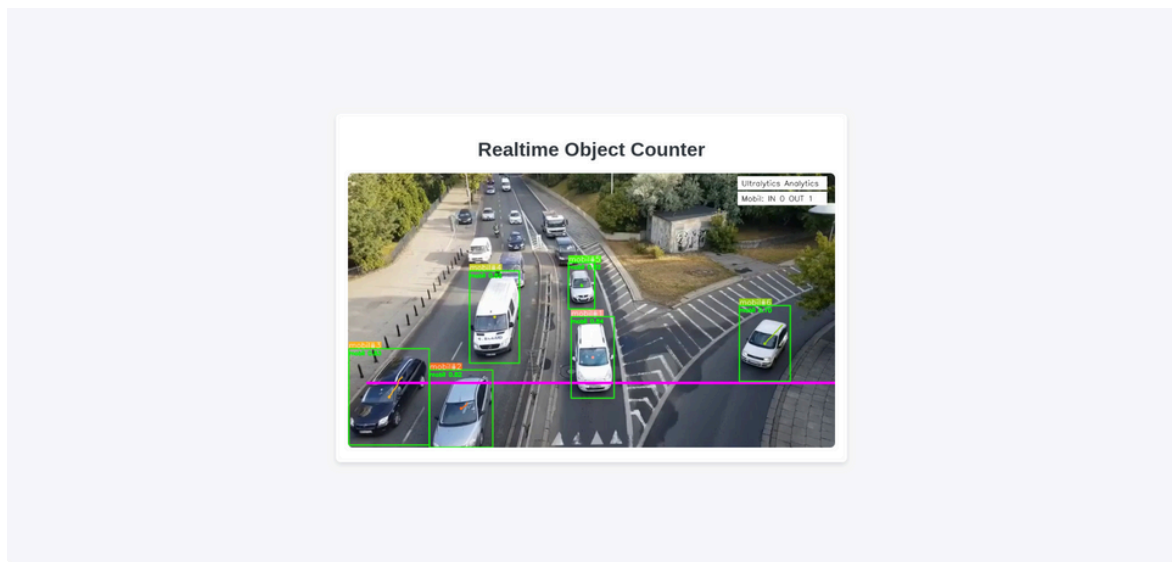
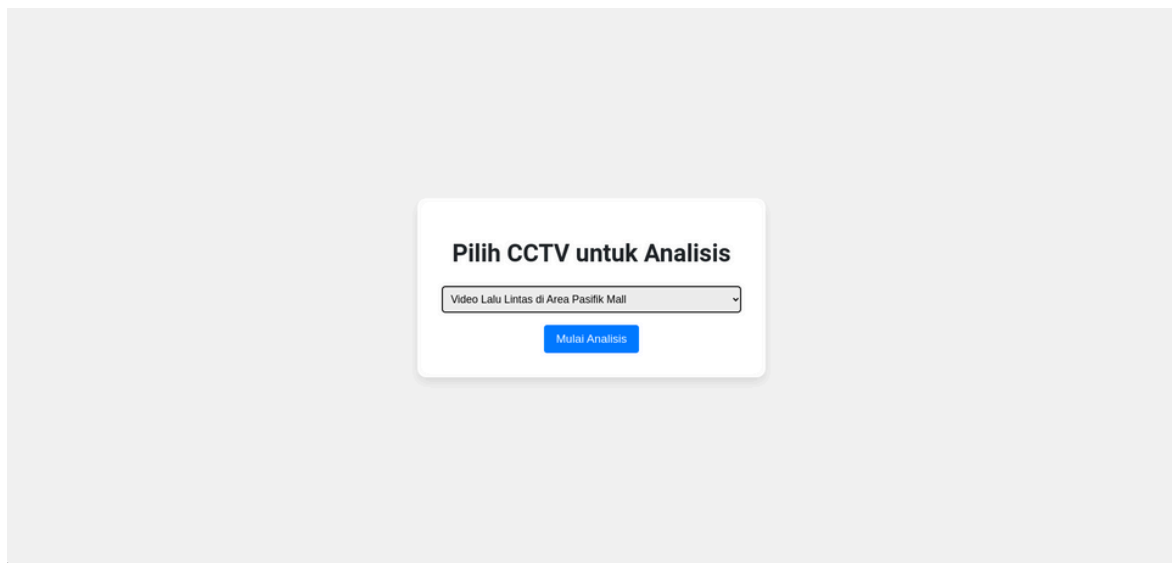
Link to Project Optima Hospital : [https://github.com/nurMangg/optima\\_hospital](https://github.com/nurMangg/optima_hospital)

# Traffic Car Detection

Web Based

Make car traffic detection on the road, the application can detect the type of car and count it

- Creating dataset using Roboflow Yolov8.
- Train the car model to get the best model results.
- Implementing the model to the web so that it can be used, using python libraries flask, ultralytics, etc.



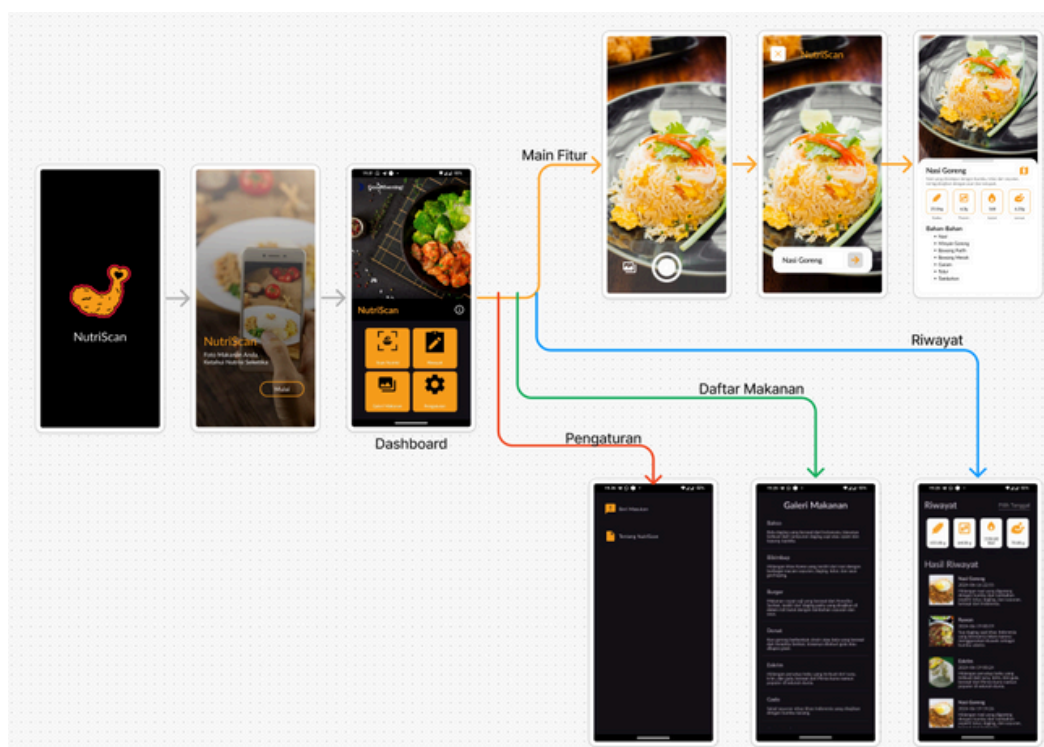
Link to Project Traffic Car Detection : <https://github.com/nurMangg/DetectObjectTraffic>

# NutriScan: Your Healthy Friend on Your Phone, Detection Nutrient Food

App Based (Android)

Users will know what nutrients they get when they eat food. The application we developed uses detection on the camera which functions to recognize food and analyze what nutrients are contained in the food. After the user takes a picture using the camera, it will provide information about the nutrients contained in the food.

- UI design creation in figma and slicing to xml code.
- This application uses kotlin with AI implementation in it.
- Using restful API to communicate with the server.



Link to Project NutriScan : <https://github.com/NutriScann/nutriscan-app>

# KGen-z : Detection system to determine stress levels

Web Based

Create a system that uses AI to determine a person's stress level

- Creating dataset references FER-2013 datasets.
- Train the face expression recognition model to get the best model results.
- Slicing UI into HTML, CSS.
- Implementing the model to the web so that it can be used, using python libraries flask, ultralytics, etc.



Link to Project KGenz : [https://github.com/nurMangg/KGenz\\_CapstoneProject](https://github.com/nurMangg/KGenz_CapstoneProject)

# The best fitness supplement decision-making system uses the saw method.

Web Based

The best fitness supplement decision-making system using the SAW (Simple Additive Weighting) method evaluates and ranks supplements based on multiple criteria.

- Making Decision making to determine the best fitness supplement
- Making design to blade and backend display in laravel
- Implementing decision making saw method to laravel

The screenshot displays the 'Product' management interface of the 'Suplemen Fitness' application. The page title is 'Product' and the breadcrumb is 'Dashboard / Product'. The main content area is titled 'Add Product' and contains several input fields: 'Name Product' (with a placeholder 'Name Product'), 'Price' (with a placeholder 'Price'), 'Weight' (with a placeholder 'Isi'), 'Protein' (with a placeholder 'Protein'), 'Sugar' (with a placeholder 'gizi'), and 'Calory' (with a placeholder 'kalori'). There is also an 'Upload Image' section with a 'Choose File' button and the text 'No file chosen'. Below these fields is an 'Information' text area. At the bottom right of the form are 'Submit' and 'Reset' buttons.

NO	NAME PRODUCT	PRICE	WEIGHT	PROTEIN	SUGAR	CALORY	ACTION
1	whely	290000	1361	25	1	150	<a href="#">Edit</a> <a href="#">Delete</a>

Link to Project Suplemen Fitness : <https://github.com/nurMangg/SuplemenFitnessWeb>

**For Other Project, See More :**

<https://github.com/nurmangg>