



# Portfolio

## Rayhan Adri

#Tech\_Enthusiast  
#Software Developer  
#Product Manager  
#Product Designer



### Profile

**Name** : Rayhan Adri  
**Age** : 27 years old  
**Location** : Kota Serang, Banten  
(Ready move for job placement)



### Work Experience

- PT Indah Kiat Pulp & Paper (2023-current)  
IT Software Specialist
- PT Bank OCBC NISP (2021-2023)  
Software Engineer
- Universitas Brawijaya (2016-2018)  
Laboratory Assistant



### Education

- Universitas Brawijaya – 2020  
Information System
- SMA Negeri 1 Kota Serang – 2013



### Skill

- Software Development
- IT Product Management
- Design Thinking



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# Total Productive Maintenance (TPM) System



## About TPM System

TPM Web system used to record reporting of abnormal findings on machine damage in the factory area.

This system is also equipped with power BI dashboard, auto report generation, and notification alert of new finding reports to e-mail and mobile applications.



## Tools & Environment

- Web  
DotNet C# MVC Web,  
HTML, CSS, Javascript
- Database  
Ms SQL Server
- Dashboard  
Power BI

Date: 30-04-2024

Issue Type  
☒ Abnormal  
☐ Loss Time

Abnormal Type  
Body Mesin

Group  
A

Plant  
PMB

Area/Machine Section  
CaCO3

Machine Unit/Line  
Crushing gcc 1

Description Of Abnormality/Loss detected/predicted/ [Func.Loc/Equipment/People/Material] + Abnormality/Loss (Symptom, Breakdown, Defect, Accident,etc.)  
Enter Description Of Abnormality/Loss ...

Plant: PMB Area/Machine Section: CaCO3 Date Start: 01-04-2024 Date End: 30-04-2024

Filter Data

+ Created Issue 1 Issues

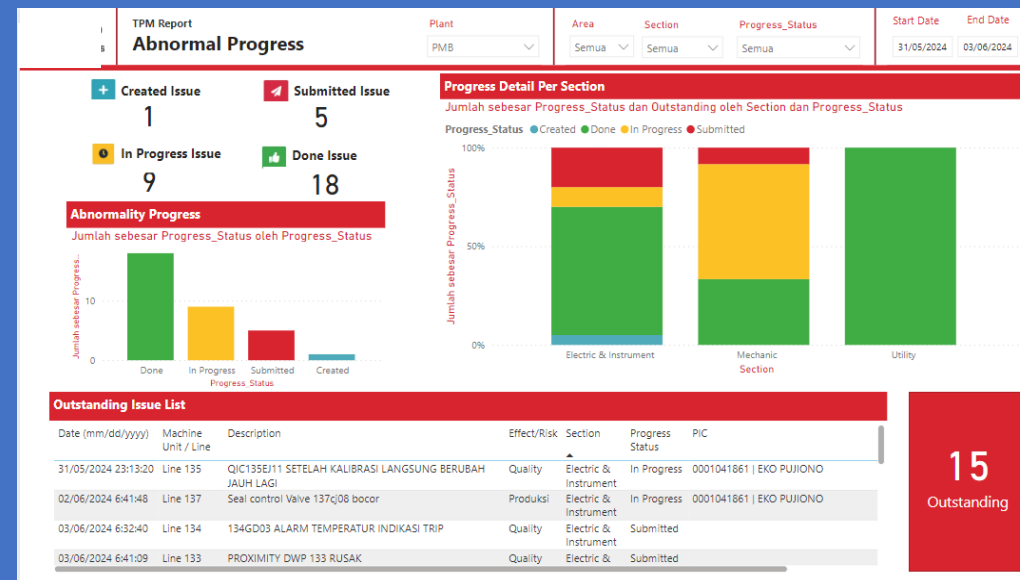
Submitted Issue 3 Issues

In Progress Issue 5 Issues

Done Issue 48 Issues

Show 10 entries Search:

SectionName	Ach (%)	Created	Submitted	In Progress	Done	Total
Civil	0	0	0	0	0	0
Design	0	0	0	0	0	0
Electric & Instrument	79.31	1	3	2	23	29
Mechanic	88.46	0	0	3	23	26
Mobil Shop	0	0	0	0	0	0
MTS	0	0	0	0	0	0
Production	0	0	0	0	0	0
Supervisi	0	0	0	0	0	0



# News Scraping Web



## About News Scraping Web

News collection system with ability to automatically search and save news data on schedule based on list of keywords given by user.



## Tools & Environment

- Web  
DotNet C# Console App,  
DotNet C# MVC Web with HtmlAgilityPack,  
HTML, CSS, Javascript
- Database  
Ms SQL Server

### News Data

ID

1144

Keyword

taiwan

Keyword

taiwan (98) | 24-05-2024

Keyword

pulp (232) | 24-05-2024

Keyword

MSC (28) | 22-05-2024

Keyword

laut merah (287) | 20-05-2024

News Time

2024-05-24 19:30

Language

Indonesia

Title

China Gelar Latihan Militer "Rebut Kekuasaan" Sekitar Taiwan

Short Content

Jakarta, CNBC Indonesia- Militer China mengadakan latihan di sekitar Taiwan sejak Kamis 23 Mei. Hal ini

ID	Keyword	Source	Save Time	News Time	Language	Title	Short Content
1141	pulp	pulpandpapercanada.com	2024-05-24 06:11	2024-05-21 19:51	English	Valmet appoints new vice-president of services for its North ...	Matuska holds a Bachelor of Science degree in mechanical engineering and has over 30 years of experience in the pulp and paper industry. ... Pulp & Paper ...

URL

<https://www.pulpandpapercanada.com/valmet-appoints-new-vice-president-of-services-for-its-north-american-operations/>

Detail

Valmet has appointed Rocky Matuska as vice-president of services for its North American operations. Matuska's appointment will become effective on August 1, 2024.

In his new role, Matuska will be responsible for leading and managing all Valmet Services operations in North America. He will also become a member of the North America Area Management Team (AMT).

Matuska is currently director of sales and technology, Paper and Board, North America Capital Business at Valmet. He is based in Valmet's Beloit, WI, facility and will remain there following his appointment. He will succeed Kari Lindberg, senior vice-president of services, North America, who will retire in early 2025.

Matuska holds a Bachelor of Science degree in mechanical engineering and has over 30 years of experience in the pulp and paper industry. His success in the industry includes engineering positions for Beloit Corporation and PMP Americas. Matuska also played an integral role in integrating the small and medium-size equipment (SMM) business into the Valmet North America portfolio.

# E-Gallery Web



## About E-Gallery Web

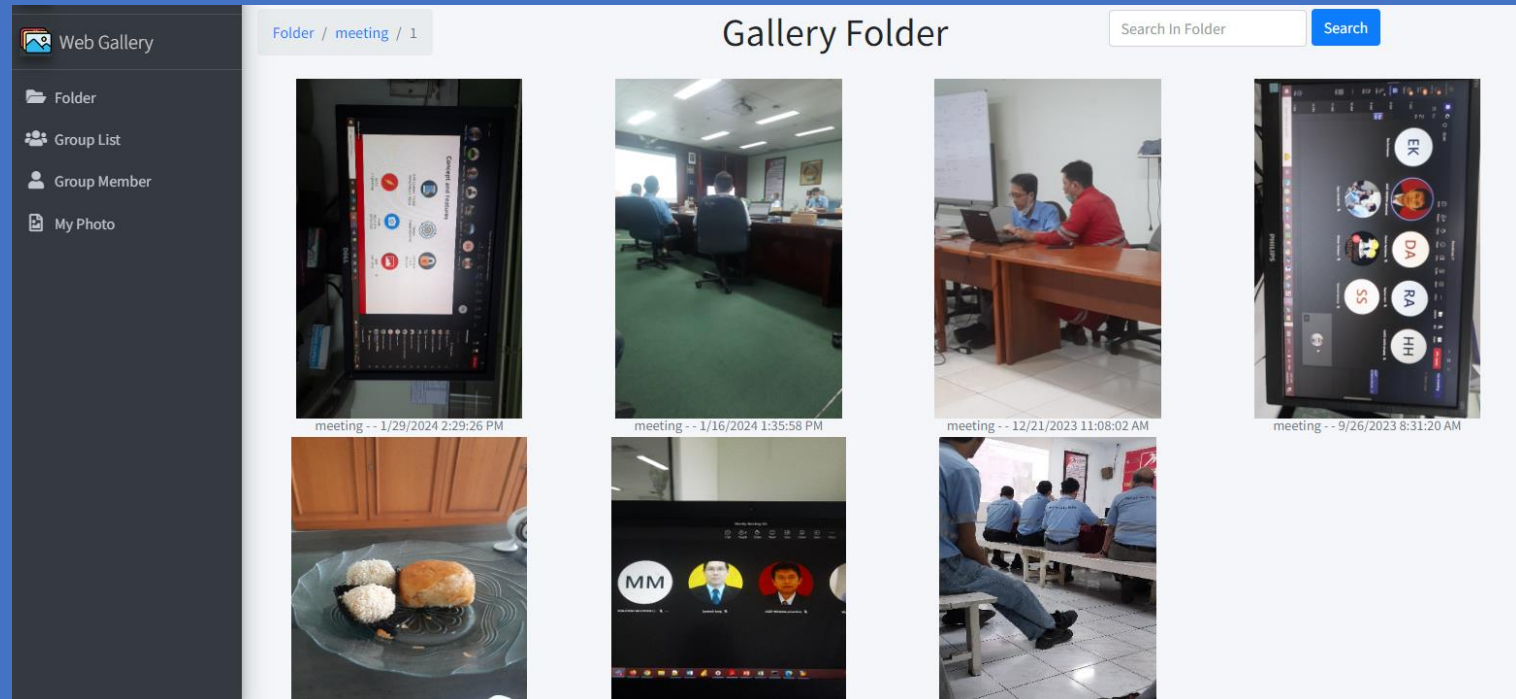
Website to view and manage photo in server via web interface.

The website is integrated with e-camera, a mobile app that capture and sent the photo from mobile app device to the server.



## Tools & Environment

- Web  
DotNet C# MVC Web,  
HTML, CSS, Javascript Photoswipe
- Database  
Ms SQL Server



# Parking Web App



## About Parking Web App

Parking Web App is a system for vehicle parking management at parking locations.

This system is equipped with vehicle parking rates configuration, parking income reports, and vehicle status monitoring.



## Tools & Environment

- Web  
PHP, Laravel Framework,  
HTML, CSS, Javascript
- Database  
MySQL MariaDB

### SECURE PARKING

Masuk Parkir

Keluar Parkir

Pengaturan

Laporan

### Masuk Parkir

Nomor Polisi

Jenis Kendaraan

Motor

Submit

Kembali ke Menu

### Config Jenis dan Biaya Kendaraan

#### Config Jenis dan Biaya Kendaraan

Show 10 entries

Search:

id	Jenis Kendaraan	Biaya Per Jam	Biaya Maksimal	Action
1	Motor	2000	3000	Edit
2	Mobil Penumpang	2000	6000	Edit
3	Mobil Barang	3000	9000	Edit

Showing 1 to 3 of 3 entries

Previous 1 Next

Kembali ke Menu Pengaturan

### Laporan Kendaraan Masuk Keluar

#### Detail Kendaraan Masuk Keluar

Show 10 entries

Search:

Waktu Masuk	Waktu Keluar	Jenis Kendaraan	No Polisi	Status
2023-02-05 21:41:43	2023-02-06 22:42:23	Mobil Barang	C44S	KELUAR
2023-02-06 21:11:19	2023-02-06 22:41:26	Motor	A55V	KELUAR
2023-02-06 21:27:32	2023-02-06 22:38:51	Mobil Barang	B11Q	KELUAR
2023-02-06 21:35:11	2023-02-06 23:31:53	Mobil Penumpang	A123W	KELUAR
2023-02-06 21:35:40	2023-02-06 22:40:48	Motor	A33C	KELUAR
2023-02-07 18:05:41	2023-02-07 18:05:48	Motor	A23Q	KELUAR
2023-02-08 15:29:46	2023-02-08 15:30:26	Mobil Penumpang	A444B	KELUAR
2023-02-08 15:35:18	2023-02-08 15:35:38	Motor	W11Q	KELUAR

Showing 1 to 8 of 8 entries

Previous 1 Next

# MVP My Finance App



## About My Finance App

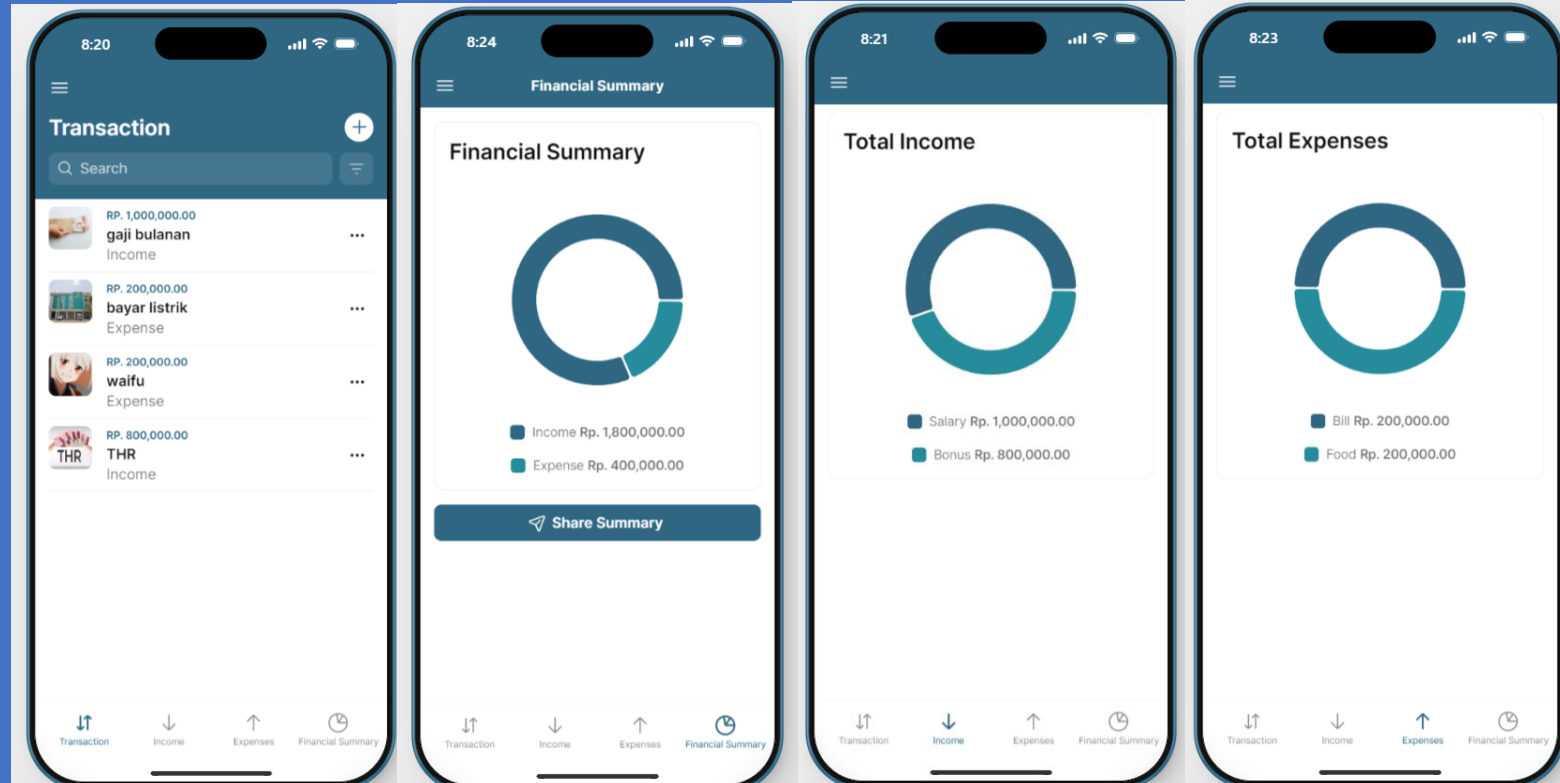
My Finance App is a daily financial platform and helping their users to become more financially organized.

By using My Finance App, users don't have to worry about how much remaining money they have and how much money they already spend, it's all recorded in the app.



## Tools & Environment

- MVP Platform  
Glide Apps





# Mockup Ifrut (Fruit Vendor Search App)



## About Ifrut

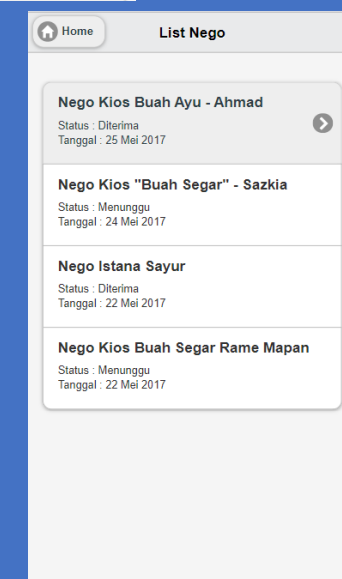
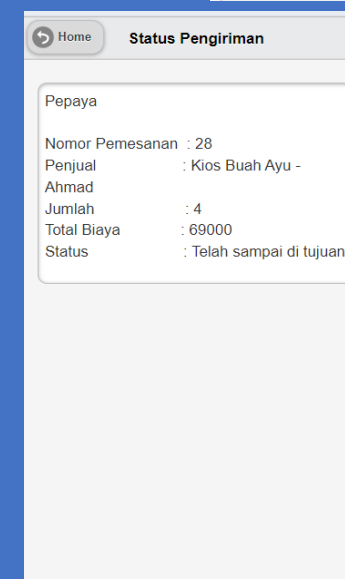
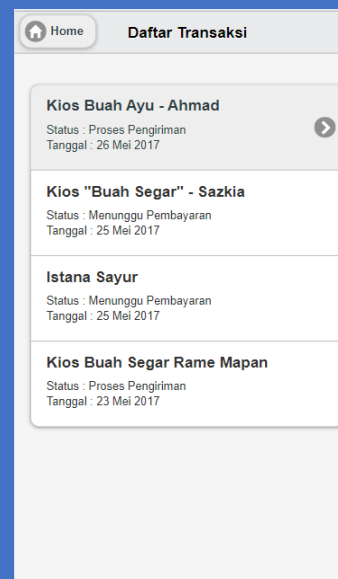
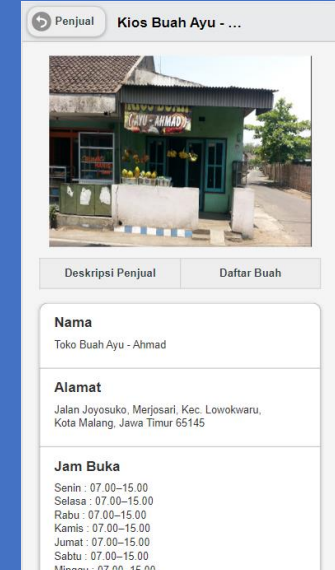
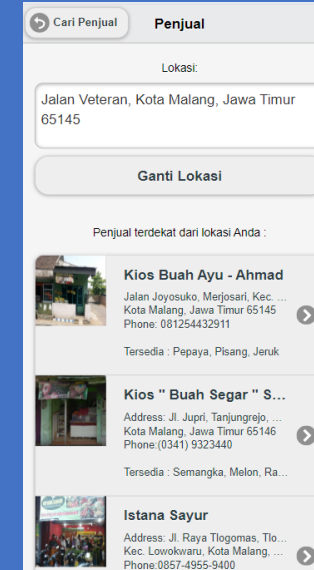
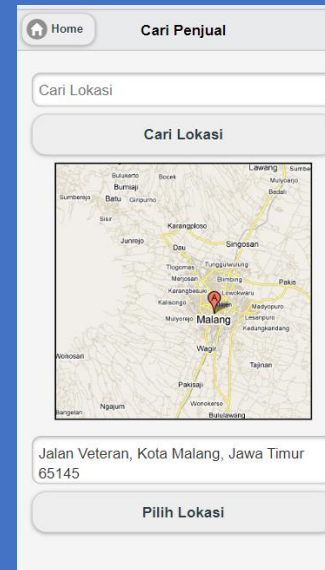
Ifrut is an app for people who want to buy fruit from local fruit vendors around their current location.

Fruit vendors in ifrut also provide instant delivery services for buyer to make sure user get their fruits in fresh condition.



## Tools & Environment

- Responsive Web-Based HTML, CSS, Javascript



# Other Notable Project

Other project I have done. Project listed here with only description and tools used because of various reason such as potentially contain sensitive information, no user interface, or all document information are saved in company-owned device.

## 1 Overall Equipment Effectiveness (OEE) Report System

The OEE system collect, calculate, and summarize machinery reports from various sources of factory section area and create them into a single report. Also equipped with email notification to auto generate and send report daily.

Tools : PHP Web, MS SQL Server

## 2 Sample Product Request System

System to record and track product request from customer from sample request, production, quality check, invoicing, and shipping.

Tools : PHP Web, MS SQL Server

## 3 Machinery Equipment Audit Notification System

A system to record equipment checking audit on production machine. Provided easy access via QR Code scan and redirect to web form. Integrated with mobile notification app to send audit result to management after audit schedule done.

Tools : DotNet C# MVC Web, MS SQL Server, HTTP Client REST API

## 4 Reconciliation and Settlement System

Back-end system to check whether customer transactions fail or succeed and match it with data from payment networks. After payment data matching is done, transactions will be settled and funds will be disbursed to the merchants.

Tools : DotNet C# Desktop, MS SQL Server