



AGUM ADITYA

Denpasar | agumaditya71@gmail.com
+6287812359702 (WA/Tlp)

Tentang Saya

Saya, Agum Aditya, adalah seorang profesional di bidang jaringan dan pemrograman dengan pengalaman luas dalam pengembangan IoT dan software development. Dengan latar belakang pendidikan di Sistem Komputer dari INSTIKI INDONESIA dan IPK 3.84 (Cumlaude), saya memiliki keahlian mendalam dalam merancang dan mengembangkan sistem berbasis IoT, aplikasi web, serta aplikasi mobile.

Pengalaman Kerja

INSTIKI INDONESIA, Denpasar

Maret 2022 – October 2024

IoT Developer

- Berkolaborasi dengan dosen untuk menyelesaikan penelitian/pengembangan teknologi terutama di bidang IoT.
- Mengembangkan dan mendesign arsitektur IoT. Mulai dari protokol pengiriman data, Kebutuhan hardware dan kebutuhan software.
- Mengembangkan aplikasi mobile android untuk memantau pembacaan sensor dan serta pemberian notifikasi.
- Mengembangkan web untuk memantau melakukan administrasi data yang masuk. Seperti pembuatan user baru, device baru dll.
- Memilih dan merangkai hardware, seperti pemilihan kebutuhan sensor dan mikrokontroller lalu merangkainya.
- Mengembangkan prototype 3D menggunakan software seperti fusion untuk mendesign rangka produk dan mencetaknya di 3d printer.
- Sudah menyelesaikan 9 project pendanaan penelitian.

Freelancer Programmer, Denpasar

Maret 2022 – Sekarang

Membantu Pembuatan Tugas Akhir (Programmer dan IoT Designer)

- Membantu memprogram software dan hardware untuk tugas akhir mahasiswa sistem komputer.
- Pekerjaan Terdiri dari pengembangan aplikasi android dan web, hardware programming seperti arduino dan esp, serta mengembangkan machine learning
- Sekitar 30 project sudah dilakukan.

INSTIKI INDONESIA, Denpasar

Okt 2019 – December 2019

Internship Project Insuit

- Insuit merupakan project kolaborasi dari Instiki bersama ristekdikti yang berfokus untuk mengembangkan teknologi untuk mendeteksi kejadian jatuh pada orang lansia.
- Betanggung jawab atas : Merakit dan menyolder alat, membantu pembuatan laporan, menjaga dan memberikan edukasi di stan insuit pada saat pameran di Jakarta dan bali ristekdikti.

Gojek Indonesia, Denpasar

Feb 2018 – Sekarang

Driver

- Bekerja sebagai driver gojek

EDUCATION

SMAN 2 DENPASAR, Denpasar

2014 – 2017

INSTIKI INDONESIA, Denpasar

2017 – 2022

Sistem Komputer

IPK 3.84

Honors: Cumlaude, Dean's List

ACHIEVEMENTS

INSTIKI INDONESIA , Denpasar	2022
<i>Lulusan dengan IPK tertinggi di Jurusan Sistem Komputer INSTIKI INDONESIA.</i>	
INSTIKI INDONESIA , Denpasar	2022
<i>Lulusan dengan IPK tertinggi di INSTIKI INDONESIA.</i>	
INSTIKI INDONESIA , Denpasar	2019
<i>Juara 2 line Follower di kompetisi lokal INSTIKI INDONESIA</i>	

SERTIFIKASI

SertifikasiSertifikasi Network Administrator	2020
Microsoft Office Specialist 2016	2019
TOEIC	2022
<i>Dengan skor 840</i>	

LANGUAGES AND SKILLS

- Bahasa pemrograman: Javascript, Typescript, PHP, python, c, c++, html, css, kotlin, java.
- Framework: android studio, react , laravel, bootstrap, tailwind, express(node js), YoloV8, react native (expo).
- Microcontroller: Arduino, ESP 32 , Raspberry Pi dan berbagai macam sensor module.
- Mensetting Jaringan router (mikrotik), setting cctv, mengerti pembagian ip.
- Memiliki skill SketchUp, dan fusion 3D.
- Bahasa Indonesia (Native), English (Berbicara dan Menulis).
- Mahir dalam penggunaan Microsoft Office
- Passion: Gaming.



Agum Aditya		LISTENING		TOTAL SCORE 840
Name		Your score	455	
17102056	1999/05/29		495	
Identification Number	Date of Birth (YYYYMMDD)			
2022/07/29		2024/07/29		
Test Date (YYYYMMDD)	Test Center (YYYYMMDD)	Your score	385	
			495	
Client/Institution Name: INSTIK Indonesia Bali				
<small>ETS Institutional Test Center: Plaza Sunda, 17th Floor, Jl. Sudirman, Jakarta, 12131 <small>ETS Institutional Test Center: Plaza Sunda, 17th Floor, Jl. Sudirman, Jakarta, 12131 <small>ETS Institutional Test Center: Plaza Sunda, 17th Floor, Jl. Sudirman, Jakarta, 12131</small> </small> </small>				

LISTENING

Your score range is between 30 and 495. Test takers who score around 400 typically have the following strengths:

- They can take the overall idea, purpose, and basic content of short audio exchanges within a social range of vocabulary, such as when conversational responses are indirect or not easy to predict.
- They can refer to content like a place and basic content of extended spoken texts within a social range of vocabulary. They can do this even when the information is not supported by repetition or paraphrase and when it is necessary to correct information within the text.
- They can understand details in short spoken and written materials when the information is not supported by repetition or paraphrase and when it is necessary to correct information within the text.
- They can understand details in extended spoken texts, even when it is necessary to correct information given the text and when the information is not supported by repetition. They can understand details when the information is supported by other linguistic context like the present.
- They can understand typical of test items who score around 400, see the Proficiency Description Table.

ABILITIES MEASURED

PERCENT CORRECT OF ABILITIES MEASURED

0% 100%

READING

Your score range is between 30 and 495. Test takers who score around 400 typically have the following strengths:

- They can take the overall idea and content of a written text, and they can take information about details.
- They can read for meaning. They can understand factual information, even when it is paraphrased.
- They can understand information given and not given within a text, even when the vocabulary and grammar of the text are difficult.
- They can understand individual vocabulary. They can understand common difficult vocabulary in context, including meanings of common words and idiomatic usage.
- They can understand non-lexical grammatical structures. They can also understand effects, content, and structure of grammatical constructions.
- They can understand typical of test items who score around 400, see the Proficiency Description Table.
- If your performance is close to 400, you should review the description to see where you score most well.

ABILITIES MEASURED

PERCENT CORRECT OF ABILITIES MEASURED

0% 100%

Can understand general and specific information based on a short text that is explicitly stated in short spoken texts	0% 80 100%
Can understand general and specific information based on a short text that is explicitly stated in extended spoken texts	0% 85 100%
Can understand details in short spoken texts	0% 80 100%
Can understand details in extended spoken texts	0% 80 100%

Can understand information based on a short text that is explicitly stated in short spoken texts	0% 80 100%
Can understand and understand specific information in short spoken texts	0% 75 100%
Can understand information based on multiple sentences in a single written text that are not explicitly stated	0% 66 100%
Can understand vocabulary in short spoken texts	0% 80 100%
Can understand grammar in short spoken texts	0% 84 100%

* Proficiency Description Table can be found on our web site, www.ets.org/toeic

HOW TO READ YOUR SCORE REPORT:

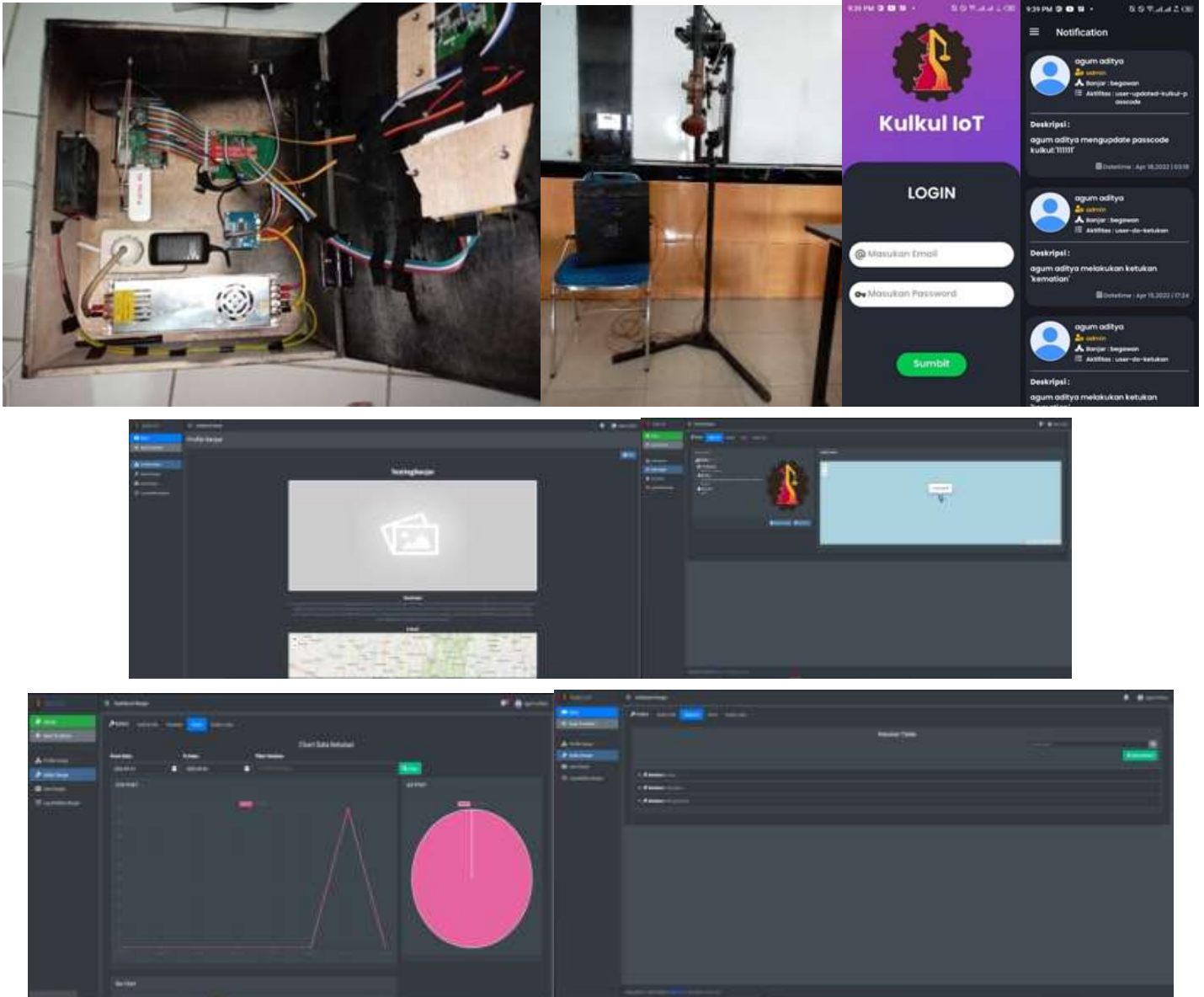
Percent Correct of Abilities Measured

Knowledge of basic, the extended vocabulary is the best score for students who are not fluent in English. Their performance on questions testing their ability to understand the performance of the test takers who take other forms of the test score performance on other test forms.

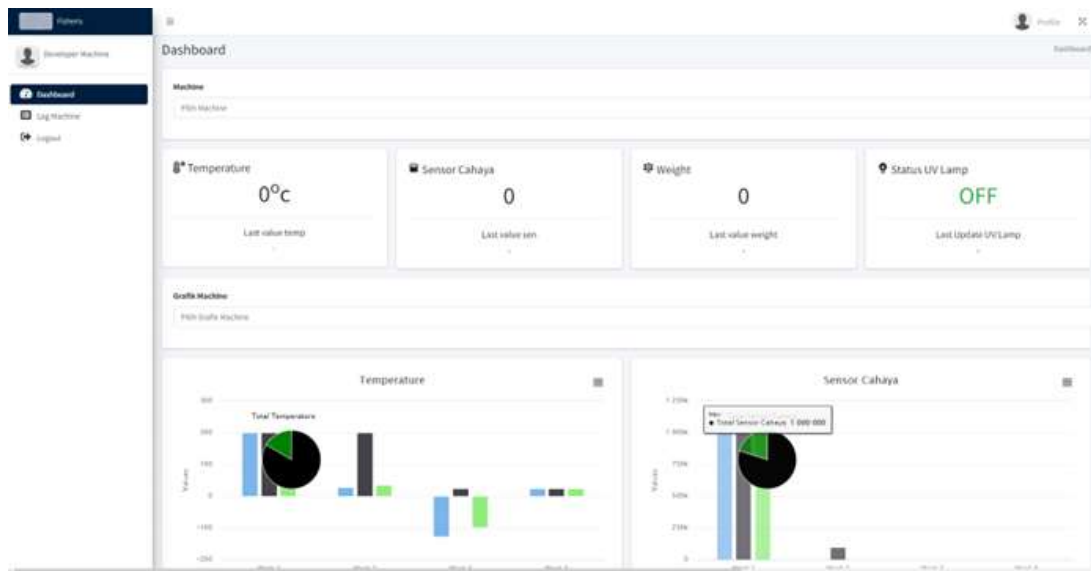
Note: TOEIC scores are based on the test score and are not rounded up or down.

Portofolio

Project Tugas Akhir Kukul IoT
Teknologi : Raspberry Pi, Laravel, AdminLTE, Android Studio, Firebase

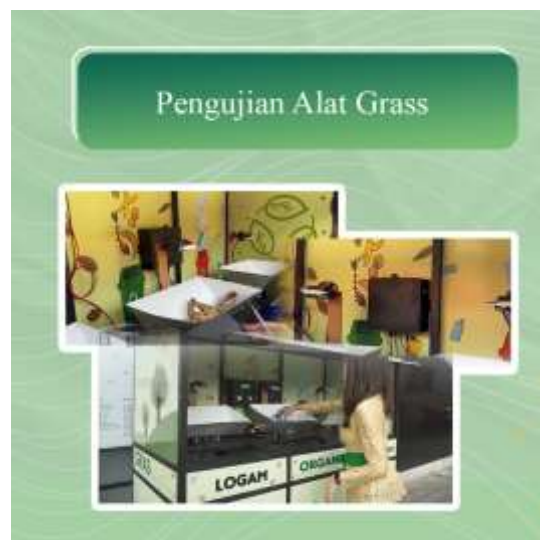


Project Fisheris dan Dryfitech
project pedanaan Inovillage dari Telkom Indonesia
Teknologi : IoT , sensor berat,suhu,cahaya, PLTS



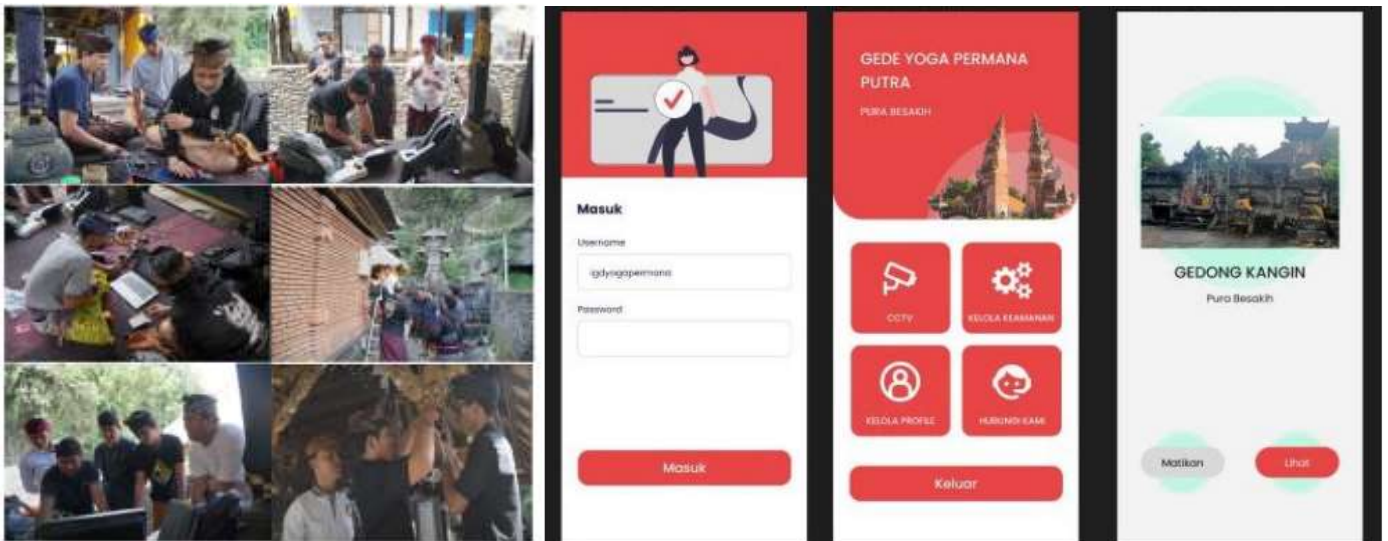
Grass System

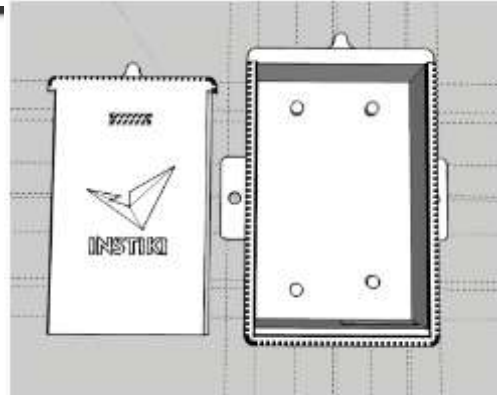
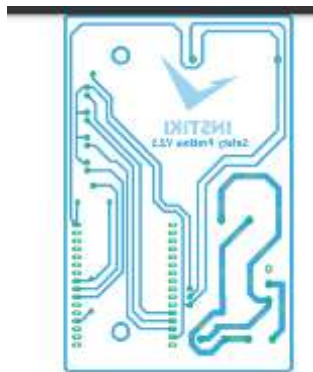
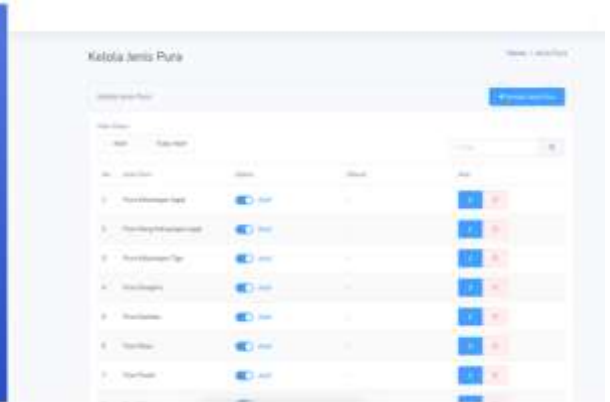
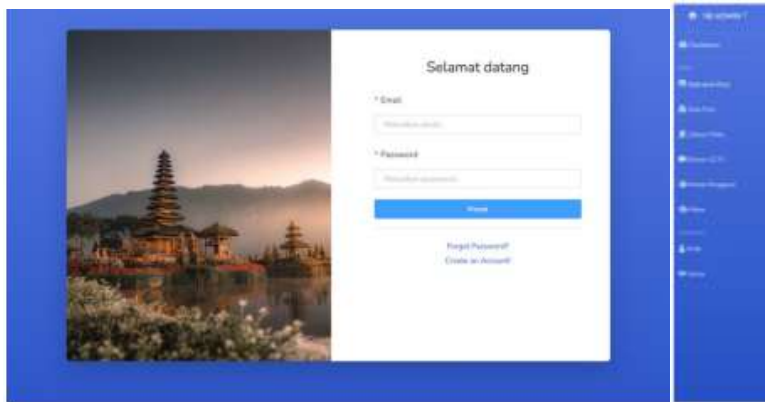
Alat Pemilah Sampah Menggunakan AI dan Sensor Capacitive bersama Kaidereka, Bumdes dan INSTIKI
Teknologi: AI (yoloV8), Raspberry pi, ESP 32, Arduino



Safety Pratima

Proyek monitoring dan pemangamanan benda pusaka bali bersama BRIDA dan Instiki
Teknologi : TTGO SIM7000, Magnet sensor, AI (human detection), mobile app, web app.





Gambar 2.36 Hasil Box yang Telah Cetak



Salt Mate

Proyek Monitoring Rumah Kaca untuk Pengeringan Air Garam

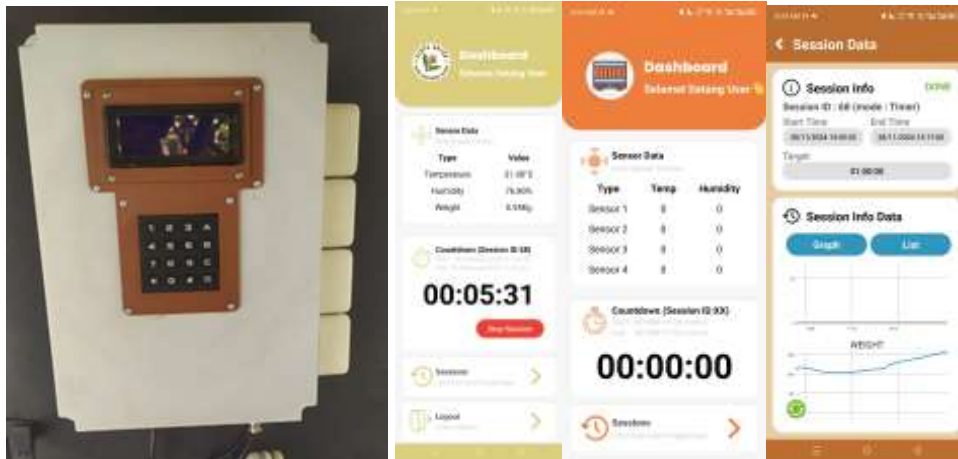
Teknologi : Android Studio, Laravel, ESP 32, Sim Module



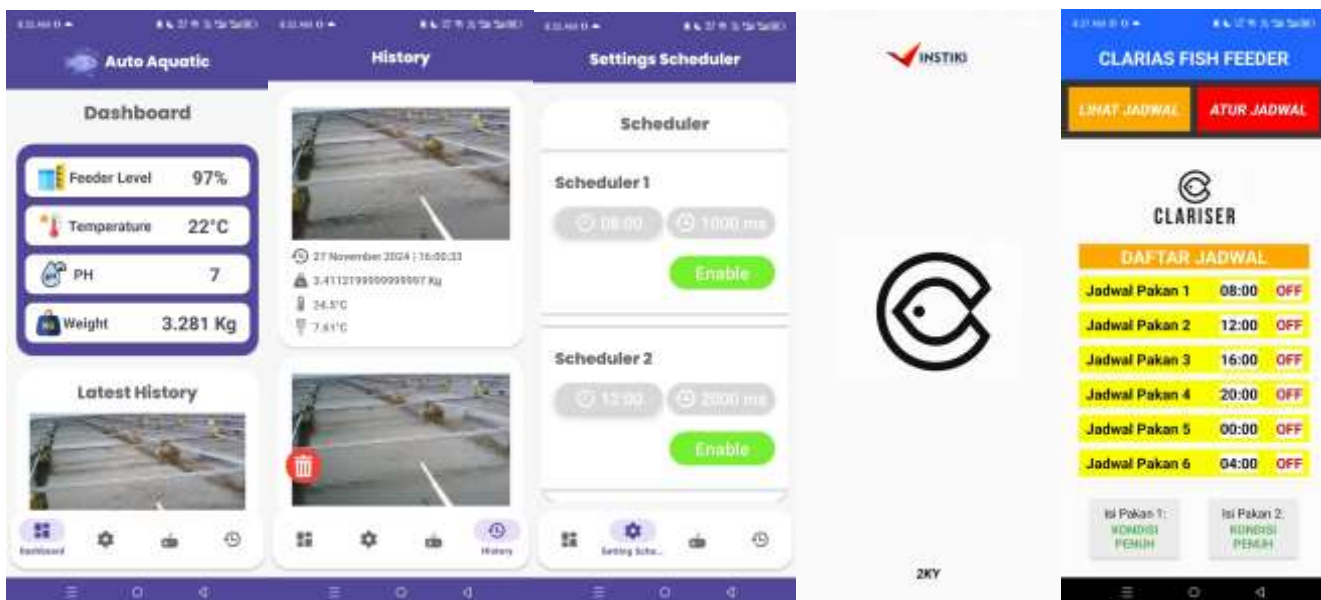
Project Freelance

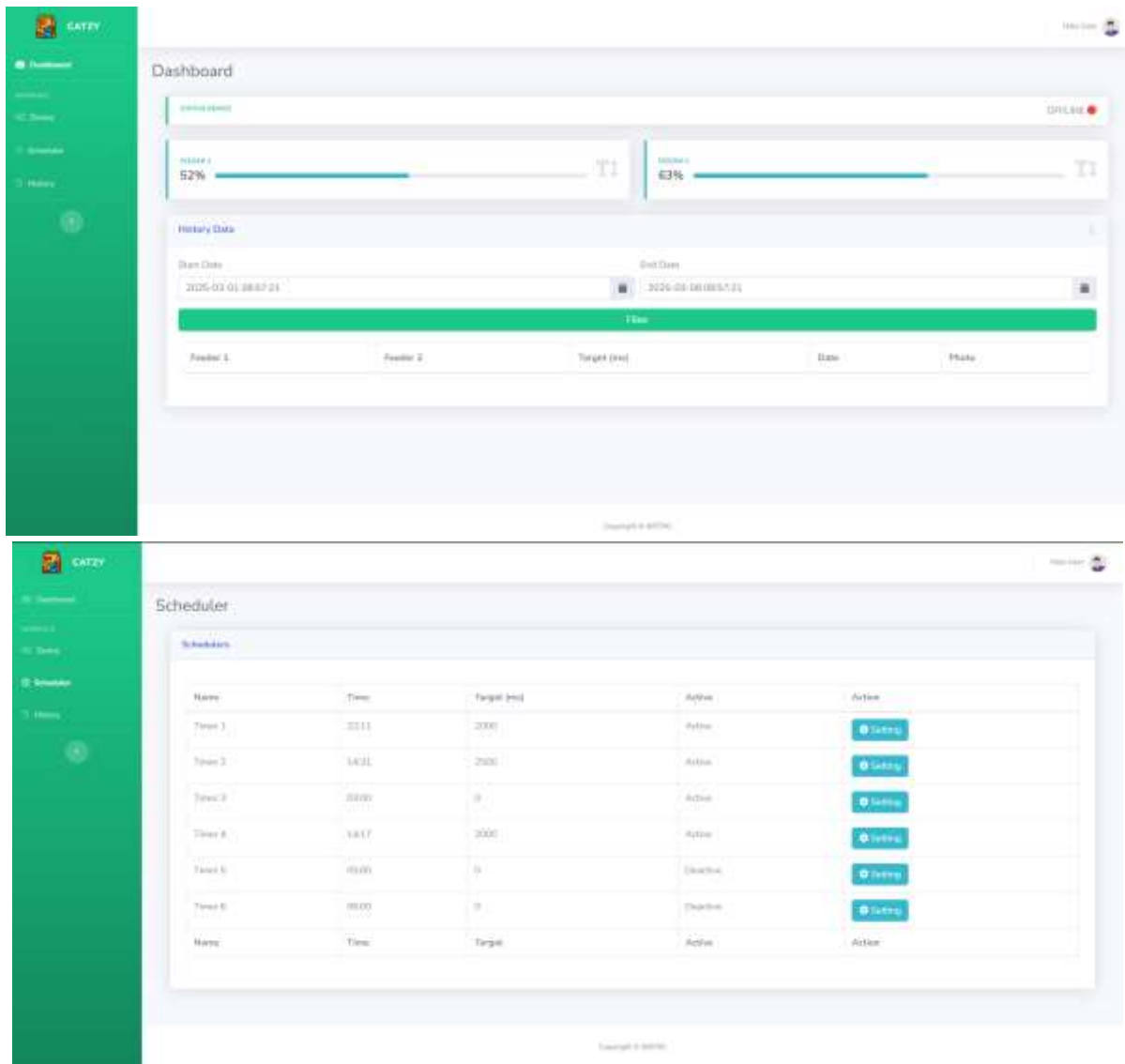
Teknologi yang biasa digunakan: Laravel , mysql, android studio, expo, bootstrap , livewire, reactjs

lot Alat Pemanas



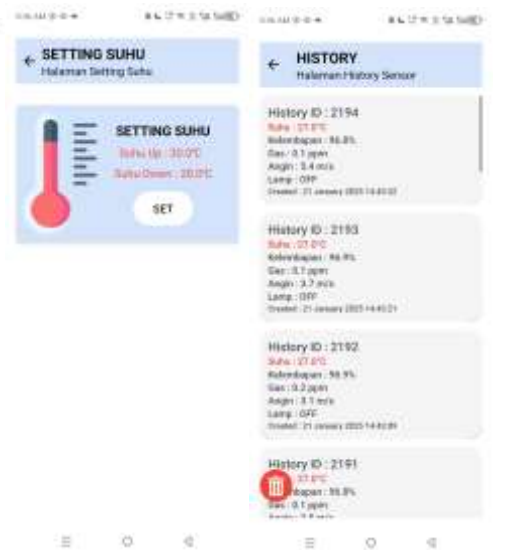
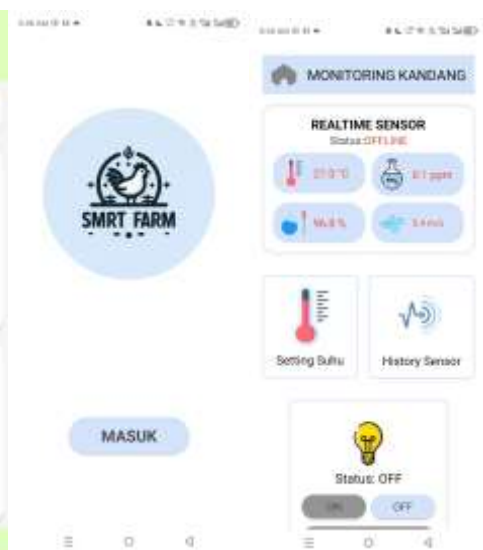
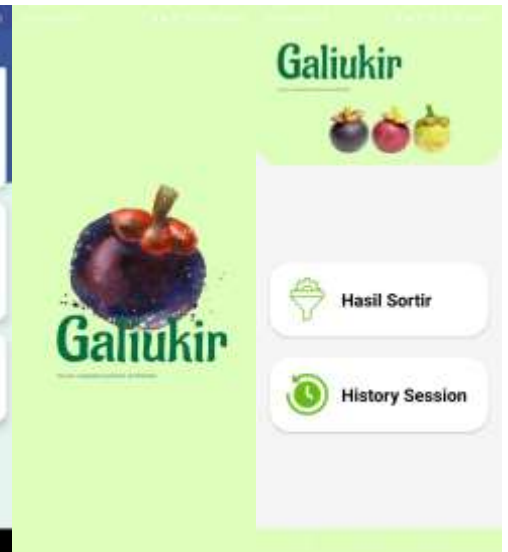
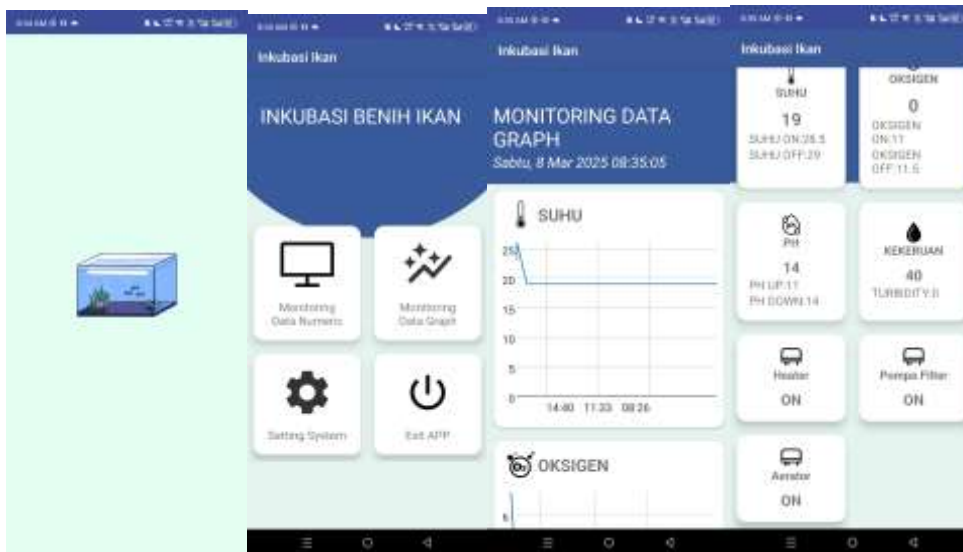
Proyek Pemberi pakan

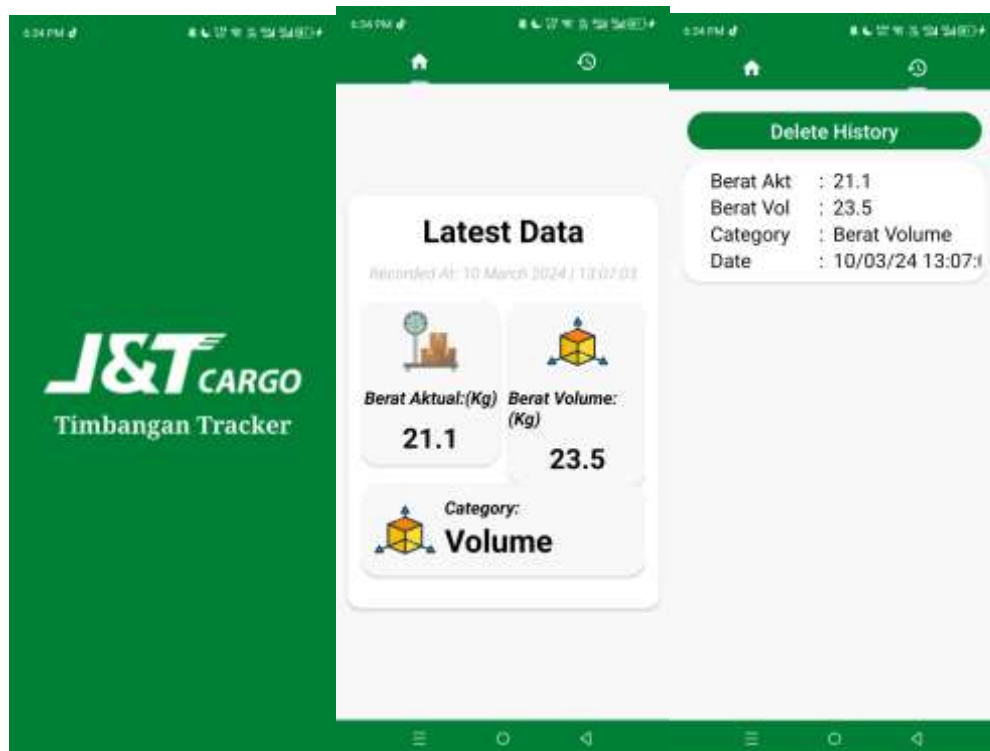


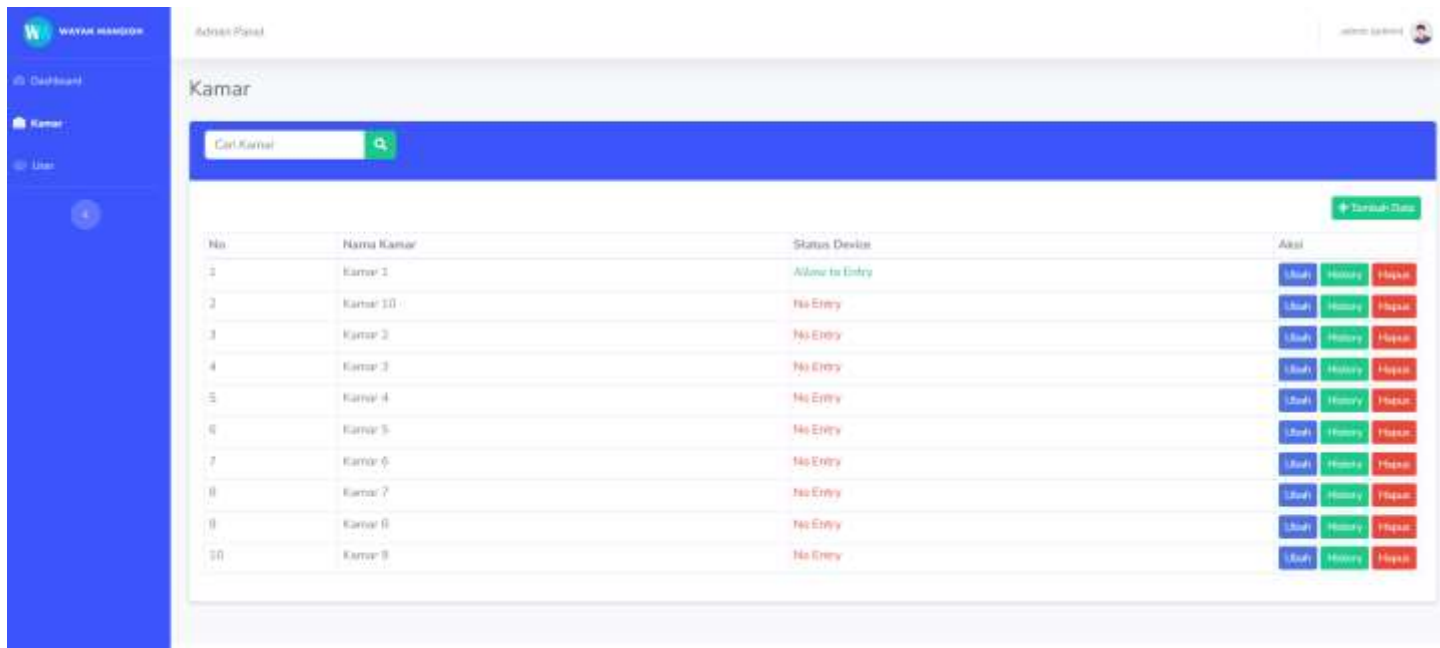
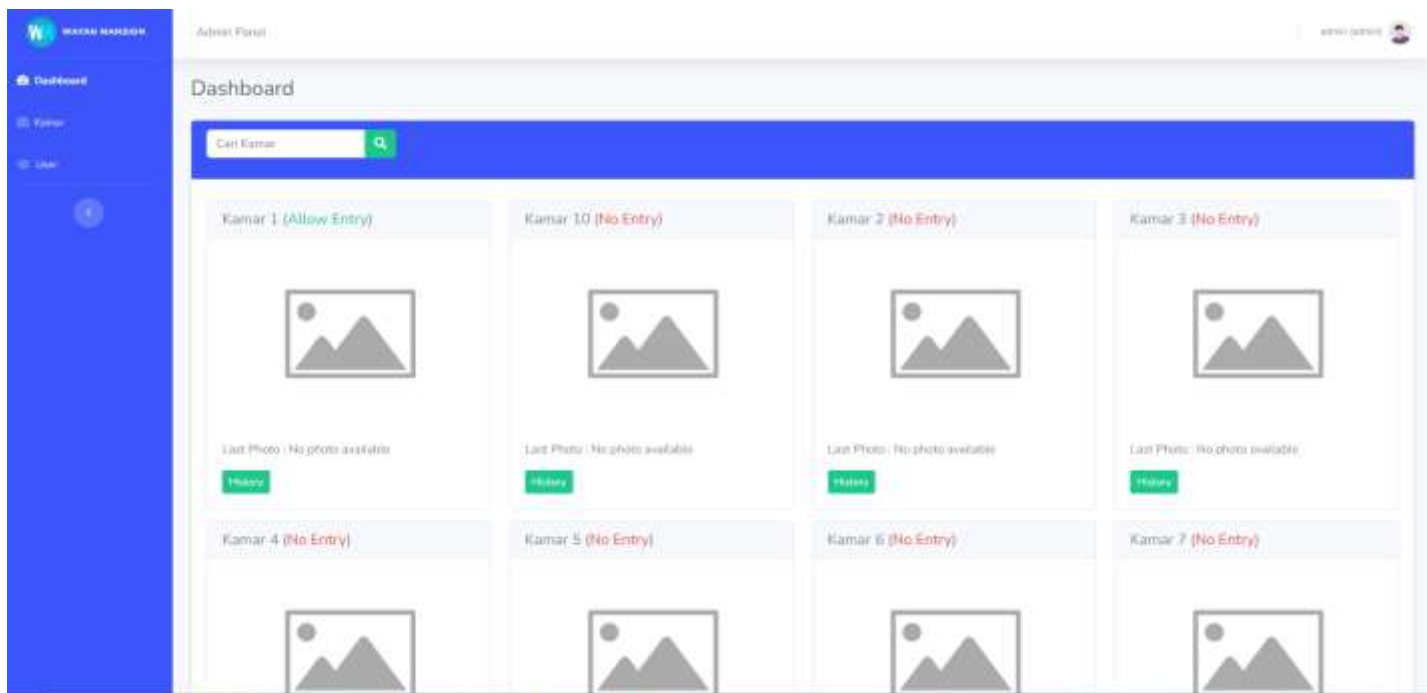


Project monitoring IoT

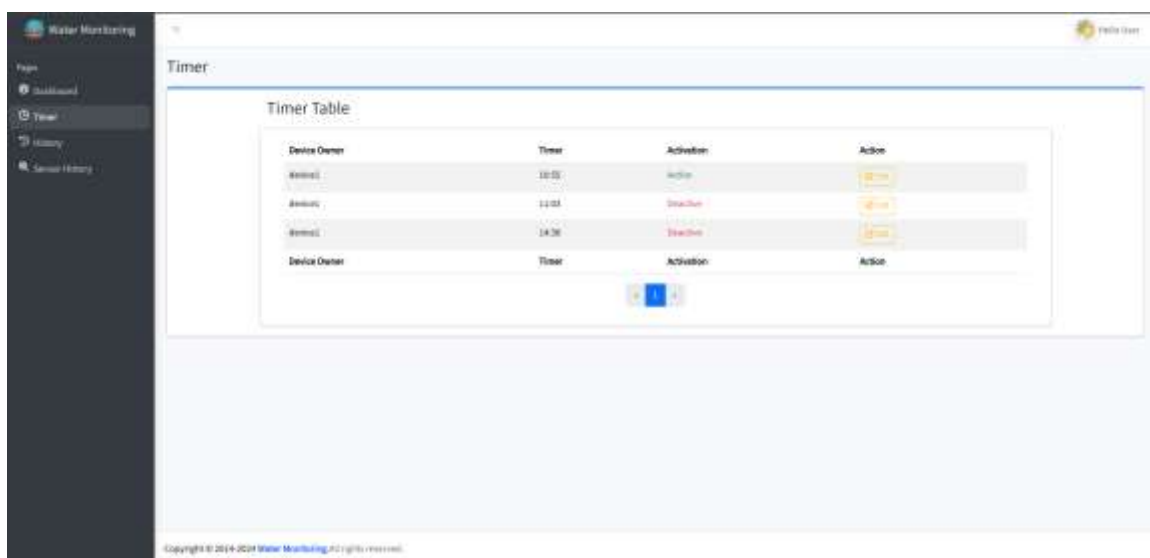
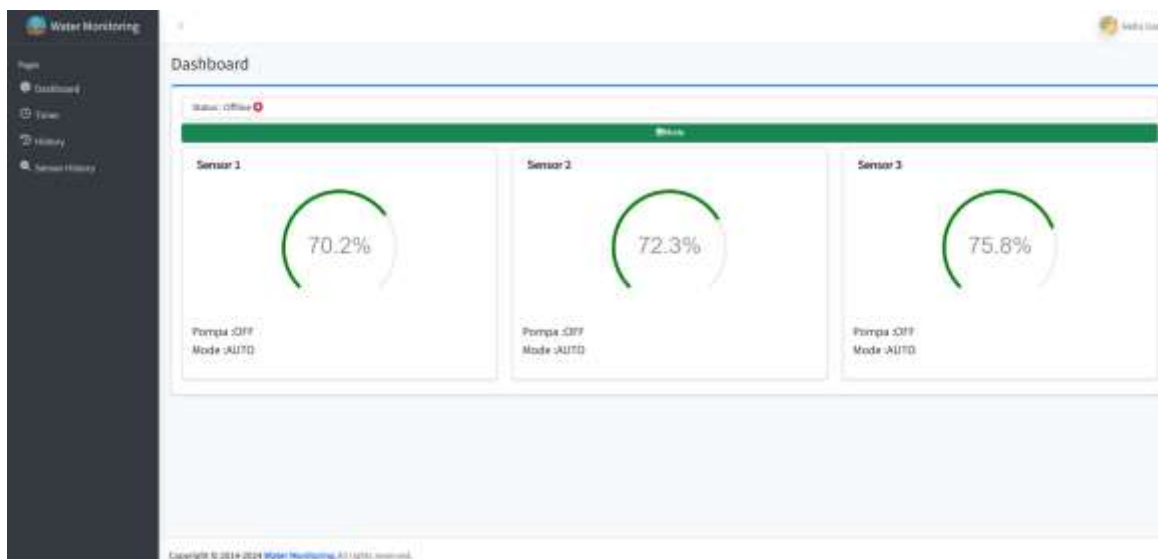
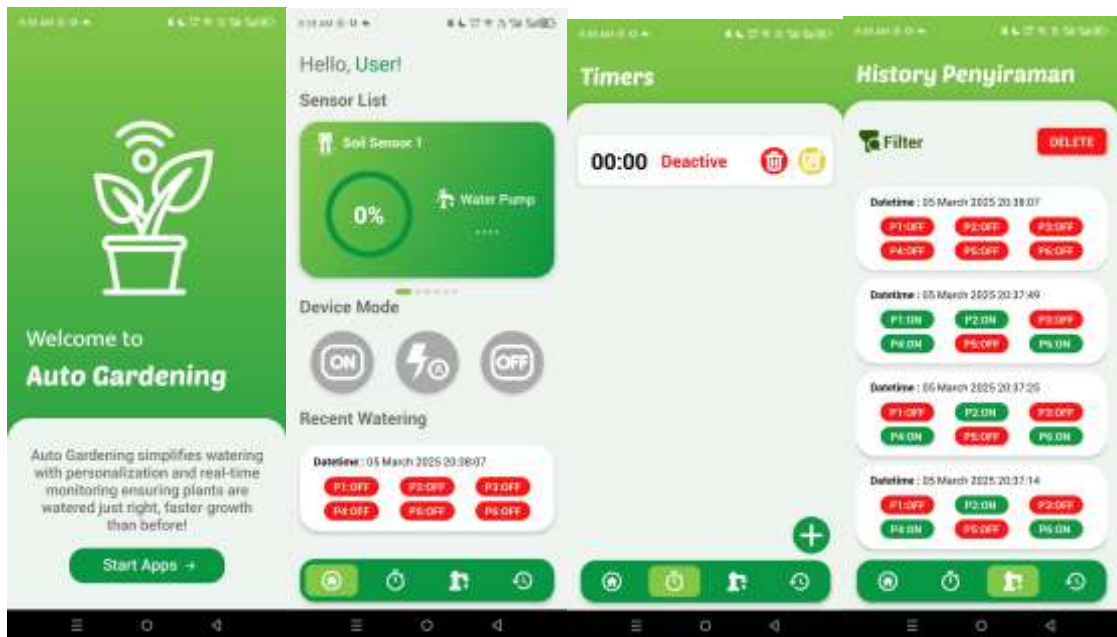








Project Penyiraman



Water Monitoring

History

History Table

Start Date: dd/mm/yyyy End Date: dd/mm/yyyy

Search

Device Name	Status Pompa 1	Status Pompa 2	Status Pompa 3	Created At
device1	OFF	OFF	OFF	07 March 2025 11:08:56
device1	OFF	OFF	OFF	07 March 2025 11:04:49
device1	OFF	OFF	OFF	07 March 2025 11:04:30
device1	OFF	OFF	OFF	07 March 2025 11:05:14
device1	OFF	OFF	OFF	07 March 2025 11:05:08
device1	OFF	OFF	OFF	07 March 2025 11:05:39
device1	ON	ON	ON	07 March 2025 13:45:00
device1	ON	OFF	ON	07 March 2025 13:45:53
device1	ON	OFF	ON	07 March 2025 13:46:00
device1	ON	OFF	ON	07 March 2025 13:27:53
History Name	Status Pompa 1	Status Pompa 2	Status Pompa 3	Created At

1 2 +

Project Pengamanan IoT

