



Portfolio

ROVY SAPUTRA NUGERAHA

Informatics Enggining



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ABOUT ME

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I am a 6th semester student of the Informatics Engineering Study Program, Faculty of Engineering, Raja Ali Haji Maritime University (UMRAH). During college, I started to explore the world of IT, this really attracted my attention to continue developing my innovation and creativity. Not only that, I am currently studying IT in the field of Web Programming and Data Analysis.

EDUCATION

Raja Ali Haji Maritime University (UMRAH)

2021 - Present

Currently I am studying at the Applied Bachelor level at the Faculty of Maritime Engineering and Technology with the Informatics Engineering Study Program.

(Current GPA: 3.71/4.00)



Independent Student Exchange Batch 4, Dian Nuswantoro University (UDINUS)

February - July 2024

In the 6th semester I took part in the Batch 4 Independent Student Exchange program held by the Ministry of Education and Culture and Technology and managed to qualify at Dian Nuswantoro University (UDINUS) for 1 semester.



Lingga 1 Public High School

2018 - 2021

When I was studying at SMA Negeri 1 Lingga I took Mathematics and Natural Sciences which included (Mathematics and Natural Sciences), for a period of 3 years.



PERSONAL SKILL

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Tool Skills



Skill Sets



MY LAST JOURNEY

Present

STUDENT CREATIVITY PROGRAM

Directorate of Learning and Student Affairs (Belmawa)

Student creativity program

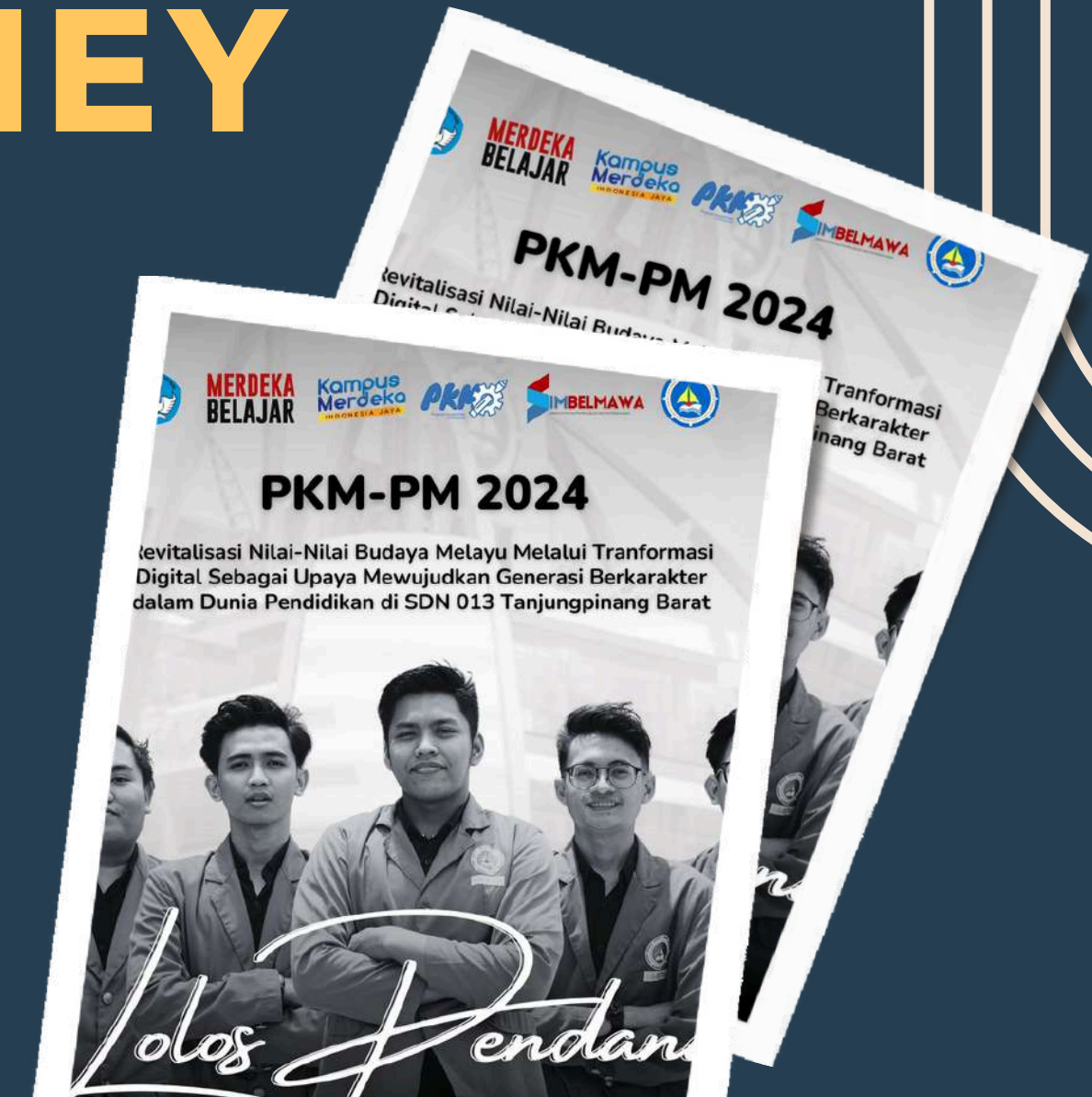
- Successfully passed the funding stage for the Student Creativity Program from 3520 proposals & fields offered.
- Implementing 3 main programs with. focus on School Profile Websites, E-Learning, revitalization of technology such as digital attendance.
- Carry out all community service activities for 3 months according to a predetermined schedule and have the opportunity to gain valuable experience at SDN 013 Tanjungpinang Barat.

Present

INDEPENDENT STUDENT EXCHANGE BATCH 4

Dian Nuswantoro University Semarang, Indonesia

- Carrying out intense personal skills with 80 students from all universities in Indonesia, aims to improve public speaking and collaborative teamwork.
- Carry out all informatics course activities for one semester in accordance with the provisions
- The curriculum established in semester 6 has the opportunity to gain new perspectives in academic studies. Carrying out 14 Nusantara Module activities organized by Dian Nuswantora University

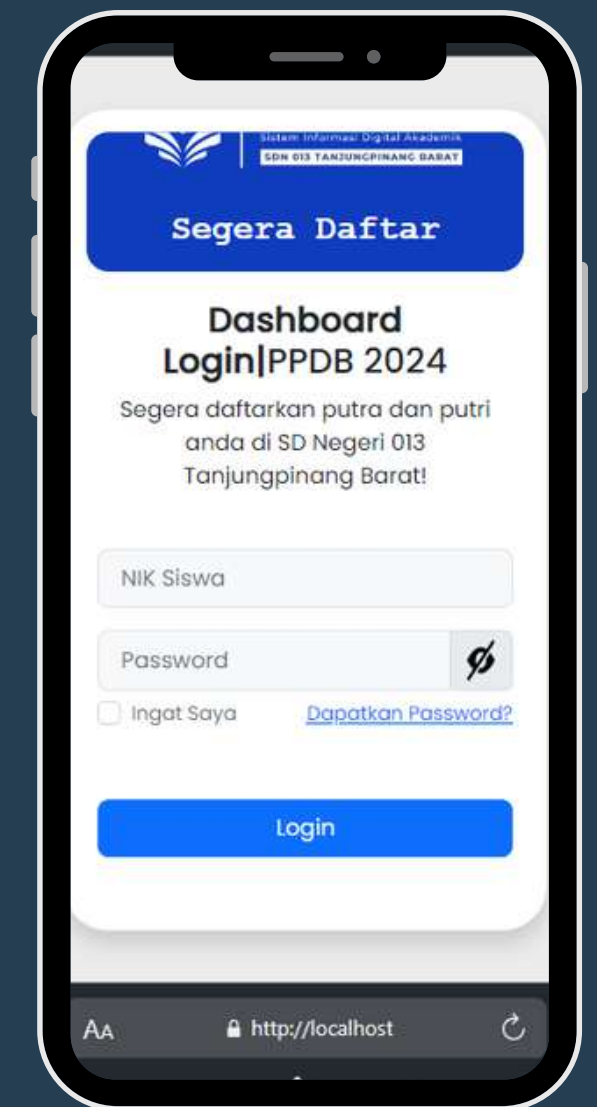
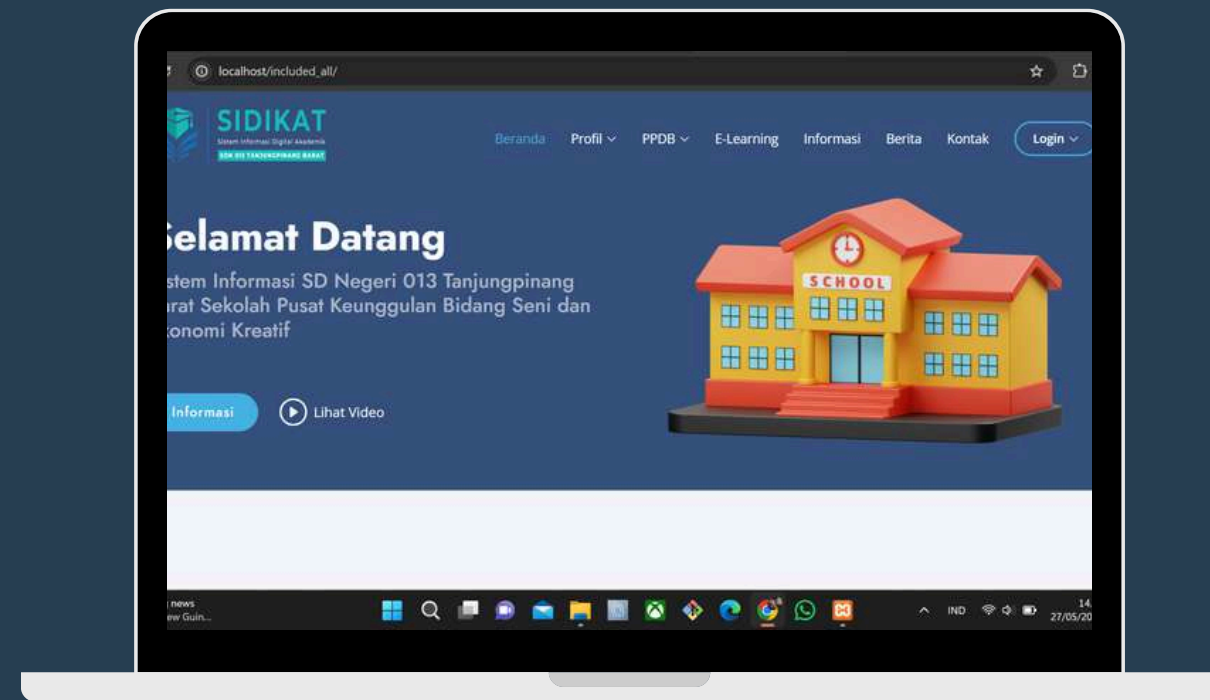


WORK EXPERIENCE



1. Design of Information Systems and Management of New Students at SD Negeri 013 Tanjungpinang Barat

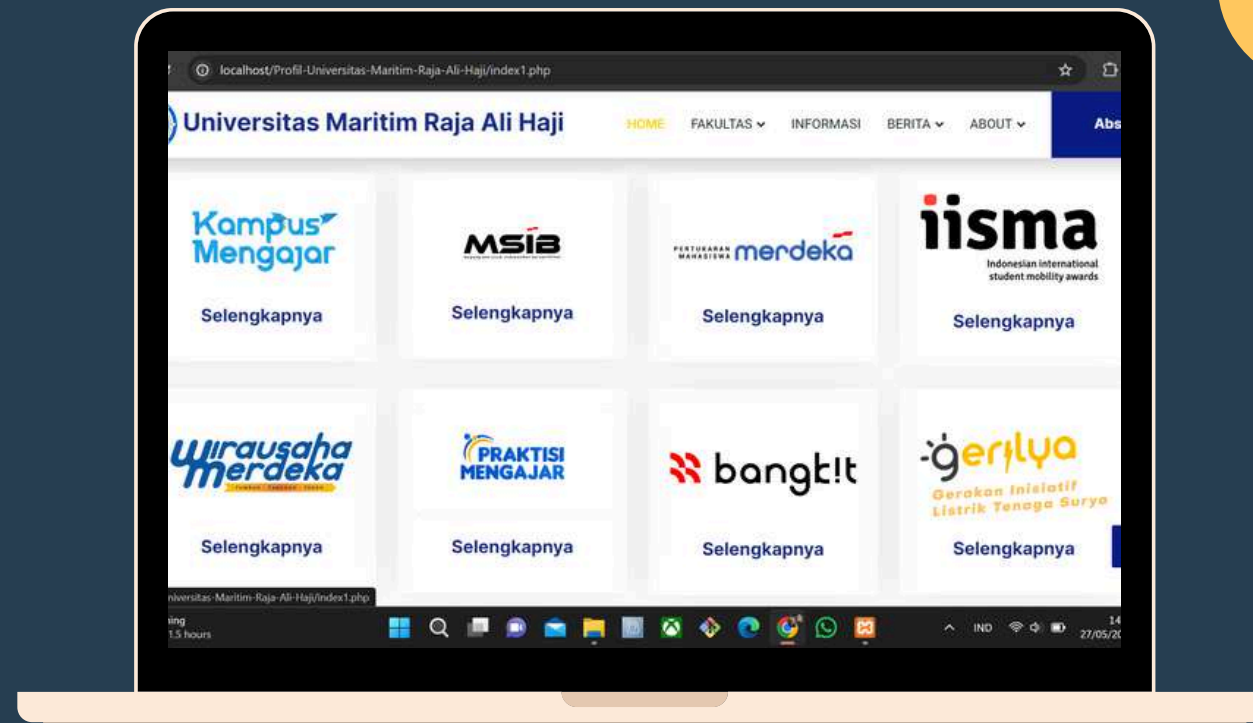
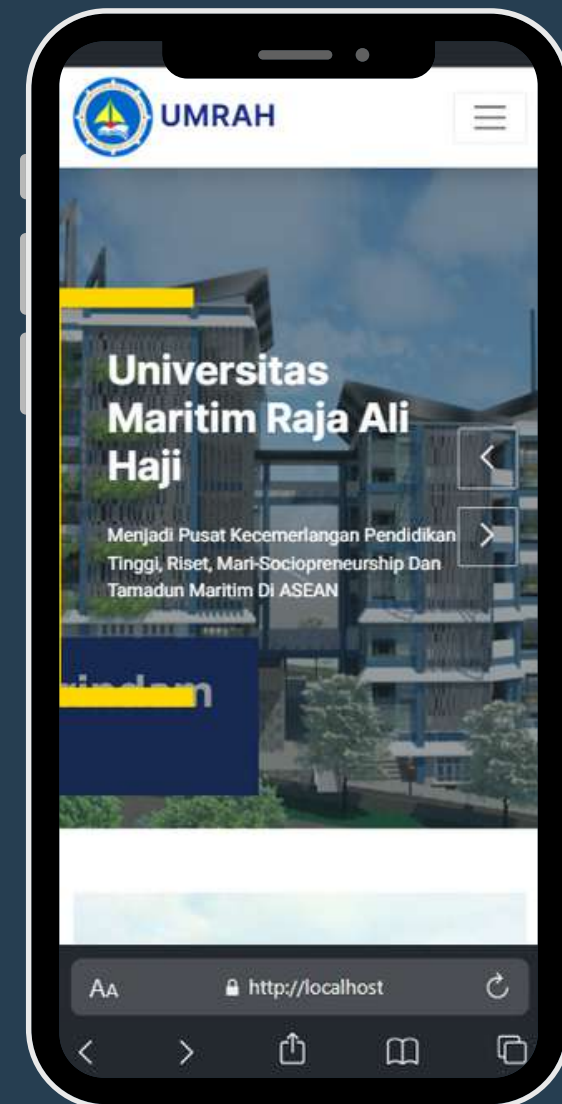
Do research and see what conditions are needed at SDN 013 Tanjungpinang Barat. Then we provide innovation in the development of renewable technology. And also the application of new technology at SDN 013 Tanjungpinang Barat.



WORK EXPERIENCE



2. Raja Ali Haji Maritime University (UMRAH) Website Profile Design

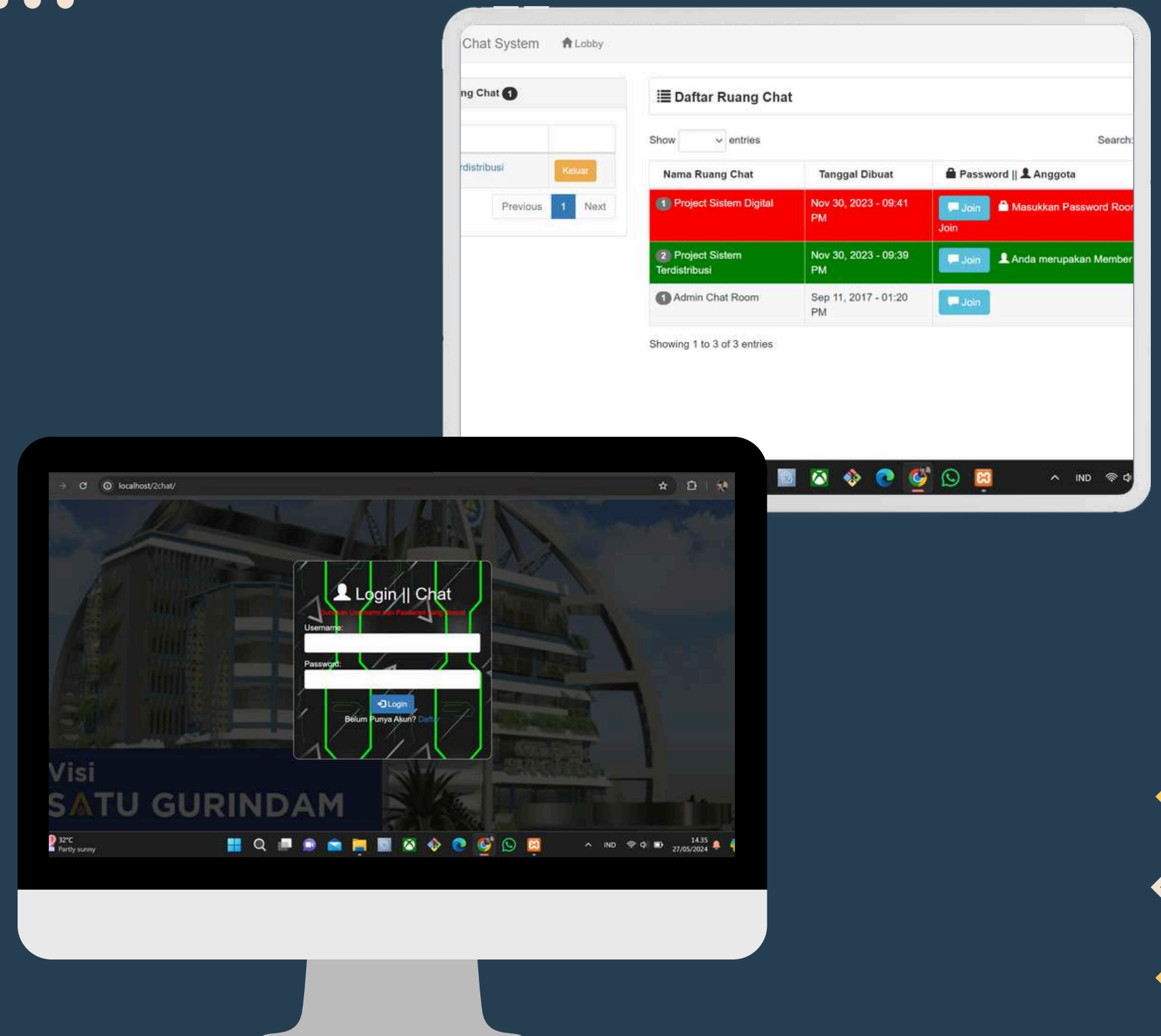


UI/UX Design of Raja Ali Haji Maritime University (UMRAH) Profile Website. Then I also built a profile website for the Raja Ali Haji Maritime University (UMRAH). In this system, an employee attendance system is also implemented.

WORK EXPERIENCE

3. Building a Distributed Chat Based Website

Building a digital attendance system based on Arduino Uno. Then This system can also manage student attendance through a digital system and can be exported to Excel to make it easier to record student attendance data. And try to learn and implement IoT system development.

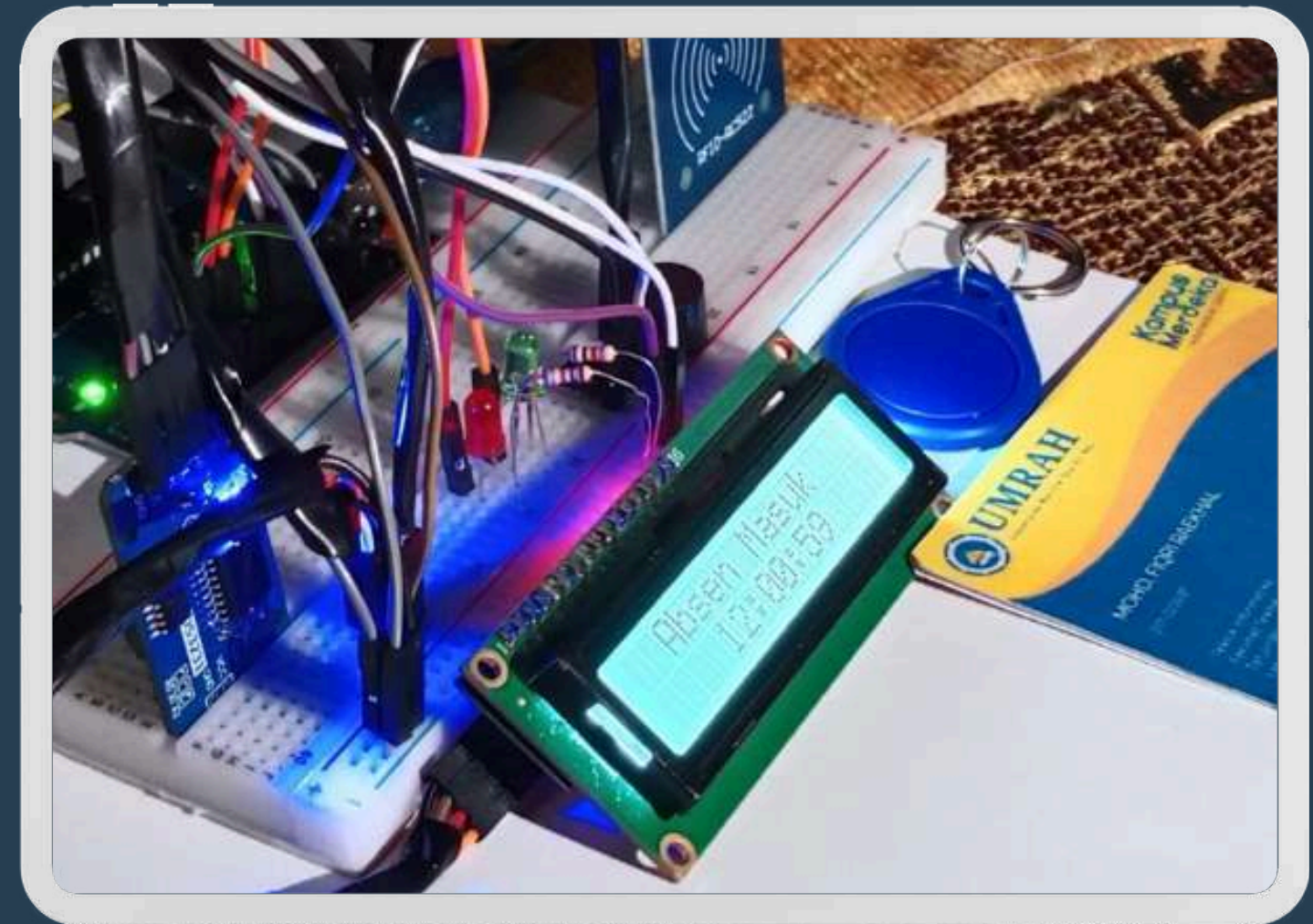


WORK EXPERIENCE

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4. Building an Arduino Uno Based Attendance System

Building a digital attendance system based on Arduino Uno. Then This system can also manage student attendance through a digital system and can be exported to Excel to make it easier to record student attendance data. And try to learn and implement IoT system development.

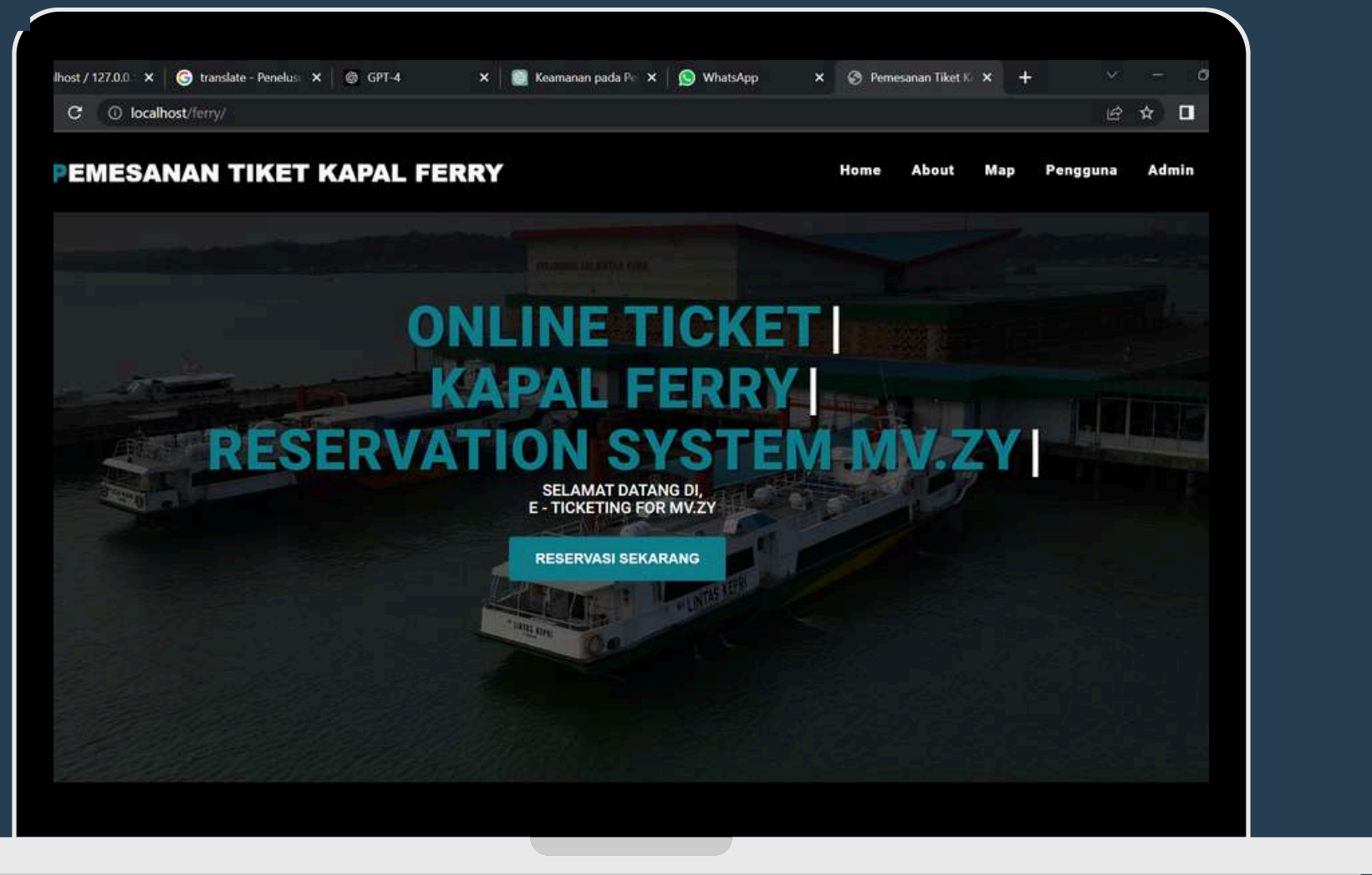


WORK EXPERIENCE



5. Design of a Ferry Ticket Ordering System

Designing an online ship ticket ordering system, where the aim of this system is to make it easier for ship delivery service users at the Sri Bintan Pura Tanjungpinang port. This system still requires further development so that it can accommodate the data needed by passengers and provide more effective and efficient online ticket sales services.

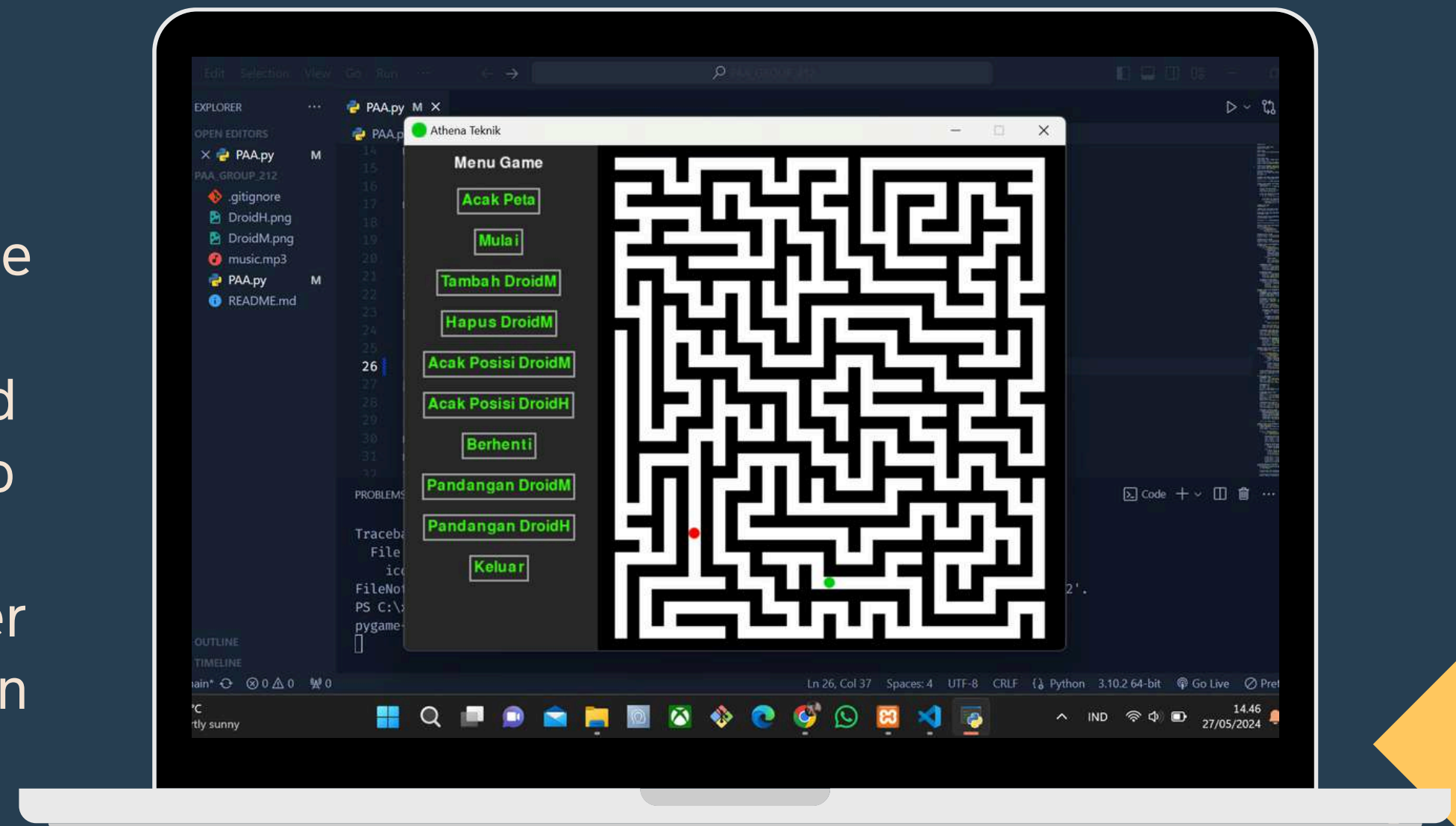


WORK EXPERIENCE



6. Gameplay Droid Merah dan Hijau

One of the projects in semester 4 was to create a game where the droid was the key in the game. This system was designed and adapted to the algorithm that had been taught. How to build a game system by implementing important aspects in an algorithm, so that later you can get good results in the implementation of the system to be built.



ORGANIZATIONAL EXPERIENCE

2023

Volunteers for Basic Leadership
Training (LDK) in Informatics
Engineering

I became one of the volunteers in basic leadership training activities and joined the Public Relations Division. I learned many new things from participating in this activity, such as having a leadership spirit and teamwork and even good time management.



Public Relations Division



Public Relations Division

ORGANIZATIONAL EXPERIENCE



2019-2020

Chair of the Lingga
Regency GenRe Forum



I had the opportunity to serve as chairman of the Lingga Regency GenRe Forum for 1 period. Being a forum chairman is not an easy thing because as chairman we have to know how the other members are performing. I have a strong spirit and am passionate about building this organization to become bigger and well known to the public. GenRe is a facility for me, a teenager who wants to know how to live a planned life. Many things have been gained from this organization and it has made me apply the knowledge contained in it to this day.

ORGANIZATIONAL EXPERIENCE



2023

Chairman of PIK-Teenager
BERTUAH SMAN 1 Lingga

Being part of the big family of PIK-Remaha BERTUAH SMA Negeri 1 Lingga is an experience that I will never forget. I learned to be a leader and at that time I was involved in 2 organizations that required me to be the chairman. Organizations are the right medium to develop the skills we have. When I served 2 terms at PIK-Remaja BERTUAH, thank God PIK-Remaja Bertuah was accepted into GenRe activities at the Lingga Regency level. Not only that, PIK-Remaha Bertuah also led me to become the GenRe Ambassador for the Riau Islands Province.





CERTIFICATED

Appreciation of GenRe Ambassador Riau Islands Province

I am the GenRe Ambassador representative for Lingga Regency at the Riau Islands Province level. I won the Best Costume award at that event. Becoming an Ambassador is a person who is a pioneer in the progress of the Planning Generation in both Lingga Regency and Riau Islands Province.

Appreciation of the Ambassador Event and National Planning Generation December 2020 Creativity Jamboree

Having been a jamboree participant at the national level has given me experience both in the form of personal experience and experience collaborating with the team that took part in the event.

GEMASTIK XV National Student Performance in the Field of ICT

I am a member of the Programming Division and a representative from Raja Ali Haji Maritime University (UMRAH) in the GEMASTIK XV event. By taking part in these activities, I have knowledge of programming languages and good time management and of course consistent collaboration with the team.

Riau Islands Province Indonesian Language Debate Competition

Menjadi perwakilan SMA Negeri 1 Lingga dalam kompetisi debat tingkat Sekolah Menengah Atas Se-Provinsi Kepulauan Riau. Menjad pembicara ketiga mengajarkan saya tentang public speaking yang baik dan berfikir kritis untuk mendapatkan argumen yang terbaik.

Deputy Chairman of the Student Council of SMP Negeri 1 Lingga

Being a representative in an organization, especially the OSIS at the junior high school level, has made me enthusiastic about finding out and learning to be a leader since I was in school.

CERTIFICATED



CERTIFICATED

Take the UX Design Class for Beginners

I took a UX design class to learn to be a great designer where the knowledge provided was very useful for me. This class is great for beginners like me to learn more about how UI/UX architecture can attract users.

Followed by React Js Class with Dea Course Mentor

I took the React Js class held by the Dea Course mentor as my first step into becoming a young developer.



CERTIFICATED

Participate in Basic Competition Selection aimed at Domestic Government Institutions

I once took part in the Basic Competition Selection for the Institute of Domestic Government agencies. One of my dreams is to enter a government agency, especially the domestic government.



ADDITIONAL INFORMATION

PUBLICATION

Journal of Information
Systems Design and
Management of New
Students at SD Negeri 013
Tanjungpinang Barat

Visit Journal



EXPLORE – Volume 14 No 1 Tahun 2024
Terakreditasi Sinta 5 SK No : 23/E/KPT/2019

p-ISSN : 2087-894X
e-ISSN : 2656-615X

Sistem Informasi dan Pengelolaan Pendaftaran Peserta Didik Baru SD Negeri 013 Tanjungpinang Barat

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Mohd. Fiqri Raekhal⁴ dan Hardi Prayuda⁵

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Abstrak – Sistem Informasi Sekolah dan Pendaftaran Ulang Peserta Didik Baru di SDN 013 Tanjungpinang Barat merupakan inovasi yang strategis dalam menghadapi tantangan pengelolaan data sekolah dan proses pendaftaran ulang yang masih mengandalkan metode manual. Dengan memanfaatkan teknologi informasi, sistem ini bertujuan meningkatkan efisiensi operasional, akurasi data, dan memberikan pengalaman pendidikan yang lebih baik kepada peserta didik dan orang tua. Proses pendaftaran ulang yang saat ini kompleks dan memakan waktu akan diubah menjadi lebih efisien dan transparan. Melalui visibilitas yang ditingkatkan terhadap jadwal, kurikulum, dan perkembangan akademik, sistem ini tidak hanya memenuhi tuntutan peserta didik dan orang tua di era digital, tetapi juga memastikan ketaatan terhadap regulasi pendidikan. Dengan implementasi sistem ini, SDN 013 Tanjungpinang Barat berkomitmen untuk meningkatkan standar layanan.

ADDITIONAL INFORMATION



Revitalisasi Nilai-Nilai Budaya Melayu Melalui Tranformasi Digital
Generasi Berkarakter dalam Dunia Pendidikan di SDN 013 Tanjung

Skema

PKM Pengabdian Kepada Masyarakat

Pendanaan (Rp)

Rp6.000.000

Tahun

2024

Sisa (Rp)

Rp6.000.000

Perguruan Tinggi

Universitas Maritim Raja Ali Haji
(UMRAH)

Ketua

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ACHIEVEMENT

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Education and Culture.

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THANK YOU

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***Become Someone Who
Can be Useful to Many
People.***

-rovy

