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Flarum Plus Software Proposal and Capabilities Overviem

A WEB BASED FORUM PLATFORM FOR UNIVERSITY STUDENTS

BY FLAREM PLUS SOFTWARE TEAM 2025

CONTENTS

PHASE 1

MEMBERS AND RESPONSIBILITIES

MEMBER	ROLE	RESPONSIBILITIES
Faris Amsyari Bin Saiful Fazamil [Leader]	Project Manager	• Representing the project coordinator. • Coordination of the team members in carrying out the project activities. • Final say in decisions if the team is unable to reach a decision.
	Programmer	• Works hand-in-hand with the lead programmer.
	Lead Designer	• Responsible for design of the system using UML and/or ERD. • Work closely with the programmers • to let them understand what to develop.
Akmal Danish Jasni	Lead Programmer	• Involved in software development tasks among developers. • Knowledge of programming language and tools.
	Designer	• Works hand-in-hand with the lead designer.
Mohamad Syafiq Haikal bin Abdul Aziz	Software Quality Assurance Manager	• Responsible for managing the quality of the project development.
	Sub-Designer	• Works hand-in-hand with the lead designer.
	Programmer	• Works hand-in-hand with the lead programmer.
Mir Mohammad Muaz	Software Configuration Manager	• Responsible for configuring the core system of the project development.

	Designer	• Works hand-in-hand with the lead designer.
	Programmer	• Works hand-in-hand with the lead programmer.
Muhammad Zaidani Bin Mohd Ezri	**Documentation Manager**	• Responsible for documentation of system design • Support project tracking.
	Sub-programmer	• Works together with the lead programmer

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ORGANISATIONAL PROFILE
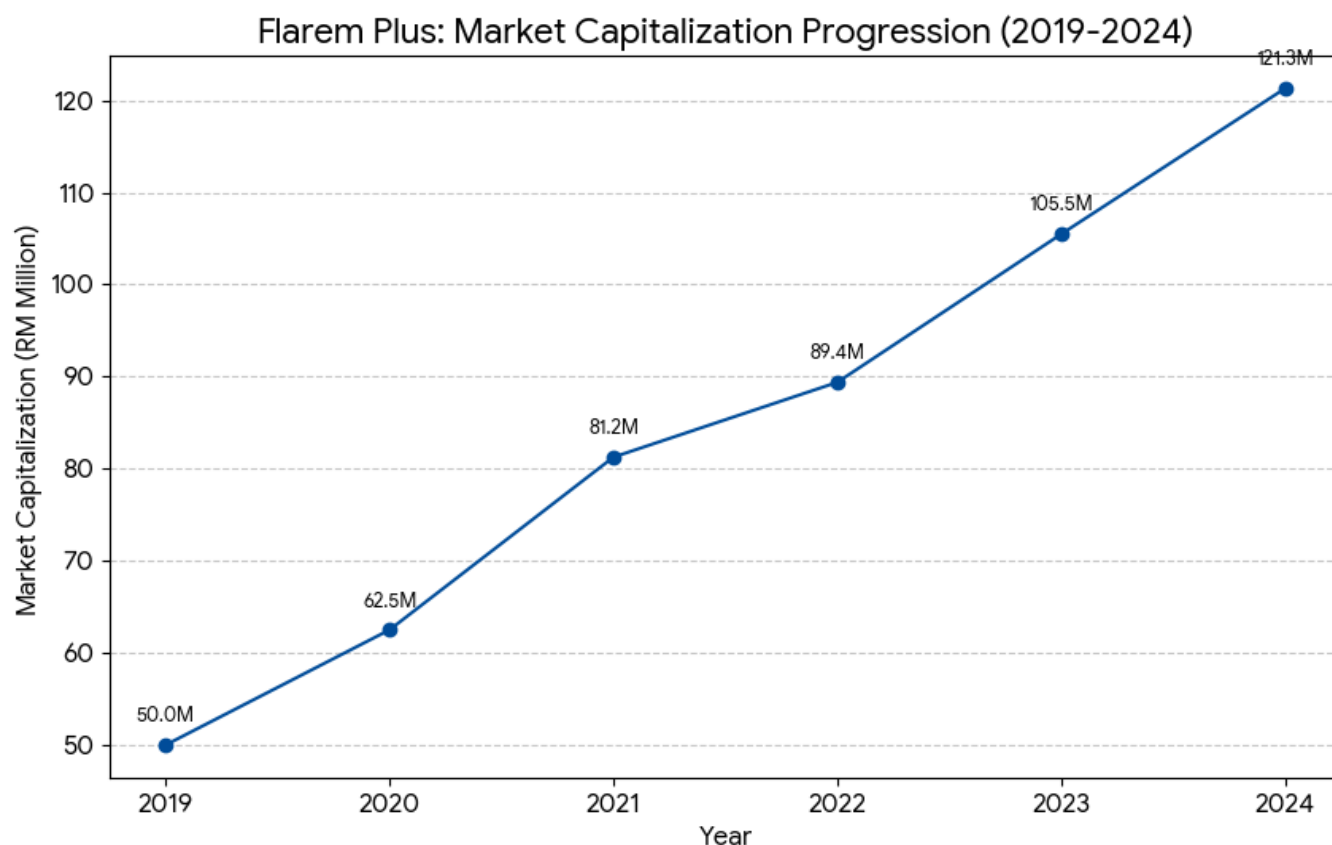
WHO ARE WE?

About Us

Flarem Plus was founded in 2019 by a group of software architects and industry professionals with a clear vision: to develop robust, scalable software solutions that foster secure and dynamic online communities. Our focus began with a commitment to advanced media integration and intuitive social architecture.

In 2024, after extensive research and development, we released the first enterprise version of our flagship product, "Forumium." This powerful, web-based forum suite was geared towards assisting and improving the digital engagement landscape for the higher education market (universities and colleges).

Since its successful launch, we have expanded our software solutions to include a diverse range of clients, from corporates and government-linked companies (GLCs) to primary and secondary schools within our client profiles. This makes "Forumium" a leading platform for both academic and professional development.

In addition to the market success of our products, our growth is also supported by strategic acquisitions and joint ventures. These partnerships enhance the quality of our platform (along with other aspects, such as data security and integration with existing learning systems) and solidify our position as a trusted leader in community-building software.

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Flarem Plus: Market Capitalization Progression (2019-2024)

Market Capitalization (RM Million) vs Year

- 2019: 50.0M
- 2020: 62.5M
- 2021: 81.2M
- 2022: 89.4M
- 2023: 105.5M
- 2024: 121.3M

The market capitalization graph for Flarem Plus tells a story of strategic success and resilience within the Malaysian EdTech sector, transitioning the company from a solid SME to a major enterprise player. Starting at RM 50.0 Million in 2019, the value confirms a stable base before major disruption. The most significant feature is the sharp, accelerated climb in 2020–2021 (reaching RM 81.25 Million), which demonstrates the product's immediate essentiality during the MCO period; universities rapidly adopted Forumium to solve their critical need for organized, remote collaboration.

The subsequent slowing of growth in 2022 (a 10% increase) shows healthy market normalization rather than a decline, proving the product's value is sticky and recurrent, not just a pandemic necessity. Finally, the return to a strong, high double-digit growth rate in 2023–2024 (to over RM 121.29 Million) confirms the company's successful strategic shift: securing high-value, long-term contracts with GLCs and major institutions, firmly establishing Flarem Plus as a low-risk, indispensable knowledge management solution for the corporate and education markets.

Mohamed Ali Bakar
Chairman / Independent Non-Executive Director

Nationality: Malaysian **Age:** 45
Date of Appointment as Director of Flarem Plus: 6 July 2017

Qualification
Bachelor of Business Management, University of Warwick (Warwick, 1998)

Working Experience/Occupation
Ali brings over a decade of experience to the field, with most of his background rooted in investment financing. Since joining **Flarem Plus Sdn. Bhd.** in 2017, he has played a key role in conducting statistical and market research to support investment-related decision-making.

Prior to his tenure at Flarem Plus, Ali launched his career as a **Market Research Officer** at a technology-focused financing organization that provided both grants and investment funding. His research portfolio spanned a diverse range of industries, including consumer products, biotechnology, and other high-technology sectors. This exposure gave him a strong foundation in identifying market trends, analysing gaps, and recognizing emerging industry needs.

With his comprehensive professional background, Ali possesses a well-rounded perspective on market dynamics and investment financing, enabling him to navigate and support the needs of a rapidly evolving financial landscape.

Board Committee / Directorship in other public or listed companies
Indeed Business Fund

Ahmad Sumbul bin Khalid Kashmiri
Independent Non-Executive Director

Nationality: Malaysian **Age:** 31
Date of Appointment as Director of New Home: 15 Sep 2016

Qualification
Bachelor of Business, RMIT University (Australia, 2010)

Working Experience/Occupation
Ahmad Sumbul bin Khalid Kashmiri is an experienced business professional with extensive leadership exposure across multiple industries. Formerly a senior partner at one of the world's largest professional services firms, Deloitte, he brings more than four decades of involvement in corporate operations, strategic business advisory, and organizational development.

Throughout his career, he has worked closely with both private and public-sector organizations, particularly in sectors such as banking, insurance, and financial services. His expertise includes guiding companies through public offerings, corporate restructuring, mergers and acquisitions, and other major business exercises that demand high-level strategic insight.

As a former council member of the Malaysian Institute of Certified Public Accountants (MICPA), he contributed actively to several key committees, including the Accounting and Auditing Technical Committee, the Financial Statements Review Committee, and the Investigation Committee, strengthening governance and professional standards within the business community.

Board Committee / Directorship in other public or listed companies
Malaysian Institute of Accountants (MIA)
Malaysian Institute of Certified Public Accountants (MICPA)

Siti Aminah binti Mohammad Abdullah
Non-Executive Director

Nationality: Malaysian **Age:** 29
Date of Appointment as Director of New Home: 06 June 2021

Qualification
Bachelor of Computer Science (Software Engineering), Universiti Teknologi Malaysia (Malaysia)

Working Experience/Occupation
Siti Aminah binti Mohammad Abdullah has developed a strong foundation of experience through her involvement in various software engineering and system development projects across both corporate and technology-driven environments. She built her enthusiasm for software development in 2017 while working as a trainee Software Developer at a local tech startup in Kuala Lumpur and later progressed into more advanced roles within established IT companies.
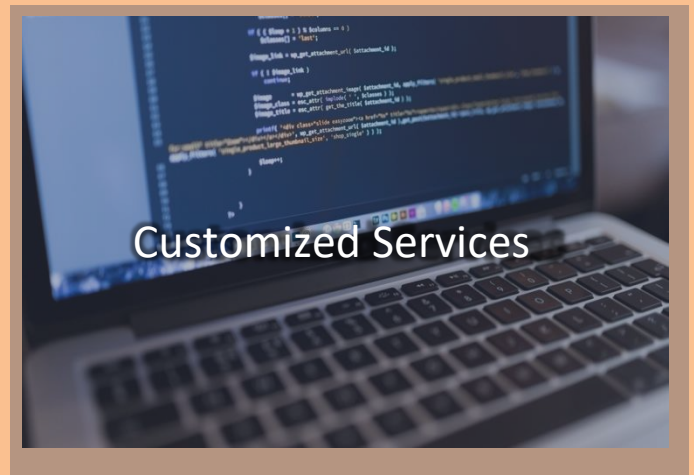
Her areas of expertise are shaped by her extensive exposure to the technology industry, including full-stack application development, system architecture design, API integration, cloud deployment, and software testing. She is actively involved in providing technical guidance and consultation on digital transformation initiatives to corporate clients, SMEs, and technology-driven organisations. Her work often focuses on improving system performance, optimising development workflows, and delivering scalable software solutions tailored to business needs.

Board Committee / Directorship in other public or listed companies

Dinara Tech Sdn. Bhd.
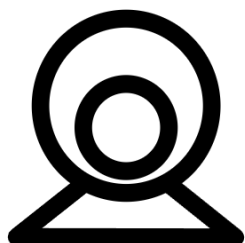
Flarem Plus is in the business of growing with you. All of our projects are carried out using powerful, intuitive interfaces that aim to improve user accessibility. Here's how you can unlock your brand's maximum potential with some of our featured services.

Software Development

Data Analytics

Software Design Process

Customized Services

Software Maintenance

Search Engine Optimization

Works
(Software Product Created)

Help Cam
A free webcam software that can connect your phone to your PC as your web camera using either Bluetooth or USB connection. Help Cam is free and open source for all users

Rapid Xpress
A mobile application that is designed to determine the time schedule of a train express in Malaysia. It also allows people to buy tickets without any hassle and receive news or announcements about the express train.

Smart Electric
A smart home mobile application that allows you to remotely turn on or off any electronic appliance in your house. It offers real-time control, scheduling, and convenience—all from your smartphone, anytime and anywhere.

Chess Endgame
A chess training application designed to help players master endgame strategies through guided lessons, interactive puzzles, and practical scenarios. Perfect for improving decision-making and finishing games with confidence.

Nexus Resource Gateway
The Flagship Student Community Platform. This web-based forum is designed to complement existing social media by providing a secure, highly organized, and persistent knowledge base for student discussions, group work, and academic Q&A.

Achivist AI –
AI-Powered Knowledge Summarization Module. An add-on for Forumium that uses Generative AI and Natural Language Processing (NLP) to automatically summarize lengthy discussion threads, identify the best answers, and create a dynamic, searchable FAQ or knowledge base entry. Status: Completed.

AssesPro
AI-Powered Formative Assessment Tool. An AI utility that gives students instant, targeted feedback on non-final written assignments (draft essays, short answers). It focuses on formative feedback (structure, tone, clarity) to improve their writing before submission. Status: Ongoing Development (Beta).

Moodle
Highly customizable, free open-source platform used globally, especially popular in Malaysian public universities. It is strong on quizzing and reporting but often has basic, clunky discussion boards—a weakness Forumium is designed to fix.

TeamSprint
Corporate Training & University Projects. Pricing Model: Freemium Model. Free for basic use; Pro Tier (unlimited boards/advanced peer review) priced at RM 15 per user/month. Key Spec: Integrated video conferencing link generation; time-tracking module; automatic generation of peer evaluation reports.

Gamify-Edu
Engagement and Motivation Overlay. A plug-in that applies gamification principles (points, badges, leaderboards, streaks) to student participation within Forumium and integrated LMS content. Rewards are tied to constructive discussion quality and completion rates, not just quantity.

Clients

Curriculum Vitae

Personal Information
* Full Name: Mohamad Syafiq Haikal bin Abdul Aziz
* Phone Number: +60189694921
* Email: syafiqqaziz04@gmail.com
* Address: HB1 @ Multimedia University, Persiaran Multimedia, 63100 Cyberjaya, Selangor, Malaysia
* LinkedIn / Portfolio (optional): -

Career Objective
Motivated and detail-oriented individual seeking to contribute to FlaremPlus by supporting the development of interactive forum-based platforms, internal knowledge hubs, and engineering-focused web solutions. Strong interest in creating efficient digital tools that support collaboration, information sharing, and community building.

Education
Multimedia University — Degree in Electronics Major Computer SEP 2022 – 2027
* Relevant Courses:
    * Web Development Fundamentals
    * Database Systems
    * Human-Computer Interaction
    * Networking & Security
    * Software Project Management

Work Experience
Intel Data Center— Data Software Project Manager SEP Jan 2024 – Oct 2025
* Assisted in building the "Forem"-style web platform for engineering students.
* Contributed to UI/UX improvements based on user feedback.
* Supported the development of long-form discussion threads and structured knowledge base modules.
* Helped maintain the event hub and marketplace sections.
* Collaborated with the development team using Git and Agile practices.

Campus IT Support Unit — Head Student Division 2023 – 2024
* Assisted students and lecturers with technical issues.
* Managed small-scale website/app updates for internal use.
* Helped maintain computer labs and network equipment.

Skills
Technical Skills
* Frontend: HTML, CSS, JavaScript, Tailwind CSS
* Backend: Node.js / Express (basic), PHP (basic)
* Tools: Git, GitHub, VS Code
* Database: MySQL / SQLite
* UI/UX: Wireframing, prototyping, responsive design

Soft Skills
* Team collaboration
* Problem solving
* Communication
* Time management
* Documentation and writing

Projects
Engineering Faculty Web Forum (Forem-Style Platform)
* A platform focused on forums, long discussions, guides, tips sharing, and event postings.
* Features include category tagging, upvote/downvote system, and user profiles.
* Built using HTML, CSS, JavaScript, and simple backend integrations.
* Designed to function as a central knowledge base for engineering students.

Smart Product Design Prototype Using Sensors
* Developed a concept product integrating light and moisture sensors.
* Implemented basic microcontroller logic using 8051.
* Demonstrated data display through ThingsBoard (local setup).

Certifications
* Certificate in Web Development (Basic)
* Introduction to UI/UX Design
* Git & Version Control Essentials

Languages
* English
* Bahasa Malaysia
* French

References
Available upon request.

FARIS AMSYARI SAIFUL FAZAMIL

Objective

Eager and motivated person seeking a challenging opportunity to apply theoretical knowledge gained especially in drone flying and electronics to real-world scenarios and applying software engineering in providing solution by managing and innovate the solution with precision and quality.

Skills

Arduino and C Language Programming
Robot Operating System on Ubuntu
Mikrotik Router Networking
Drone Fly and Operation
Electronic Measurement and Soldering

Work Experience

2028 – Present

Project Manager - **Flarem Plus**

Planning, executing, and delivering software projects
Ensuring the project met the objectives with precision

January 2024 – October 2024

Technical Staff - **Tanjung Plus Engineering**

Operate, handling and Installing electronic circuit
Installing electronic on UAV Drone
Trainer for Drone Operation and Handling
Troubleshooting Robot on ROS4

Education

2024 - 2028

Multimedia University
Bachelor in Electronic Engineering Majoring in Computer

CGPA – 3.32
Relevant Courses:
Software Engineering
Project Management

2021 - 2024

MARA – Japan Industrial Institute (MJII Beranang)
Diploma in Electronics Engineering
(Data Transmission & Networking)

CGPA – 3.73

Relevant Courses:
Mikrotik Basic Networking
Mikrotik Advanced Networking MTCNA Syllabus

2016 - 2020

MRSM LENGGONG
Sijil Pelajaran Malaysia SPM
Graduated with 5A'S in SPM and Second Class Upper with a CGPA of 3.36

Honors and awards

Academic Achievements throughout my years in college.

October 2021- December 2023	**Dean's Award on all Semesters** With CGPA of 3.71

Project

2023	**Final Year Project MJII** Mikrotik RouterOS using Mini PC with Linux Firmware and A Network Monitoring System

Mikrotik RouterOS x86 on a Mini PC. The Mini PC have been DIY into a functional router

Using Oracle Virtual Box VM as The Dude Server for the Network Monitoring System

Class Project, Network Lab MJII
Practical Assignment, Setup Tunneling with Port Knocking using 2 Mikrotik Routers

Cofigure PPPOE Server and Client in Mikrotik RouterOS

Configure PPTP Server and Client in Mikrotik RouterOS

Setup Firewall Port Knocking

2024	**Turtlebot4 ROS Troubleshooting, Nuclear Agency Malaysia** **Troubleshoot ROS4 for Automation using Turtlebot4**

- **Solve the robot problem regarding its ROS**
- **Provide Training for Nuclear Agency Malaysia on how to use the robot**

Professional Training and Certificate

May 2023	**Attend NIOSH – Tenaga Safety Passport Seminar** **MJII Beranang** Learn about electrical safety, hazard and caution and achieve certificate from NIOSH

CA1C Fiber Optic Certificate of Proefficiency by Telekom Malaysia
A test to get CA1C Certificate as certified TM Fiber Optic Technician

Dec 2023	**Mikrotik MTCNA Test MJII Beranang** Certified Mikrotik Certificate for Networking
June 2024	**Agisoft Metashape Online Training By PGR** Get know about Drone Mapping Software and its under of National Training Week Program.

Mr. Dzulhizzam Dulaidi	Lecturer, Department of Data Transmission & Networking MARA – Japan Industrial Institute Phone: 019-8513463, Email: dzulhizzam@mjii.kktm.edu.my
Mr. Mohammad Noor Ab Rahim	Chief Executive Officer Tanjung Plus Engineering Phone: 012-5969526, Email: mnoor.rahim@gmail.com

Mir Mohammad Muaz

Software Configuration Engineer

CONTACT

Phone: +60182765540

Email: muazmir34@gmail.com

Address: The ARC, Cyberjaya,, Malaysia

CAREER OBJECTIVE

EDUCATION

Software Configuration Engineer with experience in version control and CI/CD, aiming to improve release quality and automate deployment processes in a fast-paced tech environment.

Multimedia University | 2016-2020

Bachelor of Engineering (Electronics majoring in Computer)

- GPA: 2.8

Pabna Goverment College | 2014-2015

Higher School cirtificate • GPA: 5.00

PROFESSIONAL EXPERIENCE

Software Configuration Engineer – Flarem Plus Jul 2021 – Present

- Manage Git repositories and branching strategies. • Maintain CI/CD pipelines (Jenkins / GitLab CI).
- Coordinate software releases and maintain release notes.

Junior DevOps & Configuration Analyst – CloudBridge Technologies
Mar 2020 – Jun 2021

- Assisted with build/deploy processes using Azure DevOps.
- Helped manage environment configurations and basic scripts.

SKILLS

Technical Skills   Soft Skills

Git (branching, merging, tags) CI/CD (Jenkins, GitLab CI, Azure DevOps)
Build tools (Maven, Gradle, NPM) Docker (images, containers) Kubernetes
Bash scripting Python
Linux (Ubuntu/CentOS) Basic Azure / AWS

Attention to detail Clear communication Strong problem-solving Team player
Good time management Fast learner and adaptable

PROJECTS

Configuration Dashboard for Microservices (Personal Project)
- Built a web-based dashboard to visualize the current deployed versions of each microservice across dev, staging, and production.
- Tools: Node.js, React, Docker, GitLab CI, MongoDB
- Role: Designed the architecture, developed the UI, and integrated CI/CD to auto- update deployment status on each successful release.

CERTIFICATES • Microsoft Certified: Azure Fundamentals (AZ-900) — 2022 • AWS Certified Cloud Practitioner — 2022
• GitLab Certified CI/CD Associate — 2023 • Docker Certified Associate (DCA) — 2023 • Linux Essentials (LPI) — 2021
• ITIL 4 Foundation Certificate in IT Service Management — 2022

LANGUAGE

English

Bangla   • Malay

REFERNCES

• **Ms. Priya Nair**

DevOps Lead, CloudBridge Technologies Email: priya.nair@gmail.com

Phone: +60 17-556 9021

• **Dr. Azwan Bin Mahmud**

Lecturer, FACULTY OF ARTIFICIAL INTELLIGENCE AND ENGINEERING

Email: daniel.wong@mmu.edu Phone: +60 13-445 2210

Curriculum Vitae

Documentation Manager

Full Name: Muhammad Zaidani Bin Mohd Ezri

Phone Number: +60126332769

Email: zaidani8604@gmail.com

Address HB2 @Multimedia University, Persiaran Multimedia, 63100, Cyberjaya, Selangor

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Career Objective

Motivated and detailed-oriented person seeking to contribute by producing clear, accurate, and well-structured technical documents. Passionate about improving information flow, ensuring documentation quality, and supporting engineering teams with organized and reliable records.

Education

➢ Sekolah Dato Abdul Razak – SPM graduate with 7A's in Sijil Pelajaran Malaysia (2012-2016).

➢ Multimedia University – Bachelor of Electronic Engineering majoring in Computer (2017 - 2021)

Relevant Courses / Achievements:

➢ Project management
➢ IoT systems and Sensor Integration
➢ Embedded system and microcontroller

Work Experience

Documentation Manager — Flarem plus (November 2022 – current)

- Created, organized and maintained technical documents including SOPs, product guides, project reports, and system documentation.
- Managed version control and formal documentation workflows to ensure updated and accurate records.
- Coordinated cross-team communication to ensure documentation matched current processes and system updates.

➢ Technical staff — Tenaga Nasional Berhad (November 2021- October 2022)
- Assisted in maintenance, operation, and inspection of electrical distribution equipment.
- Updated maintenance logs, work reports, and system documentation.

Skills

- Microsoft Word, PowerPoint and Excel.
- Systems software and hardware configuration and troubleshooting.
- Git, GitHub, VS Code
- Analyzing & Filtering signals.
- C++, C, Java and Python Languages
- Engineering Report Writing

Projects

❖ Smart farm-based product Design prototype using sensors.

- Implemented basic microcontroller logic using 8051.

- Demonstrated data display through ThingsBoard (local setup).

- Developed a concept product integrating light and moisture sensors.

Certificate

- Certificate in Technical Documentation for Engineering – 2021
- Certificate in Document Control & Version Management - 2022

Language

- English
- Bahasa Melayu
- French

References

- Dr. Azwan Bin Mahmud

  Lecturer, FACULTY OF ARTIFICIAL INTELLIGENCE AND ENGINEERING

  Email: Daniel.wong@mmu.edu.

  Phone: +6013-445-2210

Contact

Email : akmaldanishjasni10@gmail.com

Phone: +6013-466 8079

Address: Lot 51, Taman Wong Wo Lo Fasa 1,

Jalan Tun Mustapha, 87000 W.P.

Labuan

Education

- Sekolah Kebangsaan Kerupang
January 2010 - December 2015

- Sekolah Menengah Sains Labuan
January 2016 - March 2021

- Universiti Kuala Lumpur (UniKL) Malaysia France Institute
July 2021 - March 2024
CGPA: 3.32
Course Related:
Electrical and Electronics Engineering in Japanese Language

References

MDM. Rohaliza binti Abd. Razak

Intra Coordinator

Email : rozarazak@s.unikl.edu.my

Phone: +6013-675 5225

Akmal Danish Jasni

Objective

To secure a career with a well-established company where I can put into practice my engineering skills which I acquired academically at the same time accumulating experience in a working environment while at the same time giving my very best to unlock my full potential as a qualified person for the company.

Work Experience

August 2023 - October 2023

- Internship – **MZ Electric and Electronics**
  - Operate, repair and inspect clients' electronic appliances
  - Trainer for wiring inspection at worksite
  - Operate and inspect electrical appliances at worksite

Leadership

- President of Unit Beruniform Kadet Remaja Sekolah in SM Sains Labuan (2020)
- Captain of Chess Team in KUSESS International Chess Championship (2020)

Project

2023

- Final Year Project UNIKL
  - Traffic Light Motion Sensor using Infra-red Sensor for Arduino

Skills

- Knowledge of Usage in Microsoft Words, Microsoft Excel and Microsoft Powerpoint.
- Multilingual (Malay, English, Japanese)
- C++ Coding and Dev C
- Knowledge in Editing Video using Filmora and Davinci Resolve
- Cooperative

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Forumium:

A Web-Based Forum Platform for University Students

Problem Definition

Many institutions use a range of tools for student collaboration and communication, such as WhatsApp groups, Instagram profiles, and email newsletters. These platforms are not designed for structured dialogues or information retrieval, which leads to low user involvement, missed messages, and recurrent questions.

The university's official website and student portal mostly offer administrative services (such as forms, announcements, and grades), but they lack community involvement opportunities.

For instructors and students to interact, share ideas, publish updates, and ask questions in a structured, searchable environment, a dedicated online forum platform is necessary. This system should improve the existing communication tools by providing the university community with a consolidated, permanent, and topic-based platform.

Introduction

Forumium is a web-based forum application that serve as **online discussion platforms** are essential for communication, knowledge sharing, and community interaction as well to:

- Create and manage posts
- Participate in discussions
- Share resources in an organised way

This helps students by providing an organized and accessible platform knowledge base for discussion, learning, and community engagement, complementing existing social media and university channels.

To achieve a working forum, the web must be developed in such a way where accessibility and ease of convenience is key towards ease of access and lightweight. For this, it was decided that a *website based* would be the best approach. This way, customers can access the application from their web browser through various types of devices and operating system without limiting it to specific requirements.

Software Propose Technologies

An open-source forum platform (Flarum) will be used as the core of the system to achive the criteria of the objective. Flarum is built on PHP and follows a modular, extensible architecture, allowing additional features and extensions to be integrated easily. The website will be hosted using the NGinx web server, while MariaDB will be used as the database engine for storing all forum data.