Auni Najibah binti Ismail

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Education

Universiti Teknikal Malaysia Melaka (UTeM)   Malacca, Malaysia
Bachelor of Computer Science (Database Management) with Honours   2026
CGPA: 3.61
Relevant coursework:Database Administration, Advanced Database Programming

Sekolah Menengah Kebangsaan Sungai Tiram (SMKST)   Johor, Malaysia
SPM: 8A 1B   2020
President of Archery Club (2020)
Malaysian National Chemistry Quiz - Distinction Award for Basic Level

Projects

Personalized Recipe and Ingredient Management System   March 2025 - Ongoing
• Designed the front end of the web application using HTML, CSS, and JavaScript to create an intuitive and interactive user experience for recipe browsing and meal planning.
• Developed the back end using PHP and MySQL to handle user authentication, recipe storage, ingredient tracking, and grocery list management on a local server via XAMPP.
• Managed the software development lifecycle using iterative planning and version control to ensure timely delivery of all core modules while maintaining alignment with user needs and project goals.
• Implemented recipe sharing and search/filter functionality to support personalized meal planning, applying relational database design principles to manage many-to-many relationships between recipes and ingredients.

PSTP Asset Management System   October 2024 - January 2025
• Designed and developed a web-based asset management system using HTML, CSS, PHP, and SQL-based databases (MySQL, MariaDB, PostgreSQL) to automate the registration, allocation, and maintenance of physical resources such as projectors, computers, and lab equipment.
• Collaborated with a team of three students and a UTeM PSTP staff advisor to gather system requirements, align the project with organizational needs, and conduct regular progress reviews.
• Implemented and tested the system on both Windows and Linux environments to ensure platform compatibility and database flexibility.
• Engineered features for asset tracking, search, and auditing to reduce administrative delays and improve overall productivity in managing PSTP resources.

Sindora Palm Oil Nursery Management System   October 2023 - January 2024
• Designed and developed a desktop-based system that supports data management for palm oil nurseries by modeling operations after existing practices at Kulim Nursery Mungka.
• Led the project as both project manager and full stack developer, overseeing planning, coding, and testing to deliver a fully functional solution.
• Implemented the front and back end using Visual Studio (C++) and XAMPP with MySQL, enabling efficient record-keeping and offline database access.
• Built core features to create, update, and delete records, with automated calculations to track nursery revenue and loss, improving manual tracking and reducing data entry errors.

Activities and Certificate

- Collaborative Learning AI & Society UIB and UTeM
- Axiata Digital Leaders Programme for Girls 2024
- CADS Enterprise Data Practicioner & Smart Skills
- MUET Band 4.5

Skills

- C++, HTML, PHP, Java
- MySQL, MariaDB, PostgreSQL
- Problem solving and data analysis
- Microsoft Office (Word, Powerpoint, Excel, Power BI)
- Adobe (Photoshop, Animate)
- Language: Malay, English