

NUR IZZATI IZWANI BINTI EDI RAOF



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Shah Alam, Selangor

EDUCATION

UNIVERSITI TEKNIKAL MALAYSIA MELAKA

Malacca, Malaysia

Bachelor of Computer Science (Database Management) with Honours

2022 - NOW

CGPA: 3.20

Relevant coursework: Database Administrator, Advanced Database Programming

Sekolah Menengah Kebangsaan Subang Bestari

Selangor, Malaysia

SPM: 1A 2A- 1B+ 1B 2C+ 2C

2019

Science Computer Student

PROJECTS

STUDYNEST: Online Tuition System

March 2025 - Ongoing

- Designed the web application's front end using HTML, CSS, and JavaScript to create an intuitive and interactive user experience for updates on availability and effective class tracking.
- Developed the back end using PHP and MySQL for student registration, simplified class scheduling, and made access to study materials, recorded lessons, and assignments easier 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 class schedule/materials updates and search/filter functionality to support personalized course enrollment, applying relational database design principles to manage relationships between entities.

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.

Electric Train Service (ETS) Railway Ticketing System

October 2023 - January 2024

- Designed and developed a desktop-based system that supports data management electric train service (ETS) by managing ticket bookings for users.
- 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 the display of availability seats, improving manual ticketing and reducing data entry errors.

ACTIVITIES AND CERTIFICATES

SKILL

- Database Fiesta - DB Wizard
- CODE HUNT 2022
- CodeRace STEM@MRSM MUAR
- SULAM 2022
- MUET BAND 4.0

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