



MAJLIS PERBANDARAN
KOTA BHARU



Internship Presentation

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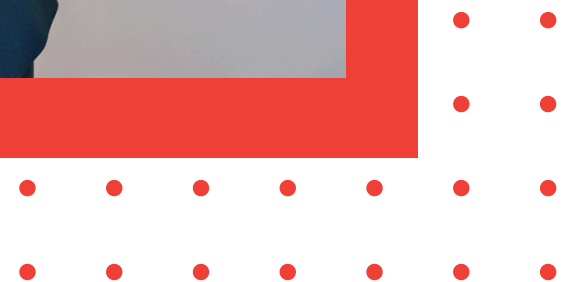
Internship Project

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Company background

- Majlis Perbandaran Kota Bharu (MPKB) is the local authority responsible for managing and developing Kota Bharu. MPKB provides public services such as licensing, enforcement, urban planning, cleanliness, and administrative management.
- The Teknologi Maklumat Department supports MPKB by managing information systems, databases, and IT infrastructure. The department also provides technical support to staff to ensure smooth and efficient daily operation

Goal:MPKB aims to provide good and efficient public services while managing and developing Kota Bharu in an organized manner to keep the city clean, safe, and comfortable.



Internship task



Business Data Entry and Location Mapping

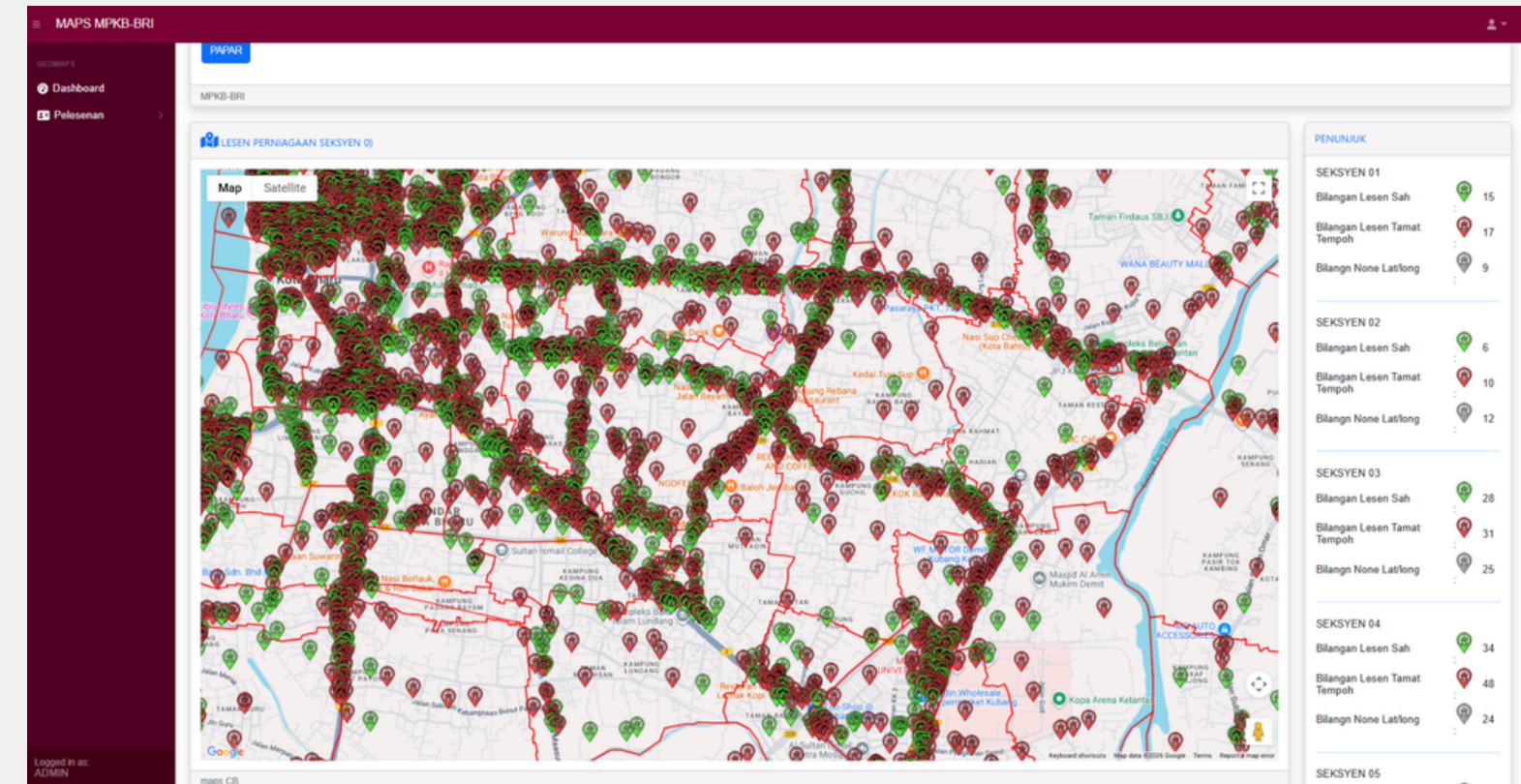
Objective: To ensure business locations in Kota Bharu are placed in the correct section in the MPKB mapping system.

Task Explanation:

- Participated in the MPKB business mapping system as a data entry assistant.
- Relocated business locations on the map based on their correct sections.
- Verified section boundaries and updated business records accordingly.
- Ensured the data displayed accurately in the system dashboard.

What I Learned:

- Learned how to manage and update geospatial business data.
- Understood the importance of accurate data for reporting and monitoring.
- Gained experience in handling large datasets in a real government system.



Internship task



Network Cabling and LAN Setup

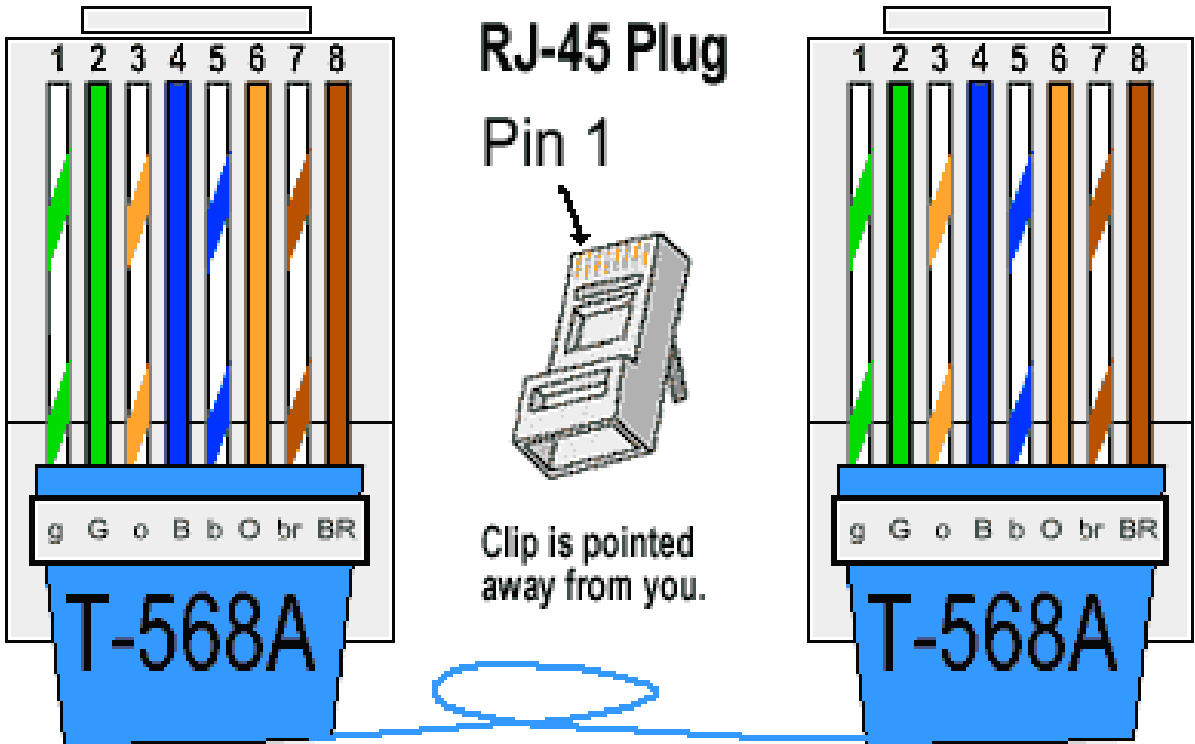
- Objective: To ensure network connectivity between the switch and end devices using LAN cables.

Task Explanation:

- Assisted in connecting LAN cables from the network switch to printers and computers.
- Helped arrange and manage network cables to ensure proper connection.
- Supported basic network setup for office devices.

What I Learned:

- Learned how to make a LAN cable correctly.
- Learned the correct wire color arrangement (T568A/T568B standard).
- Understood the importance of proper cabling for stable network connection.



Internship task



IT Support and System Assistance

Objective:

- To support daily IT operations and assist staff with technical issues.

Task Explanation:

- Assisted colleagues in fixing printer issues and troubleshooting laptop problems.
- Installed software such as Microsoft Word on staff devices.
- Helped create and update a directory database for MPKB staff information.
- Provided general IT support to ensure smooth daily operations.

What I Learned:

- Improved my technical troubleshooting skills.
- Learned how to provide effective IT support to users.
- Gained experience in database creation and data management.
- Understood the importance of teamwork and communication in IT operations.

Internship Project



E-Luar Negara MPKB System

The E-Luar Negara MPKB System is an online application system developed to manage overseas travel requests by MPKB staff. The system allows pegawai to submit travel applications digitally by filling in required details, while admin users can review, approve, or reject the applications through an organized workflow. This system helps reduce manual paperwork, improves data accuracy, and allows better tracking and monitoring of applications. Overall, the system supports a more efficient and transparent approval process within MPKB.

The project also involved platform setup, including system environment configuration and database setup, as well as system integration between the frontend interface, backend logic, and database. This system helps reduce manual paperwork, improves data accuracy, and supports efficient and transparent application management within MPKB.

Internship Project



TECHNOLOGY USED



FRONTEND



Used to design the user interface, forms, and dashboard.

BACKEND



- Server-side scripting
- Used to handle form submission and approval workflow.

DATABASE



Used to store user data, application details, and approval status.

DATABASE MANAGEMENT TOOL



Used to manage, view, and edit database records.

DEVELOPMENT & PRODUCTIVITY TOOL



Used as a coding assistant to help write, improve, and debug code.





Internship Project



E-Luar Negara System – Features & Workflow

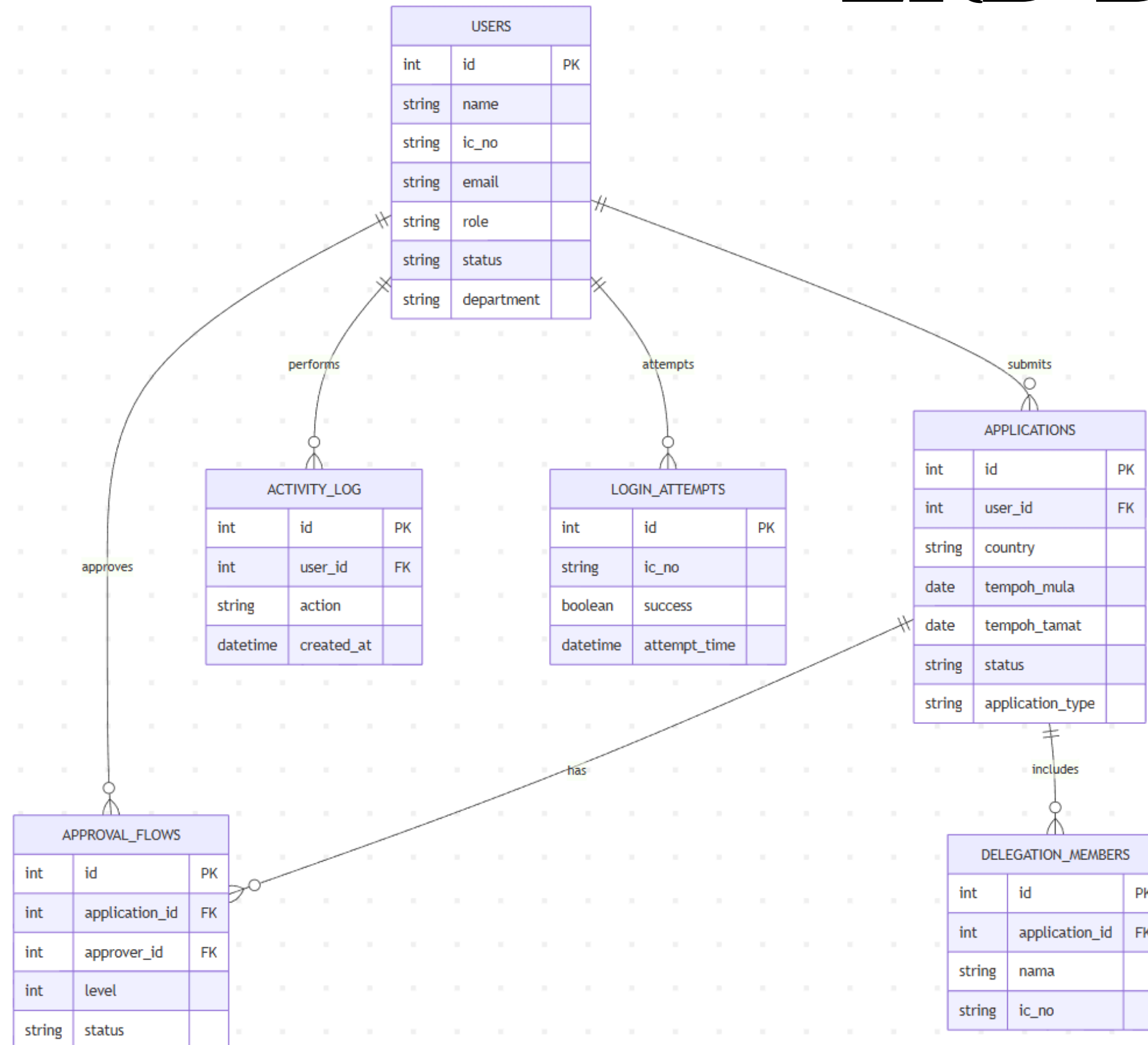
Key Features

- User authentication and role-based access (User, Supervisor, HR, Director, Admin)
- Online application submission (Individual / Group)
- approval workflow with status tracking
- Delegation member management for group applications
- Dashboard with application statistics and quick access
- Secure system with logging and login protection

Application Workflow

- User registers and logs in
- User creates application (Draft → Submit)
- Application reviewed by admin
- Final decision (Approved / Rejected) recorded
- User views decision and approval history

ERD Diagram



SYSTEM DASHBOARD

login dashboard

The image shows a system dashboard for 'Sistem E-Luar Negara' (E-Overseas System) by 'Majlis Perbandaran Kota Bharu'. The dashboard features a dark red background with white text and icons. It includes a header with the system name and logo, a description of the platform as a digital tool for managing overseas applications, and four key features: 'Pantas & Efisien' (Fast & Efficient), 'Selamat & Terkawal' (Safe & Controlled), 'Tracking Masa Nyata' (Real-time Tracking), and 'Kerjasama Rombongan' (Group Cooperation). A status bar at the bottom indicates 'Sistem Aktif', '24/7 Akses', and 'HTTPS Secure'. To the right is a 'Log Masuk Sistem' (System Login) form with fields for 'No Kad Pengenalan' (ID Number) and 'Kata Laluan' (Password), a 'Log Masuk' button, and a 'Daftar Akaun Baharu' (Register New Account) link. Security icons for SSL, Data Encryption, and GDPR compliance are also present.

Sistem E-Luar Negara
Majlis Perbandaran Kota Bharu

Platform digital untuk pengurusan permohonan ke luar negara yang lebih pantas, selamat dan efisien bagi kakitangan MPKB.

- Pantas & Efisien**
Proses permohonan dalam talian tanpa kertas.
- Selamat & Terkawal**
Sistem berasaskan peranan dan kebenaran.
- Tracking Masa Nyata**
Pantau status permohonan setiap masa.
- Kerjasama Rombongan**
Permohonan berkumpulan dengan mudah.

Sistem Aktif • 24/7 Akses • HTTPS Secure

Log Masuk Sistem
Gunakan No Kad Pengenalan dan kata laluan anda

No Kad Pengenalan

Kata Laluan

Dilindungi oleh sistem keselamatan MPKB
Last updated: 21/01/2026

Log Masuk

Belum mempunyai akaun?
Daftar Akaun Baharu

SSL Secure • Data Encrypted • GDPR Compliant

SYSTEM DASHBOARD

User dashboard

The dashboard is titled "E-Luar Negara" and is for user "zihan izhar". It features a sidebar with navigation options: Dashboard, Buat Permohonan, Senarai Permohonan, Keputusan, and Edit Profil. The main content area displays a welcome message and three primary actions:

- Buat Permohonan Baru**: Cipta permohonan keluar negara baharu
- Senarai Permohonan**: Lihat dan urus semua permohonan anda
- Keputusan**: Semak status dan keputusan permohonan

At the bottom left, there is a user profile section with the name "zihan izhar" and a "Log Keluar" button. A user profile icon is also visible in the top right corner.

SYSTEM DASHBOARD

request form

The screenshot displays a web dashboard for 'E-Luar Negara' (MPKB). The left sidebar contains navigation links: Dashboard, Buat Permohonan, Senarai Permohonan, Keputusan, and Edit Profil. The main content area is titled 'Buat Permohonan Keluar Negara' and includes a subtitle 'Isi borang permohonan keluar negara dengan lengkap'. A green notification bar says 'Selamat datang!'. The form is divided into three sections: 'Jenis Permohonan' with dropdowns for 'Jenis' (Individu) and 'Kategori' (Rasmi); 'Maklumat Asas' with fields for 'Nama Pegawai', 'Jawatan & Pangkat', 'Negara', 'Tempat', 'Tarikh Mula', and 'Tarikh Tamat'; and 'Maklumat Tambahan' with fields for 'Anjuran/Tajaan', 'Perbelanjaan Ditanggung Oleh', and a text area for 'Faedah Kepada Negeri/Jabatan'. At the bottom, there are 'Simpan Permohonan' and 'Batal' buttons, and a note: '* Menandakan medan wajib diisi'.

E-Luar Negara
MPKB

- Dashboard
- Buat Permohonan
- Senarai Permohonan
- Keputusan
- Edit Profil

Buat Permohonan Keluar Negara
Isi borang permohonan keluar negara dengan lengkap

Selamat datang!

Jenis Permohonan

Jenis: Individu Kategori: Rasmi

Maklumat Asas

Nama Pegawai * Jawatan & Pangkat *
Negara * Tempat *
Tarikh Mula * Tarikh Tamat *
dd/mm/yyyy dd/mm/yyyy
Bilangan Peserta *
1

Maklumat Tambahan

Anjuran/Tajaan (Opsional) Perbelanjaan Ditanggung Oleh (Opsional)
Faedah Kepada Negeri/Jabatan
Terangkan faedah permohonan ini...

Simpan Permohonan Batal

* Menandakan medan wajib diisi

zihan izhar user
Log Keluar

SYSTEM DASHBOARDD

form status

The screenshot displays a user dashboard for 'E-Luar Negara MPKB'. The main content area is titled 'Senarai Permohonan Saya' (My Application List) and includes a summary of application counts and a table of details.

Summary:

- JUMLAH: 1
- DRAF: 0
- DIHANTAR: 0
- DILULUSKAN: 1
- DITOLAK: 0

Table of Applications:

ID	JENIS / BUTIRAN	DESTINASI	TEMPOH	STATUS	TINDAKAN
#1	Rombongan Rasmi 1 ahli	thailand	-- -- 1 hari	Diluluskan 17/12/2025 11:02	Lihat Keputusan

Menunjukkan 1 permohonan. [Sebelum](#) [Seterusnya](#)

Navigation Buttons:

- + Permohonan Individu Rasmi
- Permohonan Rombongan
- Lihat Keputusan

User Profile: zihan izhar user. [Log Keluar](#)

SYSTEM DASHBOARDD

result of the request

The screenshot displays a web dashboard for 'E-Luar Negara' (MPKG). The left sidebar contains navigation links: Dashboard, Buat Permohonan, Senarai Permohonan, Keputusan, and Edit Profil. The main content area is titled 'Keputusan Permohonan' (Application Decision) with a subtitle 'Semak status dan keputusan semua permohonan anda'. A notification icon is present in the top right. The primary card shows 'Permohonan #1' with a green checkmark and 'Diluluskan' (Approved) status for 'Rombongan Rasmi'. It lists the country as 'thailand', the decision date as '17/12/2025 11:02', and the decision by 'admin'. A 'Memo Keputusan' (Decision Memo) section contains the text 'diluluskan terbaik'. A 'Log Keluar' (Logout) button is located at the bottom left of the sidebar. The user profile 'zihan izhar user' is visible at the bottom of the sidebar.

E-Luar Negara
MPKG

- Dashboard
- Buat Permohonan
- Senarai Permohonan
- Keputusan
- Edit Profil

Keputusan Permohonan
Semak status dan keputusan semua permohonan anda

Permohonan #1 Lihat
Diluluskan Rombongan Rasmi

Negara: thailand
Tarikh Keputusan: 17/12/2025 11:02
Pelulus: admin

Memo Keputusan
diluluskan terbaik

zihan izhar user
Log Keluar

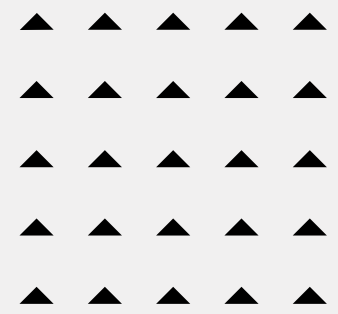
SYSTEM DASHBOARDD

admin panel for approval

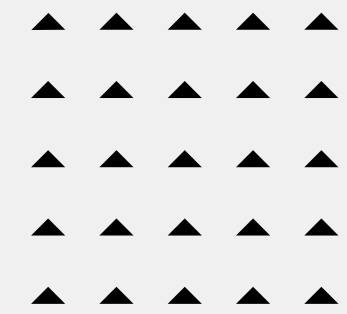
The screenshot shows an admin dashboard titled "E-Luar Negara MPKB". The main heading is "Panel Admin – Kelulusan Permohonan" with the subtitle "Urus dan keluluskan semua permohonan perjalanan". A green banner says "Selamat datang!". Below this are four summary cards: "Jumlah Permohonan" (3), "Menunggu Kelulusan" (1), "Diluluskan" (2), and "Ditolak" (0). A table lists three applications with columns for ID, PEMOHON, JENIS, NEGARA, TEMPOH, STATUS, and TINDAKAN.

ID	PEMOHON	JENIS	NEGARA	TEMPOH	STATUS	TINDAKAN
#4	zaim izhar kewangan	Individu Rasmi	singapore	25/01/2026 – 28/01/2026 4 hari	Dalam Semakan	Lihat Keputusan
#3	zihan izhar TEKNOLOGI MAKLUMAT	Rombongan Tidak Rasmi	korea	31/01/2026 – 12/02/2026 13 hari	Diluluskan	Lihat admin diluluskan
#1	zihan izhar TEKNOLOGI MAKLUMAT	Rombongan Rasmi	thailand	19/12/2025 – 22/12/2025 4 hari	Diluluskan	Lihat admin diluluskan terbaik

admin user
Log Keluar



Problems Faced During System Deployment



Lack of Resources and Documentation:

Problem:

- Lack of technical skills in system development at the early stage
- Difficulty in understanding system workflow and implementation
- Limited experience in integrating frontend, backend, and database

Solution:

- seek guidance and advice from my supervisor and colleagues
- Performed quick revision and self-learning on related technologies
- Practiced by testing and improving the system step by step





Lessons learned during Internship

System Development Skills

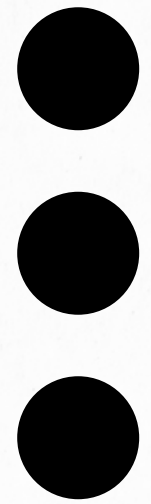
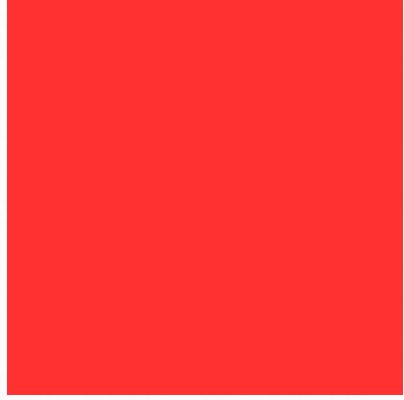
- learned how to develop a complete system by working with frontend, backend, and database components together.

Communication & Teamwork

learned how to communicate with supervisors and colleagues to understand requirements and complete tasks effectively.

Time Management & Responsibility

learned how to manage my time properly while handling daily tasks and project development in a professional environment



THANK YOU

