

Project Selection Form (0 marks)

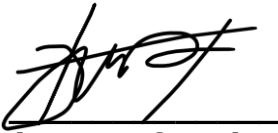
Project Team Name	:	Group_2
Team Members Name	:	Ahmad Danish Adly Bin Md Puad
		Quek Sze Yang
		Nur Shakirah I'zzah Binti Zamri
		Nur Aina Syahira Binti Mohd Shah
		Nurul Nadia Binti Abd Wahab
		Chua Kai Zen
		Osama Abdulghani Ahmed Jallad
Title of the system	:	A Development of Secure Web Application for Railway Ticketing and Reservation System for KTM with QR Code-Based Authentication & Password Hashing and Salting
Domain of the system	:	Ticketing and Reservation System
Introduction of the project (in 200 words)	:	This project focuses on developing a secure web-based railway ticketing and reservation system. The system allows passengers to book and manage their railway tickets online. It incorporates robust security measures like QR code-based authentication and password hashing and salting to safeguard user data and prevent unauthorized access. It aims to provide a convenient, secure, and efficient solution for passengers to make reservations while ensuring that sensitive user information is protected from cyber threats.
System Scope (Functionality of the system)	:	User registration and login with password hashing and salting for secure authentication.
		QR code-based authentication for ticket validation during boarding
		Secure reservation and cancellation of railway tickets

Viewing train schedules, available seats, and ticket pricing

User profile management, including updating personal and travel details

Admin panel for managing train schedules, ticket prices, and user data

Signature



(Name of Project Leader: AHMAD DANISH ADLY BIN MD PUAD)

Date: 10/22/2024