



PES UNIVERSITY
Department of Computer Science and Engineering
UE22CS341A: Software Engineering

PROJECT SYNOPSIS

SeaSky Logistics (Travel and Transport Agency Management System)

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The Travel and Transport Agency Management System is a comprehensive software solution designed to streamline and modernize the operations of travel and logistics agencies. This integrated platform manages the complex processes involved in transporting both passengers and goods across various modes of transportation, including air, sea, and road. The system's core functionalities encompass detailed travel log management, real-time tracking of goods and passengers, enforcement of goods regulations, maintenance of no-fly lists for security purposes, and calculation of applicable overseas and import taxes. By providing a centralized database and user-friendly interface, the system enables efficient booking management, route optimization, and status updates accessible to both agency staff and customers. It also incorporates critical features such as regulatory compliance checks, automated tax calculations, and integration with government databases for up-to-date security information. This robust solution aims to enhance operational efficiency, ensure regulatory compliance, improve customer service through transparent tracking and notifications, and provide valuable data insights for business decision-making. Ultimately, the Travel and Transport Agency Management System seeks to revolutionize the travel and logistics industry by offering a scalable, secure, and user-centric platform that addresses the multifaceted challenges of modern transportation management.