

ABSTRACT

The web-based bus ticket booking application has become increasingly popular in the current digital era. With this technology, customers can easily and efficiently book bus tickets without having to queue at ticket counters. Eldivo Bus Company is a transportation company operating under PT. Eldivo Tunas Arta. Ticket booking at Eldivo Bus Company is still done manually, where customers have to come to the ticket counter to purchase bus tickets. This manual ticket purchasing method poses several challenges, such as the need for customers to visit the counter. Information about departures, routes, and seat capacity is incomplete, resulting in less than optimal and efficient information retrieval.

In this Final Project, we aim to develop and design a web-based application that facilitates online ticket booking. This web-based application serves the purpose of enabling the public to purchase tickets with comprehensive and detailed information provided.

The final project, titled "Design of a Web-Based Bus Ticket Reservation Application, Case Study: Eldivo Tunas Arta Bus Company," is constructed using HTML and PHP for creating the website interface, along with MySQL as the database to store ticket information and display it on the website pages. This web-based application is tailored to the needs of the general public, ensuring that the online information dissemination and ticket sales processes are streamlined, thereby easing the ticket purchasing process for the public.

Keywords: *website, online tickets, ticket booking*