

Development and Implementation of a Web-Based PUV Booking App

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Abstract: *The study presents the development and implementation of a Web-Based PUV Booking App for the Surigao City Integrated Land Transport Terminal. Utilizing the prototyping software development model and object-oriented analysis and design, the app was designed with a user-centric approach, ensuring adaptability and continuous improvement. Implemented using the Laravel framework, the app offers efficiency, scalability, and support for object-oriented programming. The app addresses challenges faced by commuters in terminal-based PUV services, providing a user-friendly interface for seat reservations, real-time seat availability display, and fixed departure times and destinations information, ultimately enhancing the overall commuting experience.*

Keywords: web-based system, booking app

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