

## ABSTRACT

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*The purpose of this research is to develop a web-based route management system application for PT Pelayaran Nasional Indonesia. The application is designed to help PT Pelayaran Nasional Indonesia manage shipping routes and make it easier for customers to find available shipping routes. The development method used is the waterfall method consisting of analysis, planning, implementation, testing, and maintenance stages. The result of this research is a web-based route management application with functions such as route search, ticket booking, and ship information. This application is expected to improve the efficiency and quality of service of PT Pelayaran Nasional Indonesia and provide convenience for customers to find shipping route information. However, the search results do not provide any information about this specific research project.*

*Keywords: Route Management System, Voyage, Website, Ship.*