

## **ABSTRACT**

### **DESIGN OF INFORMATION SYSTEMS FOR MARKETING PARTS ON SEA TRANSPORT ORDERING PROCESSES WITH TUG BOAT SHIPS & STIGE CASE STUDY: PT. NAGA SINAR SAMUDRA (NSS)**

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Information technology makes the flow of information can run optimally and integrated makes the company to get information that is fast, precise, and accurate. One of them is PT. NAGA SINAR SAMUDRA which is engaged in sea transportation order services. PT. Naga Sinar Samudra wants to make sea transportation service orders more structured by using a web-based application, because the company still makes sea transportation agreements using a manual (paper-based) system which can be ordered 3 to 4 days for marketing purposes. In this study using a method to develop systems using SDLC Waterfall, and design analysis methods using OOAD methods using components Using Case Diagrams, Use Case Specifications, Activity, Sequence, Class Diagrams, and Class Diagram Specifications. This research is intended to intensify all data ordering sea shipping services for shipping shipping, providing easy access to company information quickly and accurately. The method used in this research is a qualitative method, by collecting data through interviews with companies and processing the data descriptively. The results of the study are applications that are able to provide the time needed in the process of shipping goods, costs carried out systematically, and data that can be organized properly because the data will be stored in the application.

**Keywords:** Information Technology, Sea Transportation Service Orders, Object Oriented Analysis Design, Tug Boat & Barges

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