

**Perancangan Sistem Monitoring dan Penjadwalan Pakan untuk Perangkat  
*Portable Smart Fish Feeder Berbasis Website (Design of a Monitoring and Feeding  
Schedule System for a Website-Based Portable Smart Fish Feeder Devices)***

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***ABSTRACT***

*The increased consumption of fish in Indonesia demands a higher yield of aquaculture in a shorter time span. However, conventional feeding methods are deemed inefficient in the cultivation process. Referring to previous research, this study designed a website as a monitoring interface and feeding schedule to support the use of smart fish feeding devices as an efficient and flexible solution in fish farming processes. The website design in this study was tested using ISO 25010 standards, focusing on five characteristics: functional suitability, usability, reliability, performance efficiency, and maintainability. The interface website design from this research has met testing standards in the following characteristics: functional suitability with a 100% acceptance rate, usability with 88.9% rating in the excellent category, reliability with a pass rate of 99.99%, performance efficiency with grade A rating and a loading time of 4.1 seconds, and maintainability with easily manageable results.*

***Key Words : Cultivation, Website, Monitoring, Scedule, ISO 25010***