

SiargaoStayFinder: Discover Homestays and Accommodations in Siargao Island

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Abstract: *The rapid growth of tourism on Siargao Island has heightened the demand for efficient and accessible accommodations. However, local homestay providers predominantly rely on manual booking processes, which are often time-consuming, lack transparency, and limit both visibility and revenue potential. This study introduces SiargaoStayFinder, a digital platform designed to centralize accommodation options and streamline the booking experience for tourists while enhancing operational efficiency for providers. Using a mixed-methods approach, this research gathered quantitative data from tourists and qualitative insights from homestay providers to assess key needs. Findings indicate a strong demand for features like real-time availability, secure payment options, and user reviews. The system was developed through a structured process that included requirements gathering, system design, implementation, testing, and deployment. The final platform integrates a user-friendly frontend (HTML, CSS, JavaScript) with a secure backend (PHP, MySQL), ensuring smooth and efficient data interactions. By bridging the gap between tourists and local businesses, SiargaoStayFinder not only improves the booking experience but also contributes to sustainable economic growth on the island, providing a model for similar tourism-focused destinations*

Keywords: Accommodation, Homestays, Siargao Island, Booking Platform, Tourism, Digital Solutions