ABSTRACT

DESIGN AND DEVELOPMENT OF A YOGA CLASS BOOKING MANAGEMENT SYSTEM APPLICATION (CASE STUDY: PADMAPRANA YOGA)

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The rapid growth in the popularity of yoga has introduced new challenges for yoga studios, particularly in efficiently managing classes and meeting customer needs. This study aims to design and develop a web-based yoga class booking management application for Padmaprana Yoga using the Rapid Application Development (RAD) method, which enables a fast and iterative system development process. The result of this research is an application that integrates registration, scheduling, and real-time class capacity management, while also providing customers with up-to-date information, such as class schedules and participant availability, thereby enhancing operational efficiency and customer experience. With this application, Padmaprana Yoga is expected to optimize resources, improve service quality, and strengthen its competitiveness in the digital era.

Keywords: *yoga, booking system, class management, Rapid Application Development, web-based application.*