ABSTRACT

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INTEGRATION OF ODOO WITH REACT NATIVE IN THE DEVELOPMENT OF A MOBILE-BASED SCHOOL INFORMATION SYSTEM

PT Alpha Solusi Teknologi (Alphasoft) is an information technology company and an official Odoo partner in Indonesia. Alphasoft is headquartered at BSD District 91 BSD, A10, BSD, South Tangerang, Indonesia. During the 3-month internship period, the intern was placed in the software development division with a focus on developing a mobile-based school information system using React Native, which is integrated with the Odoo web-based system. This information system is designed to facilitate the management of academic and administrative data for schools, providing faster and more accurate access to information for relevant stakeholders. Throughout the internship, the intern gained in-depth knowledge of system integration between the mobile application and Odoo, API management, as well as the testing and deployment process. The results of this development show that the application functions well, provides accurate information, and delivers real-time updates.

Keywords: School Information System, Mobile Application, React Native, Odoo, System Integration.