ABSTRACT

Kos Pondok Jaya is one of the temporary accommodations located in Tenggarong, East Kalimantan. One common difficulty experienced by the residents of Kos Pondok Jaya is the often manual and inflexible payment process. Additionally, for the landlords, the management of boarding house data, such as transactions, is still manual. Delays in payments and difficulties in tracking transaction history are recurring issues. This study aims to develop a boarding house information system website that focuses on managing and paying boarding house fees. The development methodology uses Agile Kanban, chosen for its flexibility. The application will be designed using JavaScript and the Nuxt.js framework, and will utilize a MongoDB database. Application testing will be conducted using Blackbox Testing and the User Experience Questionnaire (UEQ). The result of this study is a web-based boarding house information system that enables residents to make online payments through a payment gateway feature, providing convenience for landlords in managing boarding house data.

***Keywords:* web, Agile Kanban, JavaScript, information system, payment gateway, boarding house.**