

ABSTRACT

DESIGN AND DEVELOP THE E-NAK APPLICATION FOR LIVESTOCK FINANCIAL MANAGEMENT (A CASE STUDY IN SERAYU LARANGAN VILLAGE)

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This research represents an meaningful project that aims to tackle various challenges in managing livestock finances in Serayu Larangan Village, Purbalingga Regency. The continued use of manual financial methods often poses difficulties for farmers in conducting precise financial analysis and efficient planning. Hence, with the goal of improving livestock financial management and contributing to food security in this area, the author will develop an Android-based E-NAK Application. The development of the E-NAK Application will adhere to the Agile User Experience (Agile UX) approach to ensure that the application is truly responsive to the needs of the farmers and can adapt to potential changes in the field. Testing of this application will be carried out using the black-box method, where the functionality and performance of the application will be comprehensively tested to guarantee that the E-NAK Application operates seamlessly and delivers significant value to its users. It is anticipated that the E-NAK Application will serve as an extremely beneficial tool for farmers in Serayu Larangan Village, aiding them in managing their finances more effectively, boosting productivity, and ultimately lending support to food security efforts in the region. Furthermore, this project may also serve as a model for the development of similar applications in other areas grappling with comparable challenges in livestock financial management.

Keywords: Agile UX, Blackbox, Mobile