

ABSTRACT

Technological advancements demand innovative solutions for managing incinerator components. Traditional systems that rely on printed media and direct communication face limitations in information dissemination and data management efficiency. To address these issues, a WebView-based catalog application has been developed, accessible via Android devices. This application enables users to search, sort, and manage incinerator components based on available models, as well as add items to a cart. The development utilized Android Studio with the Kotlin programming language. Additional features, such as component manufacturing time estimation and Firebase-based notifications, have been implemented to enhance user experience. As a result, the application provides a more efficient, accurate, and accessible solution compared to conventional systems. Through this digital approach, it is expected that information regarding incinerator components can be delivered more widely and effectively, supporting the industry in improving its operational efficiency.

Keywords: Web-based catalog application, Incinerator component management, Android WebView, Kotlin programming, Firebase notification system, Production time estimation