

## **ABSTRACT**

### **DEVELOPMENT OF UI / UX AND IMPLEMENTATION OF JAVA PROGRAMMING LANGUAGE FOR FRONT-END DEVELOPMENT IN THE NAVIGATION SECTION MENU ANDROID APPLICATIONS OF UMKM IN THE COMMUNICATION AND INFORMATION DEPARTMENT OF PEKALONGAN DISTRICT**

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*In the Indonesian economy, Micro, Small and Medium Enterprises or UMKM are the business groups that have the largest number. The definition of UMKM is a trading business managed by individual business entities that knit into productive economic businesses in accordance with the criteria stipulated by Law Number 20 of 2008. The Department of Communication and Information (DINKOMINFO) of Pekalongan Regency has a role in the management of communication and informatics, namely managing several government websites and applications or also those related to the community, one of which is the creation and development of the Pekalongan Regency UMKM application. At this time, the Department of Communication and Information (DINKOMINFO) of Pekalongan Regency already has an Android-based village UMKM application called Tokodesaku, but the application has not been used by the people of Pekalongan Regency because it has not been completed. Therefore, the Department of Communication and Information (DINKOMINFO) of Pekalongan Regency gave the task of re-creating an Android-based village UMKM application. Implementation and development of the front-end Android application in Pekalongan Regency using the Java programming language. The results of this Field Work/Practice Work (PKL/KP) are in the form of a front-end system for the Pekalongan Regency UMKM android application as a forum for the Pekalongan Regency community's business.*

*The conclusion from the results of this PKL / KP is to carry out the tasks given by the Pekalongan Regency Communication and Information Office (DINKOMINFO) in rebuilding the UMKM application, where the front-end of the Pekalongan Regency UMKM android application uses the Java programming language. The UMKM application functions to help the economy, as additional work, as well as helping unemployed people in Pekalongan Regency to get jobs by selling through this UMKM application.*

**Keywords: Java Programming Language, Front-End, Android Application, UMKM**