# ABSTRACT

Task Management is an activity that involves tracking and managing tasks in various fields, with the aim of ensuring that each task is completed efficiently and on time. PT Des Teknologi Informasi is a company engaged in information and communication technology, facing challenges in managing various software projects for customers. Although it has a web-based information system for project management, the system is considered less effective for supervision and staff who need to monitor and manage daily tasks. This is due to the longer access time via the web, so that mobile usage becomes more efficient because it provides faster and easier access to monitor and manage tasks. This study resulted in a mobile-based task management application used by PT Des Teknologi Informasi, especially by supervision and staff. This application was developed using the ICONIX Process development method. The advantage of this method is that each stage involves a thorough review. This ensures that every process carried out is correct and in accordance with the objectives, thereby reducing the risk of errors in development. The development of this application focuses on mobile applications using the flutter framework that communicates with the back-end through the Application Programming Interface (API) to access data. The task management application was tested using the black box testing method with 43 test items based on use case scenarios. Testing of this application has been performed with acceptable results for every scenario tested.

**Keywords** : Mobile Application, Flutter, ICONIX Process, Task Management