

ABSTRACT

DESIGN AND DEVELOPMENT OF MOBILE BASED APPLICATION FOR RECORDING OF TROUSERS PRODUCTION STAGES USING THE PROTOTYPE METHOD

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Pak Tarono's Home Convection is located on the main road of Gandu Village, Comal District, Pematang. There are some employees who work from home, such as tailors, who still have to take care of children or do other work, which often causes the tailor to forget the exact number of pants he is working on. Design and build of a mobile-based production stage recording application for Mr. Tarono's convection using the Prototype method. The results of the application being developed were tested using a blackbox and found that all features were running well. Testing using UAT by distributing questionnaires obtained 84.51% results, which means that owners and employees agree that the application can help with the production stage. Further development suggestions, namely the feature of making job categories changeable by the admin. so that the application can be applied to other convections that have different production processes and are not limited to the type of trouser convection.

Keywords: Production stages, Flutter, Prototype, Firebase, Mobile