

Mobile-based Land Related Data Collector for Land Registration Activities: Usability Tests of Smart-PTSL Application

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SUMMARY

The availability of an integrated field map are very important in assisting the need for acceleration of The Complete Systematic Land Registration (PTSL). This program is one of the strategic programs in The Ministry of ATR/BPN (Agrarian Affair and Spatial Planning/National Land Agency). The increasing number of PTSL targets from year to year provide challenge for technological advancements to contribute the requirement of field map. Before 2025 land parcel in Indonesia must registered. The Ministry of ATR/BPN has obligation to complete this task. This situations triggered need of innovation to accopmplished target efficient and effectively. Many innovations that utilized the information and communication technologies emerged. Mobile-based (android-based) application meets requirements as a tool for supporting the program accomplishment. The Smart-PTSL application being developed to do so. The Smart-PTSL application provide a convenience method to collect data directly in the field. Hopefully, this application could satisfied the need. Aim of this paper is to find out the usability issues of the Smart-PTSL application. Usability parameter was extracted to set of questionnaires. Respondents was choosen among users of Smart-PTS application. The result shows that user satisfaction is quite high. Most users (84.87%) is satisfied with the application.

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