

ABSTRACT

The main task of the Village Head or commonly called "Kepala Dusun" is to nurture the community at the level of the Neighborhood Association ("Rukun Warga"). In addition to nurturing, the Village Head also has the main duty of collecting property taxes from the community. The amount of tax to be paid depends on the size of the land owned, and the required tax amount changes every year. The Village Head must manually check the paper records, which consist of 1000 data entries. This includes searching for land ownership data and documenting the collected tax payments. With approximately 1000 landowners, finding a single ownership record would take a very long time.

In this research, a mobile-based land and building tax application will be designed with the main CRUD (Create, Read, Update, Delete) features, allowing the Village Head to easily search for and modify data.

The land and building tax application that has been developed will be tested using alpha testing and beta testing. The results of this research are expected to expedite the data search and tax record-keeping processes, thereby assisting the Village Head in performing their duties. The testing results we have conducted obtained a 100% accuracy rate in alpha testing, and beta testing obtained 83,3% so that we can conclude our application meet the needs of the Village Head.

Keyword : *alpha testing, beta testing, CRUD, Village Head*