ABSTRACT

Alfhan Rizky Fauzan.50414797

MOBILE INFORMATION SYSTEM FOR BUILDING SURVEY

Informatics Engineering, Faculty of Industrial Technology, Gunadarma University, 2018

(xvii + 142 + attachment)

Survey is a method to determine and generalize the relationships between variables to a population that is being studied. The survey was able to do this because the procedures for collecting data were made uniform and standardized. In the world of architecture it is also inevitable at the moment because of the technological advances that are so fast. Because with the help of technology the problems of all cities with regard to the inventory of asset data can be solved, especially the immovable property that is needed, such as buildings, urban facilities and infrastructure. Building a survey application is an application for survey officers and for authorities that can later facilitate the process of investigating buildings and monitoring lost or non-validated state assets. Building a survey application is implemented in the form of a mobile application with functions of which one can see the position of the building that has been carried out with the collection of data. Tests are performed until the test phase when entering, deleting, modifying and obtaining data using a smartphone from the database. With the GPS function (Global Positioning Services) implemented in the Building Survey application, it can help survey officers to obtain the construction site at the time of data collection.

Bibliografi (2000-2018)