

ABSTRACT

Land structure that is good for agricultural land is widely available in West Java, which is widely used by farmers. Agriculture is an activity of utilizing biological resources carried out by humans to produce food, industrial raw materials, or energy sources, and to manage their environment. One result of the agricultural sector that has a large enough yield in West Java is shallots which has a high amount of market demand in West Java. Recording done by farmers for various transaction processes in agriculture is still done manually. Web-based applications are made to handle various transaction processes and to record cash receipts in the form of product sales and cash outlays in the form of raw material purchases, payment of expenses, and others. This application displays accounting reports in the form of journals, ledgers, general cash reports, debt books and accounts receivable books. This web-based application uses the programming language Hypertext Preprocessor (PHP), CodeIgniter Framework, and uses a MySQL database. Application development methods using the System Development Life Cycle (SDLC) prototype method consist of Use Case, Entity Relation Diagram (ERD), and testing with black box testing.

Keywords: agriculture, shallot, PHP, CodeIgniter, SDLC