

ABSTRACT

Oil palm plantations are companies engaged in planting or processing activities on land or land. Oil palm plants can be processed into palm oil. Oil palm plantations have 2 categories, namely immature plantations (TBM) and mature plantations. Immature Plants will go through a development process for 3 years before entering the production age which will later become Mature Plants (TM). The functionality contained in this application is the calculation of costs during the planting period of Immature Crops (TBM) from the age of 0-3 years, the calculation of the cost of Mature Plants (TM) after 3 years, harvesting income of Mature Crops (TM), sales of Oil Palm Crops and some accounting reports. Making this web-based application using the PHP programming language and the CI framework. Testing this application using the black box testing method. The software development method in this final project uses the Software Development Life Cycle (SDLC.).

Keywords: *Plantation, Oil Palm, Calculation, Web-Based Application, CI Framework*