

## ABSTRACT

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CV. Jaba Palm Mandiri is a plantation company engaged in the sale of crude palm oil located in the village of Alang Bon-Bon, Asahan, North Sumatra. This oil palm plantation was established in 1990 and has an area of 88 ha. In The process of planting oil palm is carried out by planting seeds from the age of 0-4 years is called the pre-productive period and the age of 4 years and over until the harvest period is called harvest period (after productive period). Sales activities in this company are counted starting from the growth of oil palm fruit every day based on the blocks that have been planted in the plantation and directly sold to the factory that already has a contract to two factories, namely PT. One and PT. VSC with CV. Jaba Palm Mandiri uses a truck driven by a truck driver. The oil palm harvesting process is carried out by daily workers where a foreman will instruct the daily workers to harvest which blocks and a foreman also records the daily attendance of the daily workers and truck drivers. Records (data recap) of daily workers are the basis for the process of providing wages to daily workers. And so that there are no mistakes in the sales process the results of oil palm production, then a web-based application is made using the language method PHP Framework CI programming and MySQL. Development carried out using System Development Life Cycle (SDLC) with the waterfall method. For tests performed using the Black Box Testing method.

*Keywords: plantation, harvest time, sales, attendance wages of daily workers and truck drivers, CI Framework, MySQL, waterfall*