

## ABSTRACT

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*Production scheduling is done to manage the schedule of work in making a product. Irregular production scheduling will result in delays in the production process. Similarly, the payment of wages to employees is done manually which often occurs errors in the calculation and wrong in the recording. To handle the above problems, an application that has the main functionality to minimize errors in recording and calculation of labor costs and presents production scheduling for its workers in order to avoid delays in the production process. This application also presents accounting reports in the form of general journals and ledgers. Application development using object-oriented method that is Unified Modeling Language (UML), Entity Relationship Diagram (ERD), process specification. The programming languages used are Hypertext Preprocessor (PHP) and MyStructure Query Language (MySQL) database. Testing is done by blackbox testing method. The created application can manage the master data, manage production scheduling, manage employee payrolls, and display accounting reports in the form of general journals and ledgers. Good labor cost management will increase employee satisfaction with the company they work for. That way, employees will work as much as possible for the company, as well as regular production scheduling, will greatly affect the production process to be completed on time.*

*Keywords: Labor Cost, Scheduling, Application*