

## ABSTRACT

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*PT. PLN (persero) area North Bandung is one of the BUMN engaged in the field of electric power. Based on interviews and observations conducted on Thursday 20 October 2016 note that PT PLN (persero) area of the North Bandung haven't done the calculation in the computerized record-keeping and not in accordance with the accounting standards keuangan especially at the time of calculation of the cost of the installation of electricity and cost budget plan. As a result of frequent failure by the employee in performing the calculations so that the effect on costs to be paid by customer. This will certainly be detrimental to the customer and PT PLN (persero). To resolve the issue, then it should be made a web-based application that can manage the electric installation cost calculations and plans cost budget, so it does not happen again the fallacy by employees Software development uses an object-oriented model consisting of Rich Picture, BPMN, Unified Modeling Language (UML), Entity Relationship Diagram (ERD), and interface description using Mockup Balsamiq. Implementation of this application is made based on the web using the programming language Code Igniter (CI) and MySQL database. Testing is done by Blackbox Testing method of application functionality and the result of application testing is in accordance with functionality in the form.*

*Keyword: Budget cost; Calculation; Rich Picture; Unified Modelling Language (UML); Code Ignite;*