## ABSTRACT

PT. Primarindo Asia Infrastructure, Tbk. is a manufacture company which have shoes (Tomkins) as their main product. At PT. Primarindo Asia Infrastructure, Tbk. have problem in calculation of every salary components, collect the absensee's data which needed long time, and creation of payslip needed long time. So payroll become twice a month.

Solution for the payroll problem at PT. Primarindo Asia Infrastructure, Tbk. with implement Enterprise Resource Planning (ERP). ERP System that used in the research is Odoo. Odoo is an open source software, so in the development doesn't need the license. In this research using payroll module to manage payroll system at PT. Primarindo Asia Infrastructure, Tbk.

For the implementation of payroll system using Odoo at PT. Primarindo Asia Infrastructure, Tbk. using the Rapid Application Development method because RAD development method can save for time and cost for development, and relative more suitable to the application which not have a big scope dan developed by a small team.

After the implementation ERP using Odoo can do the calculation of employee's salary in short time and accurate, have the information about the cost which needed for the payroll, and simplify the process in payslip prints so there's no more lateness for the employee's salary.

Keywords: ERP (Enterprise Resource Planning), Odoo, Payroll, ,RAD (Rapid Application Development)