

## **ABSTRACT**

*STIDDI Al Hikmah is a College study of Da'wah Islamiah Al Hikmah,, with communications and broadcasting courses Islam. at this institution there are problems in human resources, especially in the recruitment process the problem was an on payroll process to employee. This is because in human resource departement The problem was on applicants data checking. This is because the selection of HR applicant data manually through a set of application file, and important documents of applicant such as diplomas certificate et cetera are still kept in the storage. The payroll process is also not integrated yet with other HR processes section. Due to improving the quality of STIDDI Al Hikmah, the right solution to implement the system on HR section is using ERP (Enterprise Resource Planning) concept. This ERP system can process data and implementing a centralized database system, and able to integrate every process throughout the HR section.*

*One of ERP softwares that has a solution to the payroll process is by using Odoo software on Human Resource module. The purpose of this research is to create an ERP system prototype payroll process and can be integrated with the relevant section in accordance with the needs that exist in STIDDI Al Hikmah. to deal with the problems that occur in the payroll process. ERP software development on payroll module in STIDDI Al Hikmah using Rapid Application Development (RAD) RAD development method can save time and development costs. In this research, the system prototype that will be created can make the process of payroll and contracting process in STIDDI AL Hikmah.*

*Keywords : ERP,Odoo,Human Resource, RAD.*