ABSTRACT

INTEGRATION OF SAP BUSINESS TO ASP.NET WEB AND ANDROID MOBILE USING AIP METHODOLOGY

By

HISYAM AILATAT

1202150101

SAP Business One is one of the products of SAP that using ERP based solution for small medium enterprise. Although SAP Business One has support the core business process in small medium enterprise, there has been many cases that it needs to integrate to another application to support unique business process in this case is stock opname. This research will give solution as an add-on solution in the form of android and web-based applications. NET to support the stock opname process. Therefore we need data integration between SAP Business One and add-on applications that have been created. In the research of data integration between SAP Business One with web applications and Android, it will be conducted with the Accelerated Implementation Program (AIP) methodology, which is a methodology issued by SAP for SAP implementation or customization. The tool used is the SAP Business One SDK with User-defined Field (UDF). Android applications will retrieve data from SAP Business One then after processing by Android data will be given to the web application through API access made by android, after that the web application will provide data on the SAP Business One application. With the integration of add-ons and SAP Business One applications using the User-define Field, MSME can easily add applications that are able to support MSME business processes that are not supported by SAP Business One.

Keywords: SAP Business One, SAP Business One SDK, SQL Server, ASP.NET Web, Accelerated Impelementation Program.