Abstract

The objectives of the thesis are to accomplish the Sarjana Komputer degree in Binus International and to help the Small Medium Enterprises (SMEs) in Indonesia to promote their product. I hope that this thesis can be useful for me to achieve Sarjana Komputer degree and in the future it can be implemented in the real life.

The method that I used to achieve my objective is by using web services technology. Web services as part of Service Oriented Architecture will be used to solve the problems. The coding is written in Java programming language.

The results of this thesis are the report about the research that support the development of the thesis and the application of online stores that can accommodate many SMEs in Indonesia. The application implements the web services features and the functionalities that support online transaction.

In conclusion, Web Services is the right solution to accommodate the application that have potential user of more than 51 million SMEs (according to Ministry of “Koperasi” and SMEs). The application is a breakthrough in Indonesia especially for SMEs in Indonesia in developing their market, but it need support from the government that helps the safety of the online store transactions.

Key Words

Small Medium Enterprises, Web Services, Service Oriented Architecture, Web Application, Java Server Pages.