Abstract

Model View Controller (MVC) architecture is a pattern for build an application which separate presentation and business process into three component, there are *Model, View, and Controller*. These separation make an application easier to modify because if a presentation is changed not cause a large effects to bussiness process and vice versa. The advantages of MVC pattern then implement into a framework.

A framework is a blue print which make a programmer easier to develop an application. Today, there are many framework for web application implement MVC pattern, for example Seam and Struts. In this final assignment, there are two web application was built with case study is pre-registration application. One application was built by Seam framework and other by Struts framework.

The results from this final assignment are implementation MVC pattern in Seam framework more flexible than Struts framework but response time performance of Struts framework more faster than Seam framework. Seam and Strus framework also portable on Linux and Windows XP operating system.

Keyword: MVC, *framework*, Seam, Struts.