

Abstract

Recently the need for information develops very fast. Website as one supporting tool is then needed. However, the process of building a website from the very beginning demand much time and cost. Therefore, framework comes as one solution which is able to help building website faster so it saves more resources. Two frames often used by developer are yii and Zend. Zend was developed by Zend Technologies Ltd., a company who names it self “the PHP Company”. Zend is a framework with a very complete features and usable for various needs [4]. Yii framework was released in 2008 by Qiang Xue [5]. Yii stands for easy, efficient, and extensible, is a component based PHP framework with high performance for web development [6].

The two frameworks have their own advantages. In this final project, these two frameworks were compared from the side of performance using Web server Stress Tool 7 as the tool, features and architectures using object oriented metrics in WMC method.

The result shows that, in building Web 2.0, from performance, Yii framework is better Zend; however, features in Zend are proven better than Yii. On the other hand, from the OO metrics result using WMC method, it shows that Zend framework has a more complex architecture compared to Yii.

Key word: *framework, MVC, Yii, Zend, Metrics, Stress Testing*