ABSTRACT

THE DEVELOPMENT OF FRAMEWORK APPLICATION FOR SCHOOL ACADEMIC SYSTEM FOR WEB-BASED WITH RATIONAL UNIFIED PROCESS

By

ADRIE ARYASA

Technological mastering is very important to support learning and teaching process at school. For that, is needed to apply the technological information with the goal as backup facilities for teachers and students to learning process. School academic system is the system which implemented by a school to increasing effectiveness and efficiency learning level for students. Academic system focused the faction of academic activity from learning and teaching at school such as handling grade, absent and many others. Every single school has different policy and rules in academic system. For that purpose an application which able to recycle for many different schools and can be adopting with every each school, conform the policy in the school.

In this research is about the development of framework application for school academic system. The development of this framework is categorized as enterprise application framework. This framework of school academic system is using Rational Unified Process Method (RUP). This framework application is web-based application that using PHP programming language and MySQL. The result from this research is an framework application for school academic system that can provide flexibility for developers and users in building and developing a web based school academic system.

Keyword: Framework, Rational Unified Process (RUP), school academic system