

ABSTRACT

Academic potential test is an intellectual potential test that aims to measure the skills and abilities in academic. However, during this period, some students still don't have enough knowledges yet about academic potential test, so it seems diffucult to achieve maximum results in this test. In fact, there are many examples of academic potential test that provided in written form. Therefore, interactive multimedia applications is needed for academic potential practice tests, that called Latios. Latios is a web-based interactive multimedia applications that aims to help users to be more familiar and more motivated to do the exercises of academic potential tests with the gamification concept, provides user tutorial features and discussion features to give the material understanding to the user. In the depiction, this application is built using PHP programming language with CodeIgniter framework and MySQL database. In addition, bootstrap is used to make an appearance in this application. This project uses SDLC (System Development Life Cycle) method with the waterfall model. The system requirements analysis depiction uses UML methodology. The tables design of the database uses the ERD (Entity Relationship Diagram).

Keywords: bootstrap, codeigniter, gamification, MySQL, PHP.