

## ABSTRACT

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*Indonesian Language Proficiency Test Exercise and Simulation application is an application that aims to help prospective participants in preparing themselves to take the UKBI exam. Not a few prospective students or employees who fail to meet the standard requirements that exist in the related instansi. This failure does not mean the low level of intelligence of the examinees but the examinees' understanding of the UKBI test which is still very lacking because they lack training in working on UKBI questions to face the tests that will be carried out. So that prospective test participants are strongly encouraged to practice working on UKBI test questions before carrying out the real test. The application built is a Web Based Indonesian Proficiency Test Training and Simulation application that can facilitate prospective participants in practicing working on UKBI questions that provide autoscoring features, random answer choices, displaying the answers that have been done and the track record values of each session obtained after answer simulation questions so that you can find out what kind of questions will be tested in the real test. This final project was made with the Waterfall development method, Unified Model Language (UML) to model the system and use the PHP programming language, Javascript and with the CodeIgniter Framework and MySQL databases and other software.*

Keywords: UKBI, Simulation, Web, CodeIgniter, PHP, MySQL