

## ABSTRACT

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*The application of learning and simulation toefl iBT is web-based application that provides training and simulation to a kind of toefl iBT consisting of reading, listening, speaking, and writing completed with additional features like the articles and coffee break. This application has simulated test features to give an overview of the form of toefl iBT, also to test the ability of the user about toefl iBT. Toefl iBT is the type of toefl that is the newest and internationally recognized, the certificates of toefl iBT can be used to furnish requirements to register college abroad and also requirement to enter multinational and international corporations. A problem that causes failure in toefl iBT is not effective reviewing in preparation toefl ibt and lack of knowledge of the form about toefl iBT. Hence, necessary application that can give place to prepare toefl ibt with complete and effective features. Application learning and simulation toefl iBT is designed with the ADDIE methods and built using codeigniter framework with some supporting tools like mysql as the database. As the results, users of the TOEFL application learning and simulation can see the development of their ability in exercises provided by this application. In addition, users also can read the articles and see short videos in English with various categories which is available in coffee break menu.*

*Keywords : TOEFL iBT, simulation, codeigniter framework.*