

## **Abstract**

*“Grammar Test Exercise Simulation Web-Based Application”* is an application that can help the students especially in IT Telkom to sharpen their English grammar skill, that can be very helpful for them to do the real EPrT test. In this application, the student can do the exercise test with countdown timer or without it. The exercise in this application has a few difficulty level. Beside of that, the students also can see their grades and reviews from the answer they input and there is a history test option to see the grades history for each time they do the test. With this option the students can see their development from time to time. This application is build by using the Waterfall software development and using UML for sistem documentation, specification and modelling. For the implementation, using PHP with CodeIgniter framework, and also use MySQL for database and any other software.

Keywords : Grammar, Test, IT Telkom, Web, CodeIgniter, PHP, MySQL