

Low level of confidence and competence in English grammar result in Indonesian students underachieving at the international level such as in winning international grants. Three main areas were covered in the process: the study of the problems that Indonesians face while studying the English grammar, designing a systematic teaching method, and designing a computer application of the new teaching method. The study yielded three main results. First we developed a set of new tools to explain the grammar of simple statements in the English language which included new tenses, a new approach in defining tenses, and a set of formulae. Second, we developed the “TiPS” method. Third we developed a web based computer application with MVC architecture. The application used Java running on Java Development Kit (JDK) 1.7 on Windows 7. GlassFish 4.0 ran as the server, and MySQL 5.5 was used as the relational database management system. A few frameworks such as Hibernate 3.6.10, Java Server Faces (JSF) 2.2, and Primefaces 4.0 simplified the development process. Survey analysis led us to the successful acceptance of our alternative hypothesis that a systematic method for teaching simple statements which is translatable into an app does simplify English grammar problems for Indonesians.

Keywords—English grammar, Simple statement, TiPS teaching method, MVC