

ABSTRACT

ONLINE COURSE OF NATIONAL EXAM IN ANDROID-BASED

By:

Bayu Nusantara

1611010069

The national exam is an evaluation system for primary and secondary education. The quality of education level across regions is carried out to assess student competencies. With the national exam, students are not only required to study harder in school, but it also is outside of schools, such as tutoring or course. In the SDN 3 Mataram Udik, there is only one-course using the face-to-face method and material distribution is still directed by physical meet. It has resulted that study time is uninterested and it has over cost in books or printed material. The purpose of this study was to design an online course based on Android-based for facing the national examinations to students who want to study at home. This application was used efficiently and effectively. Moreover, the parents were able to supervise the process. The application was design using the waterfall method and java, MySql, and PHP software. It had the features for student menus, parent menus, payment menus, work on questions or exercises, and material download. Furthermore, this application had been tested using the BlackBox method by testing loading performance, menu and button functions, and testing interfaces and database rules and relations to function properly.

Keywords: Application, National Examination, Online Course, Android

