ABSTRACT

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COMPUTER BASED NATIONAL EXAM (CBNE) DESIGN FOR HIGH SCHOOL STUDENTS USING PHP AND MYSQL.


Keyword : MySQL, PHP, Student, Website.

The implementation of the National Examination which used to use paper media, has now changed to using a computer-based examination system, because that has become a provision of the Ministry of Education and Culture. Therefore, the need for an e-learning system that can facilitate students accustomed to the implementation of computer-based exams. The e-learning system which will be implemented on a website that provides high school UNBK questions, can help students prepare for the National High School Exams, so it is expected to support students in computer-based national exams and make it easier for students to study. The design and manufacture of website-based UNBK simulation applications are built using Sublime Text text editors, web databases are built with PHPMyAdmin and MySQL, a programming language for connections between websites and databases using PHP programming language, and application testing tools using Google Chrome. Making the UNBK simulation application provides materials that are expected to be understood by students, and exercises questions to test the ability of students and evaluate the value of the questions that have been done. Based on the results of application testing using the Black Box method, all menu functions in this final project application have been successful according to their functions. This application is expected to be useful for students and can be developed even better.