ABSTRACT

THE INSTRUMENTS OF LEARNING PHYSICS IN SENIOR HIGH SCHOOL 4 BANDUNG

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During this process of exam questions in SMA Negeri 4 Bandung still be conventional, in other words that the manual process of the matter is still using paper. By the way teachers give the exam to students so the students do the exam, and students to collect exam questions to the teacher. Can be done in terms of meetings between students and teachers in the classroom to do the exam. Various concepts and new techniques in the works has been developed to replace the traditional methods that rely solely on the working methods of the class. One method of processing a growing problem in the present is the e-learning. E-learning can help the process of distributing the work about the exam, it can maximize the time spent in class matter.

Development of information systems in the manufacturing of prototype software using the method. Data collection methods used in this research is the study of literature, observation, and interview or interviews with the topics that will be taken. This application is used to design structural design method of making the Entity Relationship (ER) and the manufacture of Data Flow Diagrams (DFD) for designing and documenting software systems based on the data. In making this software uses Flash CS5 to design the program, then connect to the database, the PHP command.

With the process of e-learning can help the process of exam questions to be more optimal. In order to facilitate the teachers and students to make and distribute multiple choice questions for students / senior high school students (SMA N 4) in Bandung can easily get the value directly.

Keyword : MySQL, PHP, Prototype