



De La Salle University - Dasmariñas

CAI Physics for South City Homes Academy of Biñan, Laguna

**An Undergraduate Research Proposal Presented to
The Computer Studies Department
College of Science
De La Salle University-Dasmariñas**

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Degree of Bachelor of Science in
Information Technology**

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ABSTRACT

The Online Computer Aided Instruction (CAI) on Physics of South City Homes Academy of Biñan, Laguna, a system developed to add another form of approach in studying Physics. The system was developed for 4th year students, for them to enjoy, to learn new things and to be more interested in studying the subject. The system also tests the students' knowledge through quizzes after the lessons, games for them to apply what they have learned, simulations to try new possibilities, videos and voice lessons and chat and forums for them to interact with their teachers and other students.

The Online Computer Aided Instruction on Physics was developed through a series of information gathering, construction of modules not only for the lessons but the system as well. PHP was the primary language used by the proponents in most part of the system and create the quizzes and the database. Microsoft SharePoint Designer 2007 was used in making the lessons. The system also features the faculty page where the teacher can upload lessons and update his/her class and monitor student's progress.



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