De La Salle University-Dasmariñas

COMPUTER AIDED INSTRUCTION:
SYSTEMS ANALYSIS AND DESIGN I
CAI-SAD

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

In Partial Fulfillment of the Requirements for the
Degree of Bachelor of Science in
Information Technology

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ABSTRACT

With the current technology available today, online tutorial is now a trend to help the students in learning in a much convenient way since with this kind of technology, learning is just a click away. Computer Aided Instruction Program for Systems Analysis and Design (CAI-SAD) is an online system intended to assist the students of Bachelor of Science in Information technology (BIT) and Bachelor of Science in Computer Science (BCS) programs of this university, who are presently taking Systems Analysis and Design course, to have a better understanding of the subject. The system is developed using Functional Storyboarding Prototype as a research paradigm and with Hypertext Pre-processor (PHP) as the main programming language used in its development. JavaScript and flash were also incorporated to make the learning sessions pleasing and enjoyable to the same students.

The results from the CAI-SAD evaluations and assessments showed that the target users were highly motivated to learn because of the use of Systems Analysis and Design.

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