

## Abstract

Math is the most difficult subject for some children to learn nowadays. Through internet, however, math word problems become easier for people having so much hard time on teaching math problems. They can also easily learn mathematics with the help of the proponents system because it includes lessons about different topics like addition, subtraction, fraction and more.

The system aims to improve the level of learning of students in Mathematics. The output is an online based tutoring system in Mathematics for primary students from grades 1 – 3. The system has different accounts, namely: student, teacher, and administrator. The student account is loaded with lessons, quizzes, exercises/drills, and games while the teacher account is equipped with the capacity of adding exercises/drills, lessons and viewing of report of grades. And for the administrator's account, it contains the maintenance mode for users, lessons, games, quizzes, and exercises/drills.

The proponents used the V-Model to help them develop their system as the model has phases adaptable to the study.

The study also has the features of presenting the lesson in three ways: text, simulation, and video. Students can choose which option is the better way for learning a certain topic. The system is developed using ASP.NET.

The Development of an Online Computer Assisted Instruction (CAI) in Mathematics for Grades 1 – 3 of Saint Francis Academy – De La Salle Supervised serves as a teaching material for the tutor. It can be an effective tool for practicing the skills of students in Mathematics. It also serves as a foundation of the skills and knowledge of the students as they go on to another step in their school years.

