

# Abstract

**Essam Kosba**

## **Fuzzy Student Modeling to Advise Teachers in Web-Based Distance Courses**

Many educational organizations use Web Course Management Systems (WCMS) to build distance courses. In such environments facilitators often face difficulties to monitor and understand the problems of their distant students. TADV (Teacher ADVisor) is a framework that uses the tracking information generated by a WCMS about individual students to build fuzzy student, group, and class models which are used to provide teachers with appropriate advice to help them manage their distance courses. This paper introduces and shortly describes this framework.