

Title of Article: Design of a Fuzzy Ranking System for Admission Processes in Higher School of Learning

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Abstract: An expert system is a computer program that contains some of the subject-specific knowledge, as well as the knowledge and analytical skills of one or more human experts and reasons with uncertainty and imprecise information. Currently, in Nigeria, there are very few institutions that used computerized admission systems. Most institutions are still using manual process of admission system. However, the major task is to determine whether a candidate is qualified or not based on the ordinary level (O' level) results requirements, the qualifying examination result cut off mark for their course of choice and other determinant factors. In this paper we introduced fuzzy harming distance function into candidates ranking and implemented it with JAVA Netbean IDE 6.0. The system was used to evaluate candidates' credentials and every other determinant factor for admitting students. The result showed each candidate's chances of admission, while the system minimized the level of subjectivity in decision making