

USER SATISFACTION OVER QUERY RESULT RANKING IN WEB DATABASE SYSTEMS

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ABSTRACT

To handle with the complication of enormous results returned from an online Web database in reply to a user asked query, in this paper we come up with a unique approach to rank the query results. Depend on the user query, we hypothesize how much the user bother about each and every attribute and assign a comparable weight to that. Then, all tuple in the query result, each attribute of every tuple is assigned with a score rate according to its “acceptable” to the user. For each tuple all attribute value scores are united as per the attribute weights to get a final ranking score for each tuple. Tuples with the leading ranking scores are presented to the user first as compare to other. This ranking method is independent of any domain and use feedback not required. Experimental results shows that this ranking method effectively satisfies users need with respect to his/her choices.

KEYWORDS: User Satisfaction, Query Result Ranking, Web Database, Attribute Value