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RESEARCH ARTICLE

Design and Implementation of Search Engine Using Vector Space Model for Personalized Search

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Abstract— In this paper, we design & implement search Engine using vector space model for personalized search is the search engine that we tell the machine to learn users' interest, so the personalized meta search engine can help users to pick up the important information for them fast by using their interest keeping in the top of the database. Personalized search engine can sort the results according to users' interest, the results that user likes will be on the beginning of the search links. It is a better to use Vector Space Model to help us implement the personalized search engine. We use Vector Space Model to model the user and the results' interest, then we use cosine angel to get the similarity of these interest.

Keywords— User; Search Engine; Meta-search engine; Personalized; User interest

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