

# Jordan University of Science and Technology

## A User Centered Matchmaking and Ranking System

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**Abstract:** This paper provides a flexible model for matchmaking. It is based on supporting the service and demand suppliers with the necessary tools for selecting the subset of attributes that describe a service or demand. The model also allows the users to adjust existing attributes or add new ones. Finally it allows the users to adjust the weights of the attributes. Automatic ranking was also supported; the set of matches is returned sorted in decreasing order of their closeness to the demand. A prototype was implemented to test the viability of the model and we chose the domain of job matching. The initial results show that the model has a potential success.