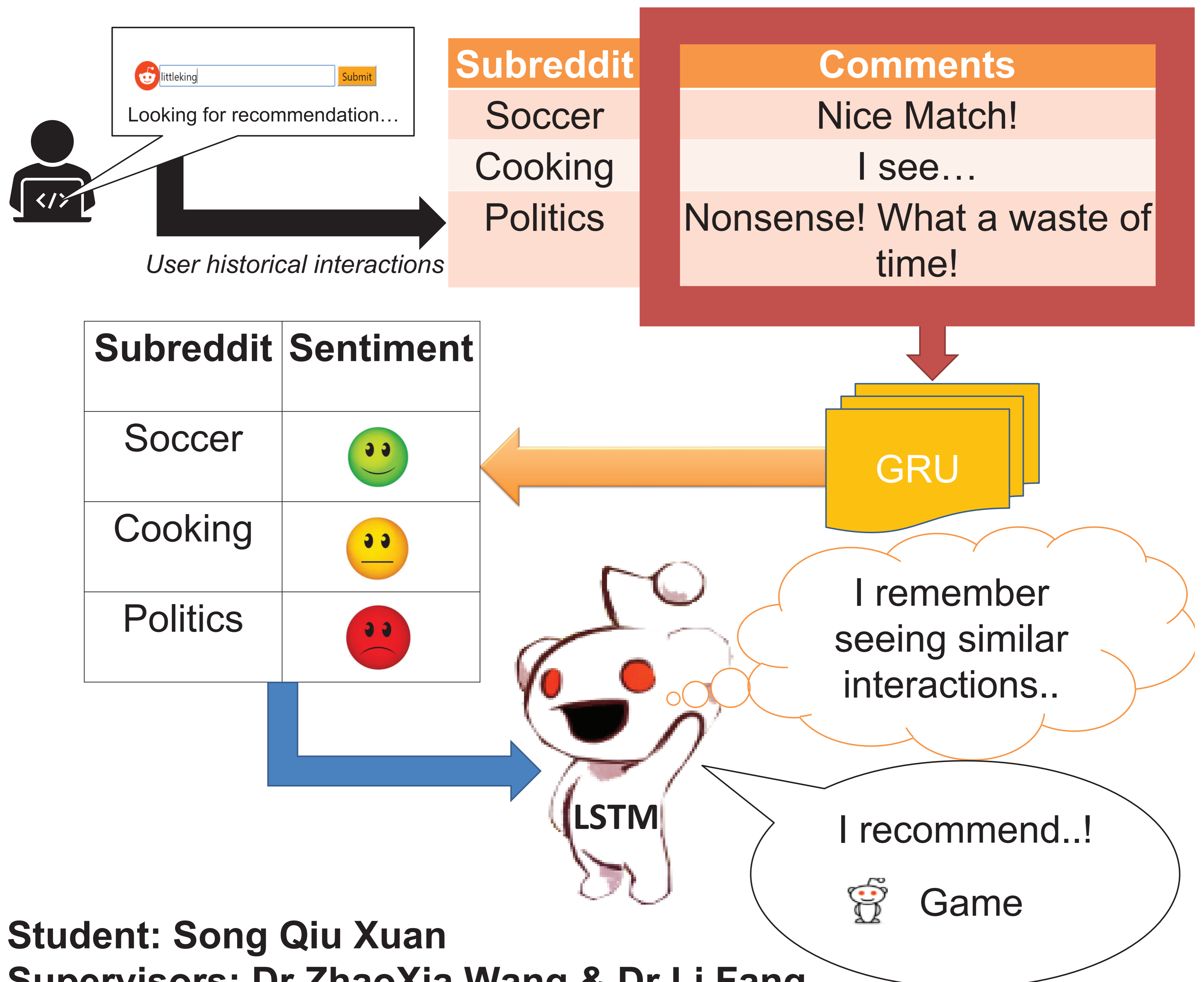# Reddit's Subreddit Recommendation Engine
based on deep neural network & sentiment analysis

A LSTM based subreddit recommendation engine that integrates the sentiment of user interactions with the underlying collaborative filtering algorithm to provide a more comprehensive mapping of user similarities. As such, more relevant recommendations could be made to a user based on their historical interactions. Sentiment analysis was implemented using GRU model.

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