

TABLE V
QUESTIONNAIRE STATEMENT

ID	Factor	Question
USQ1	PE	This system quickly matches cryptocurrencies to my preferences, saving time
USQ2	PE	The system often suggests cryptocurrencies I already know, reducing its efficiency
USQ3	INF	The system explains potential risks for each recommended cryptocurrency in detail
USQ4	INF	It lacks information to help understand the broader cryptocurrency market context
USQ5	ETU	Preferences are easily customizable for tailored recommendations
USQ6	ETU	Some features are hard to locate within the system
USQ7	PRQ	The system's recommender support more strategic cryptocurrency investments
USQ8	PRQ	Some recommendations seem misaligned with my entered preferences
USQ9	EOU	The explanation of how recommendations are made is clear and straightforward
USQ10	EOU	Excessive irrelevant details make it hard to focus on key recommendations

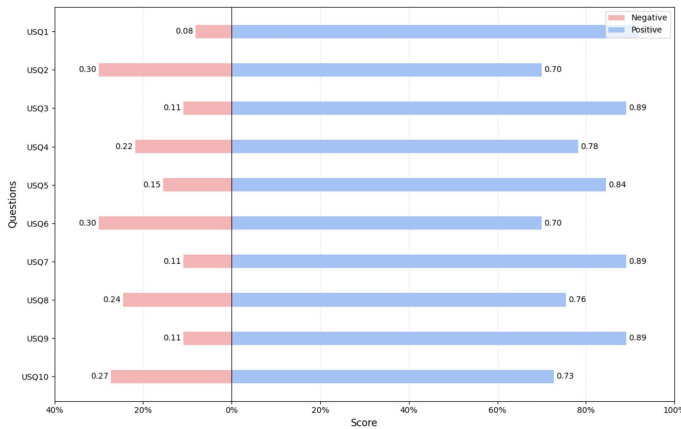


Fig. 7. User satisfaction result

preferences accurately so that users are satisfied with the recommendations.

Although the recommendations fit with the user preferences, in some recommendation cases, 30% of users are still unsatisfied because they get cryptocurrency recommendations that they already know and have invested in. In addition, the system also has limitations in mitigating major forces that can affect cryptocurrency prices, such as world economic conditions, wars, and international outbreaks.

In future research, we will improve CRS's understanding of user preferences and enrich LLM with more relevant data. A comparison using other models, including LLaMA, Falcon, and Mistral, is also necessary to ensure the optimal fit. Furthermore, an additional objective is to implement real-time browsing on LLM, which enables the system to access the latest data on the Internet. This research can be explored to have a more significant impact on recommender systems.

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