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**REVIEW**

on the thesis of the master’s student: Nussipova Fariza Erikovna

Kazakh-British Technical University

Major: 7M06106 Software Engineering

**“SENTIMENT ANALYSIS OF SOCIAL MEDIA MESSAGES ON DISASTER RESPONSE”**

The thesis focuses on the development of a blockchain application for trading and demonstrates advanced knowledge and skills in blockchain technology, user interface design, and human-computer interaction. The thesis consists of an introduction, four chapters, a conclusion, an abstract, and a list of sources.

The introduction establishes the relevance of the topic and the objectives of the research, emphasizing the innovative approach of comparing minimalist and non-minimalist user interface designs to optimize blockchain trading platforms. The first chapter provides a theoretical justification, reviewing existing literature on UI design principles, blockchain technology, and their intersection. The second chapter details the methodology, including data collection from blockchain platforms, data preprocessing techniques, and the use of machine learning models for analysis. The third chapter examines the implementation of these methodologies in practical scenarios, illustrating how integrating various UI designs can enhance user interaction with blockchain platforms. The fourth chapter evaluates the effectiveness of the implemented strategies through case studies and feedback from real users, demonstrating practical impacts and improvements in user experience. Throughout the work, Aral Madiyar demonstrates excellent application of various methodologies and advanced analytical techniques, indicative of his deep understanding and capability in handling complex datasets to improve user experience and usability of blockchain platforms.In conclusion, Aral Madiyar has exhibited a high level of expertise in both theoretical and practical applications of tools for developing user interfaces in the context of blockchain technology. His work not only meets all academic requirements but also adds significant value to the field, making it highly relevant for current and future strategies for developing blockchain applications. The thesis is recommended for defense and deserves an "excellent" grade.

Research advisor \_\_\_\_\_\_\_\_\_\_\_ Y. Suleimenov

PhD, SITE, KBTU, Associate Professor

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