

Classification of speech acts in spoken Vietnamese and application in dialogue systems

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Abstract: In the modern context, understanding and classifying speech actions in spoken Vietnamese has become an important requirement for developing natural dialogue systems. This topic focuses on identifying and classifying the most common speech actions, thereby building a predictive model applicable to natural language processing systems. The research methodology includes both data collection and machine learning implementation to train the model. The expected results will contribute significantly to the field of information technology, supporting the improvement of performance in conversational applications such as chatbots and virtual assistants.

Keywords: Speech acts, Natural conversational systems, SpeechActions classification, Machine learning, Vietnamese