

Vietnamese spoken intent classification and its application in mobile interaction

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Abstract: This study focuses on classifying user intentions in Vietnamese spoken communication, aiming to enhance the ability to understand and respond to user requests in mobile applications. The research context arises from the increasing demand for natural interaction in modern mobile services. The main objective is to build an intent classification system based on Vietnamese speech, using a combination of theoretical and experimental methods to evaluate effectiveness. The expected results of this study not only provide useful solutions for developing highly interactive mobile applications but also contribute to the field of natural language processing (NLP) in Vietnamese.

Keywords: Intent classification, Vietnamese spoken language, Mobile interaction, Natural language processing, Vietnamese