Bridging Linguistic Divides: Rule-Based Marathi to Gujarati Text Translator (Part-I)

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Abstract: *In our increasingly interconnected world, language diversity poses formidable challenges to effective communication and access to information. These challenges are particularly pronounced in culturally rich and linguistically diverse societies, such as India. This research paper presents an in-depth exploration of the development of a rule-based Marathi to Gujarati Text Translator, project sponsored by Mass Technologies. The primary objective of this project is to mitigate the language barriers that hinder effective communication and limit access to information. Through the application of rule-based Natural Language Processing (NLP) techniques, this translator aims to provide accurate and contextually relevant translations. This paper emphasizes the alignment of the project's objectives with Mass Technologies' organizational missions, which prioritize effective communication, cultural exchange, accessibility, and support for diverse societies. The paper delves into the intricacies of the project, including its goals, methodology, system requirements, future steps, risk management strategies, and its potential impact on society.*

Keywords: NLP, Rule Based Translator, Marathi to Gujarati Translator

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