

Technology Demonstration

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Product Name: AutoCorrect+

Proposal Prepared By:

Gayathri Devi Atluri- gatluri@kent.edu – 811256395

Harika Malneedi- hmalneed@kent.edu-811255562

Sai Haritha Udatha- sudatha@kent.edu- 811238202

Bhanu siva kumar komanna- bkomman1@kent.edu- 811252220

Mani Surya Teja Kota- mkota1@kent.edu- 811262686

Veeraraghava Raju Lolabhattu- klolabha@kent.edu- 811301662

Technologies used:

NLP Libraries:

NLTK (Natural Language Toolkit): A robust library for working with human language data, providing accessible interfaces for more than 50 corpora and lexical items, similar to WordNet

Frameworks:

Scikit-learn: A popular machine learning library for developing classic machine learning algorithms, including those used in text segmentation and similarity tasks.

TensorFlow: A deep learning framework that can be used to create and train neural networks, suitable for complex tasks such as translation equations.

Methodologies:

NLP (Natural Language Processing), Cosine Similarity, Word Movers Distance (WMD)

Programming languages:

Python, JavaScript

Front-End:

AngularJS

Development Environment:

Jupyter Notebooks or Integrated Development Environment (IDE)