PY-EXPO 2K24

Team ID: T109
Team Name: DAS & CO

Genius innovation leaves behind a legacy...

PS Code: PY87

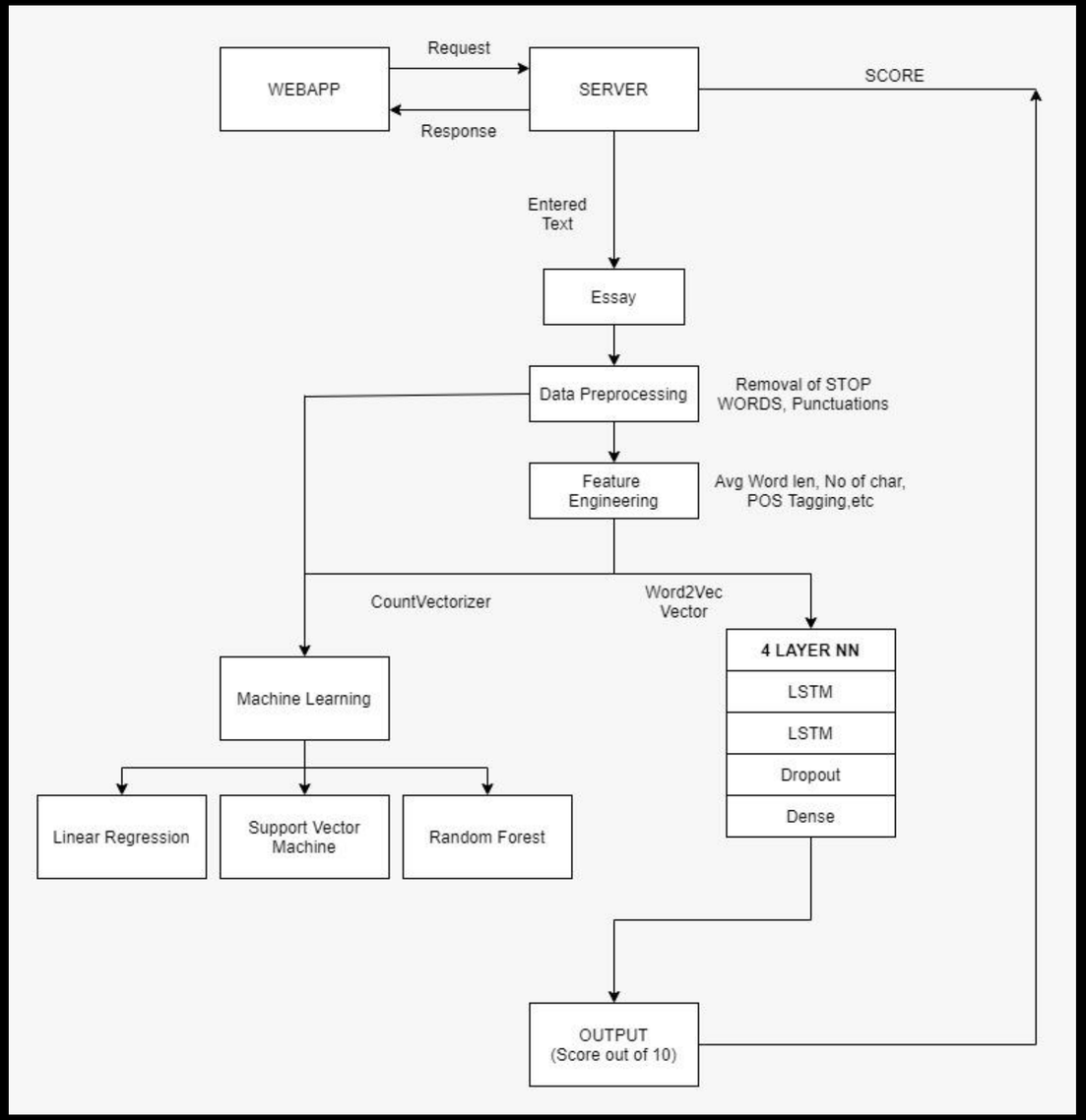
Problem Statement: Automated Essay Grading System - Create a model that evaluates student essays by comparing them to key points given by instructors. The system should check for grammar errors, identify unnecessary content, and assess writing quality. This tool is designed to help educators streamline the grading process for academic essays.

Solution

our idea proposes the development of an automated essay evaluation system to streamline the grading process for educators. This system would compare student essays against predefined key points provided by instructors, assessing grammar errors, identifying unnecessary content, and evaluating overall writing quality. By automating aspects of essay evaluation, your solution aims to save educators time, ensure consistency in grading, and provide timely feedback to students, ultimately enhancing the efficiency of the grading process in educational institutions.

Technology Stack

FRONT END : REACT , JAVASCRIPT
BACK END : DJANGO


WEBAPP
Request
Response
SERVER
SCORE
Entered Text
Essay
Data Preprocessing
Removal of STOP WORDS, Punctuations
Feature Engineering
Avg Word len, No of char, POS Tagging,etc
CountVectorizer
Word2Vec Vector
Machine Learning
Linear Regression
Support Vector Machine
Random Forest
4 LAYER NN
LSTM
LSTM
Dropout
Dense
OUTPUT
(Score out of 10)

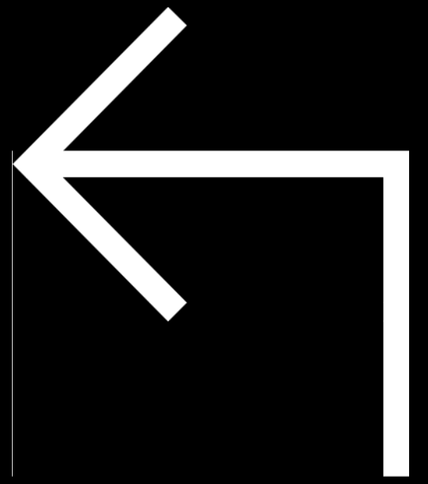
Team Member Details:

TEAM LEADER : VASANTHAPRIYAN

MEMBER 1 : LOGESH B
MEMBER 2 : MOUNISH S
MEMBER 3 : RAAGAV S R

Thank You

Any Queries?



Important Pointers

Please ensure the below pointers are met while

- Kindly keep the maximum slide limit to 7 pages
- All the topics should be utilized for the description of your idea
- Try to avoid paragraphs and post your idea in points
- Keep your explanation precisely and easy to understand
- The idea should be unique and novel. If it has a business potential more **weightage will be given.**
- Apart from this PPT abstract of your idea will be asked for separately while submitting
- You need to save the file in PDF and upload the same on the portal. No PPT, Word Doc or any other format will be supported
- You can delete this slide (Important Pointers) when you upload the details of your idea on the devfolio portal.