NLP Text Error detection application

# Problem definition:

In this section we will discuss about the following sections.

1. Develop a text error correction application that can detect and correct sentence structure mistakes, subject-verb agreement errors, punctuation issues, and incorrect word usage.
2. The application should include both a web-based interface and backend processing using Flask and Python libraries.

# Complete solution guide:

1. **Folder structure in Visual Studio:**
   1. text\_error\_correction/
   2. ├── app.py # Flask backend
   3. ├── text\_correction.py # Error correction logic
   4. ├── requirements.txt # Dependencies
   5. ├── templates/ # HTML templates
   6. │ └── index.html # Front-end interface
   7. ├── static/ # Static files (CSS, JavaScript)
   8. │ └── script.js # JavaScript for the front-end
   9. ├── uploads/ # Directory for uploaded files
   10. ├── corrected\_files/ # Directory for corrected files
2. **Backend Application (Flask):**