	Dr D Y Patil Pratishthan's Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune	DI No.: ACAD/DI/72
Academic Year: 2025-26	Weekly Report Format for Internship	Revision : 00 Dated : 20/11/2019
Term - II	Department : Computer Engineering	Date of Preparation : 14/02/2026

Weekly Report Format for Internship

Roll No: 23101

Name of the Student: Ruhan Saad Dave

Name of the Company: CODTECH IT SOLUTIONS PVT.LTD

Domain of Internship: Artificial Intelligence

Name of the Internal Guide: Akanksha Kulkarni

Name of the External Guide: Neela Santhosh Kumar

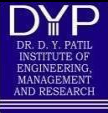
Duration of Internship: 03 Jan 2026 to 14 Feb 2026

Week-I Dates: 07/02/2026 to 14/02/2026

Description of Work Done Till Date (Week 6):

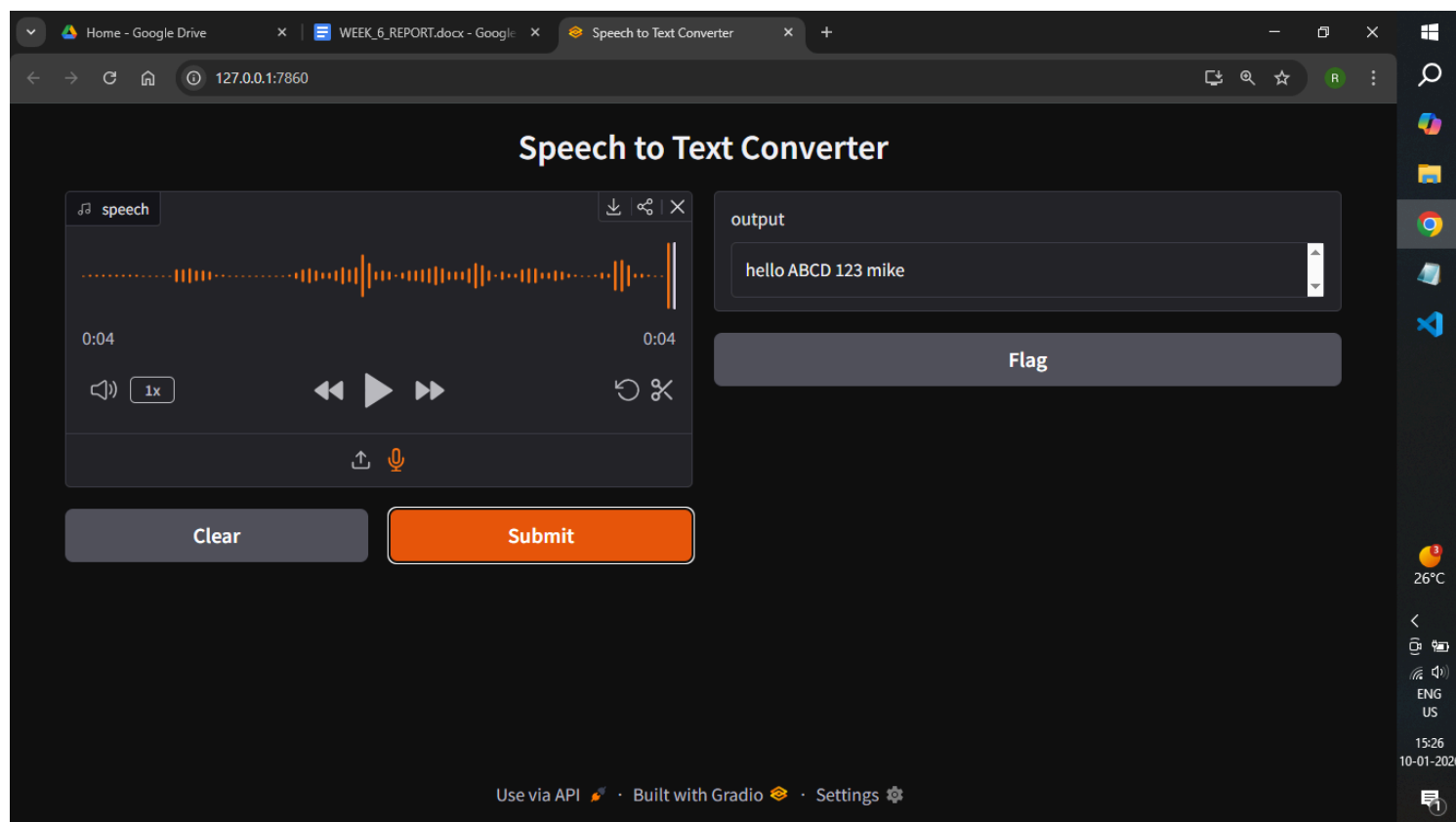
Final UI Enhancements and Project Documentation:

- Task 2 (Speech Recognition):
 - Improved the system by building a Gradio interface. The UI includes components for audio input (microphone recording or file upload) and a text area to display the transcribed text.
- Task 3 (Neural Style Transfer):
 - Upgraded the tool with a Gradio interface, allowing users to easily drag and drop their content and style images to generate the output.
- Project Documentation:
 - Thoroughly documented the entire project in the 'README.md' file, providing a detailed explanation of each task.
 - Added clear instructions on how to set up the environment and run each of the four applications.


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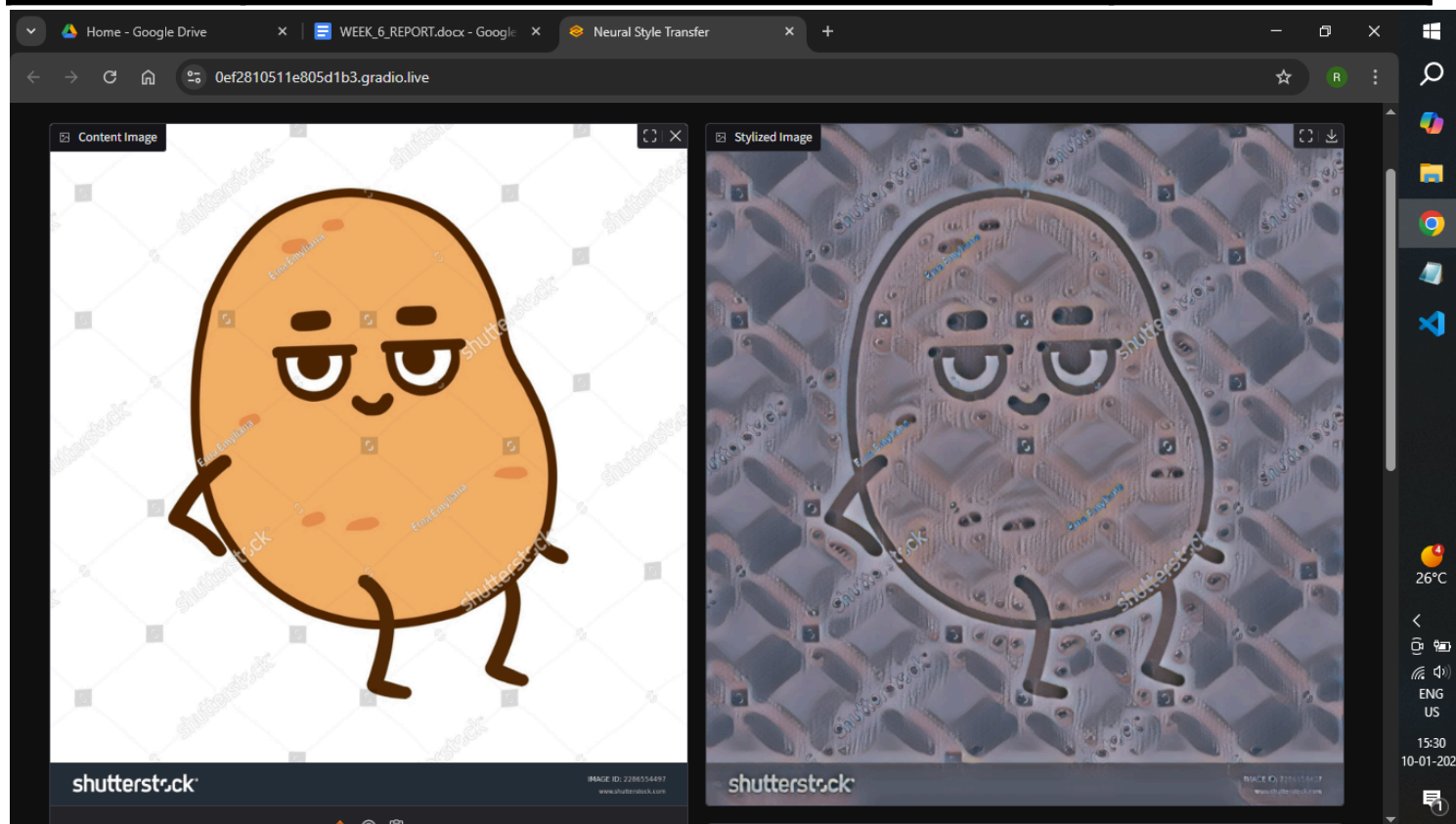
- Added inline comments and docstrings to the code for better readability and maintainability.

Supporting Documents:



The screenshot shows a web browser window with three tabs: 'Home - Google Drive', 'WEEK_6_REPORT.docx - Google', and 'Speech to Text Converter'. The address bar shows the URL '127.0.0.1:7860'. The main content area is titled 'Speech to Text Converter' and features a dark-themed interface. On the left, there is a 'speech' input section with a waveform visualization, a play button, and a volume slider set to '1x'. Below this is a 'Clear' button. On the right, there is an 'output' section with a text box containing the text 'hello ABCD 123 mike' and a 'Flag' button. At the bottom, there is a 'Submit' button. The footer of the interface includes the text 'Use via API', 'Built with Gradio', and a 'Settings' icon. The Windows taskbar on the right shows the system clock as 15:26 on 10-01-2026, along with temperature and language indicators.

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Student Sign

Internal Guide Sign