

CommuniAI-ED

*Empowering Communication
through AI-Driven Feedback*



INTRODUCTION

Effective communication is vital for personal and professional success. However, many face challenges such as limited vocabulary, unclear sentence structures, posture issues, and grammar errors.

Our web app tackles these obstacles by providing real-time feedback and advanced analysis tools. By addressing these common communication pitfalls, we aim to empower users to express themselves confidently and effectively in various contexts, fostering their growth and success.



TEAM



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PROBLEM STATEMENT

In real-time communication, individuals often struggle with conveying their thoughts confidently and effectively, hindered by limited vocabulary, poor sentence framing, inadequate posture, and grammar issues.

The absence of real-time feedback mechanisms exacerbates these challenges. Our sophisticated system utilizes real-time speech analysis, posture detection, facial recognition, and natural language processing (NLP) techniques to enhance communication skills.

By integrating these technologies, the system offers instant feedback on posture, facial expressions, vocabulary usage, sentence structure, and grammar. The goal is to empower users to communicate more confidently and proficiently in various contexts, including presentations, meetings, and public speaking engagements, while facilitating continuous learning and improvement.





TRUSTED PLATFORM

It's not just about improving your speech
it's about what you preach and how you reach

100+
Positive
Feedbacks

87%
Better Results

SOLUTION

An avant-garde web application meticulously engineered to revolutionize communication skills through real-time, multidimensional feedback mechanisms

Integrates a symphony of advanced AI, deep learning neural networks, and sophisticated React libraries, fortified by cutting-edge Natural Language Processing (NLP) algorithms to deliver granular insights and hyper-precise optimizations for both verbal and non-verbal communication

Architected to catapult user confidence and communicative prowess to unprecedented heights, this solution leverages real-time analysis and adaptive learning methodologies, ensuring unparalleled proficiency in diverse and demanding communication scenarios



KEY FEATURES OF COMMUNIAI-ED

1

SPEECH RECORDING

Users can record their speech directly within the web app

2

TRANSCRIPTION

The generated text is analyzed for grammatical and spelling errors

3

TEXT ANALYSIS AND ENHANCEMENT

Suggestions are provided for better sentence structures and vocabulary improvements

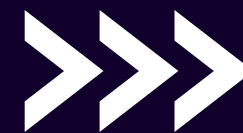
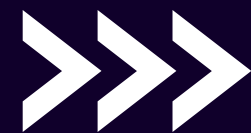
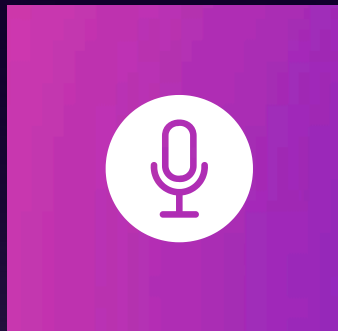
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LIVE VIDEO RECORDING

Posture and facial expression analysis helps users improve their physical presence and gain confidence

USER FLOW

The user can record the live video, simultaneously the speech would be converting into text. Once the speech is converted in to text we can now suggest and improve the text and display to the user.



REAL TIME
SPEECH DETECTION

ANALYZE TEXT

POSTURE AND
FACIAL
ANALYSIS

TECH STACK AND USER BENEFITS

It's not just about improving your
speech it's about what you preach and
how you reach

USER BENEFITS

Expedites workflow by automating transcription
and text correction processes with high precision

Elevates the quality of presentations through
advanced enhancements in textual accuracy and
posture optimization

Amplifies user confidence by providing
rigorous, constructive feedback on both verbal
and non-verbal communication facets

Promotes continuous learning and iterative
improvement in communication skills through
real-time, adaptive feedback mechanisms

TECH STACK

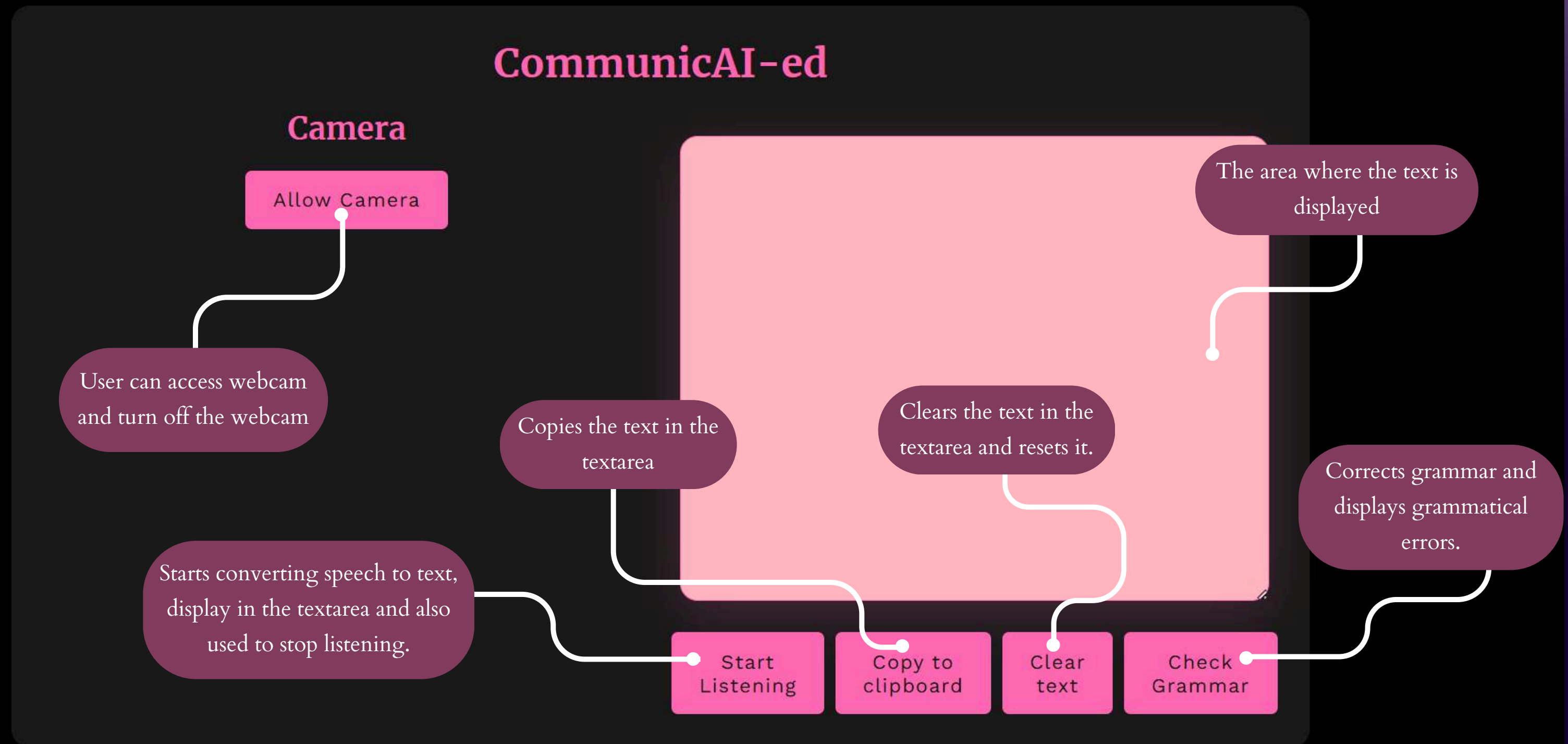
React js libraries

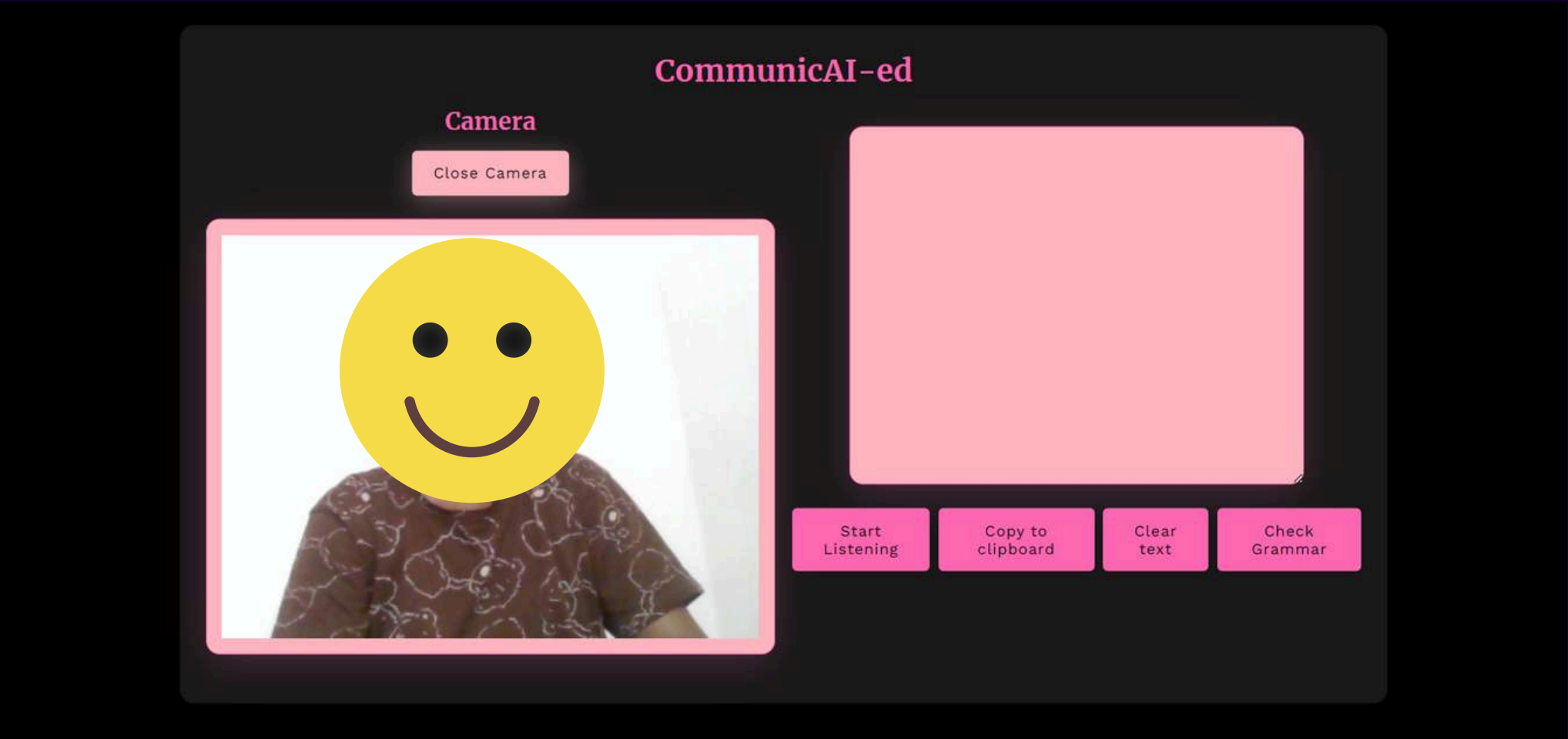
Machine learning

Node JS & Express JS

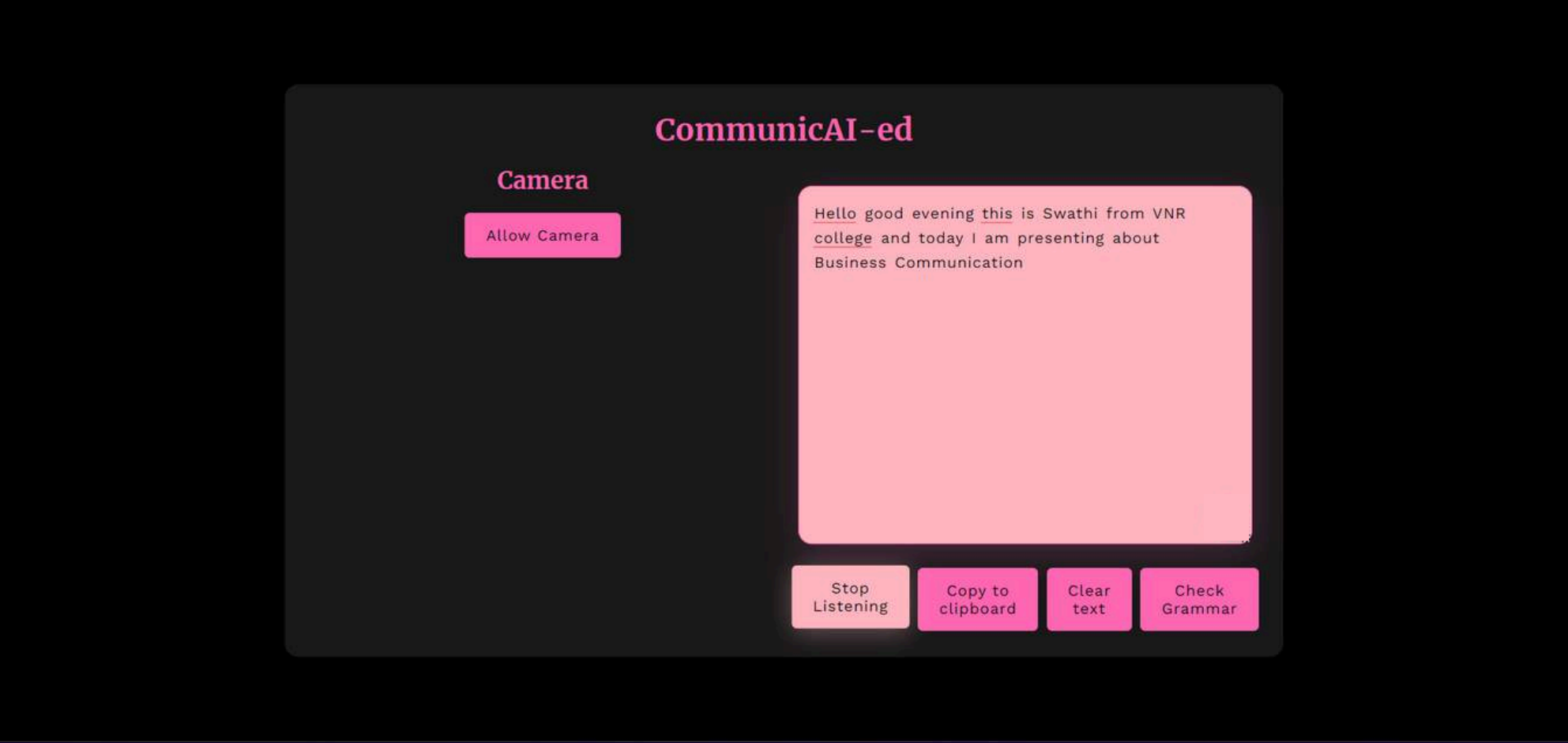
API

PROTOTYPE



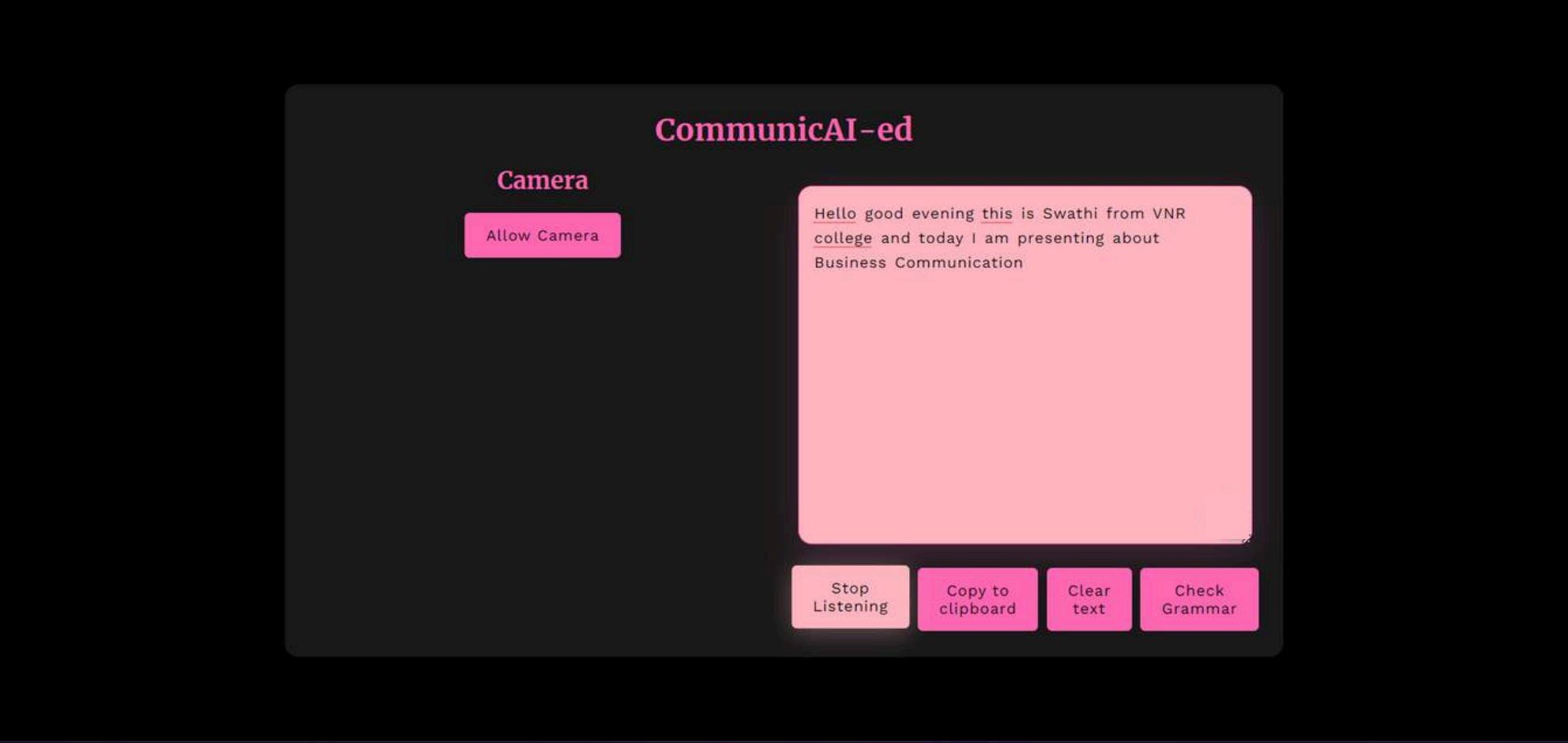


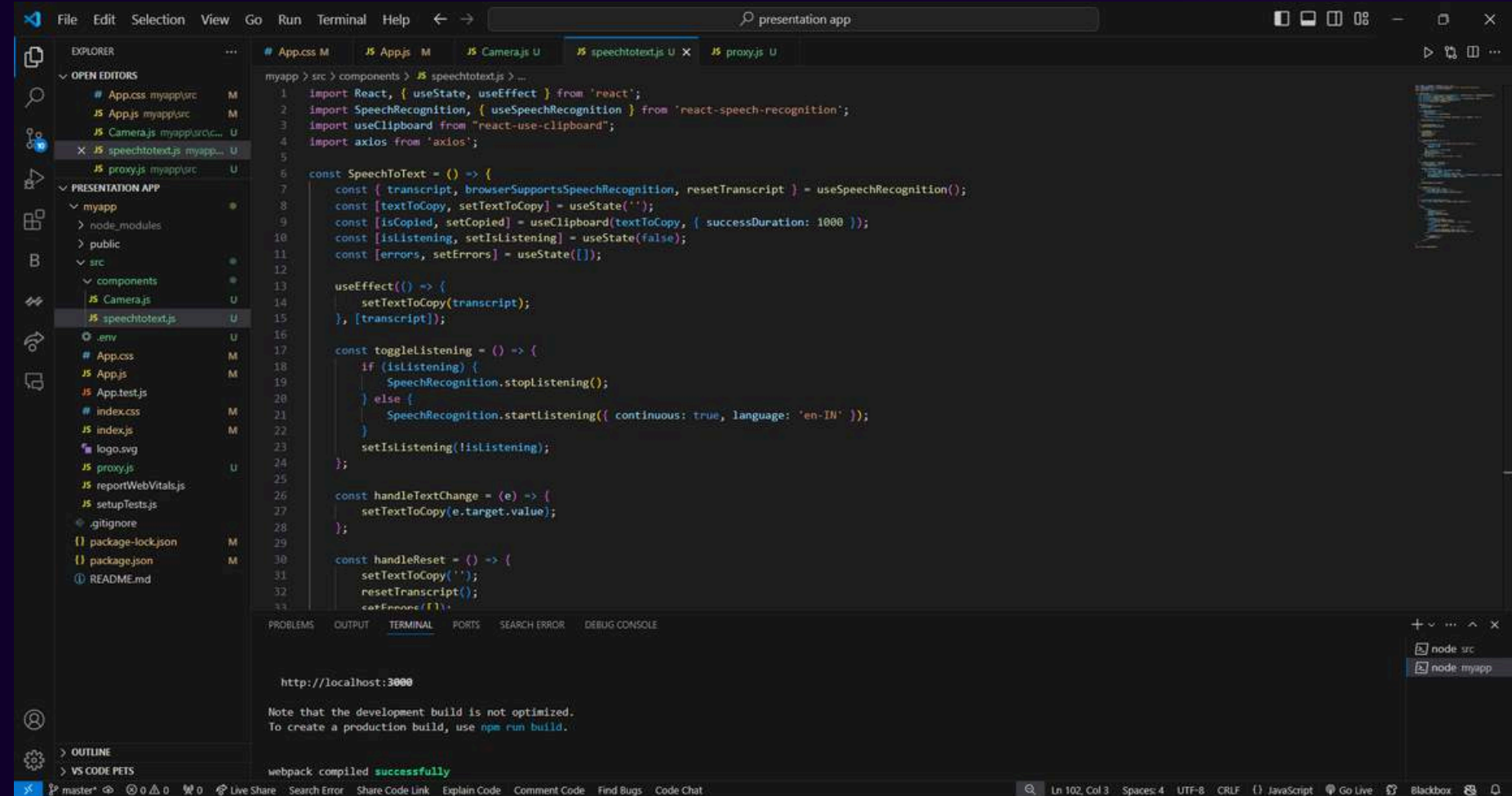
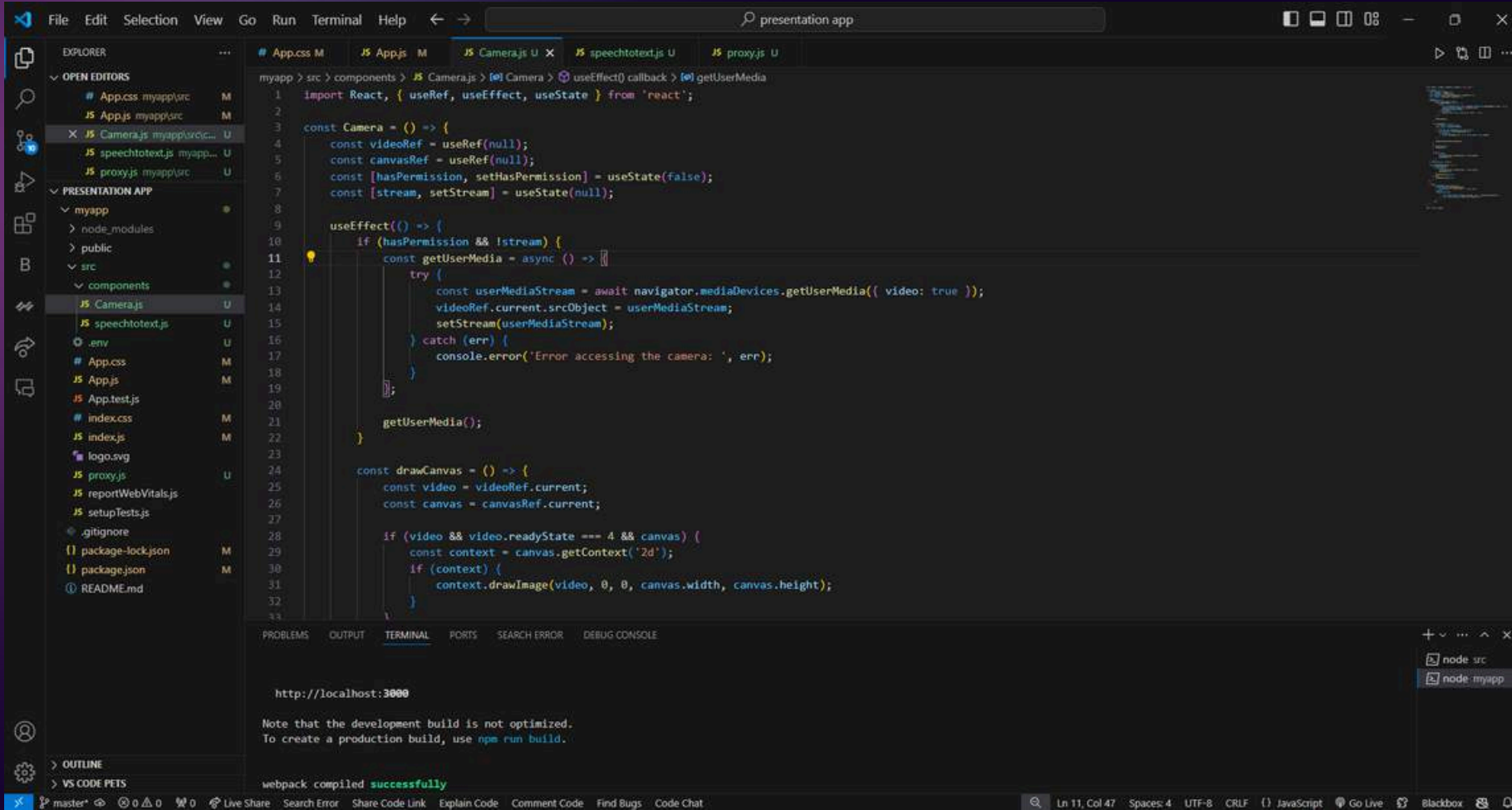
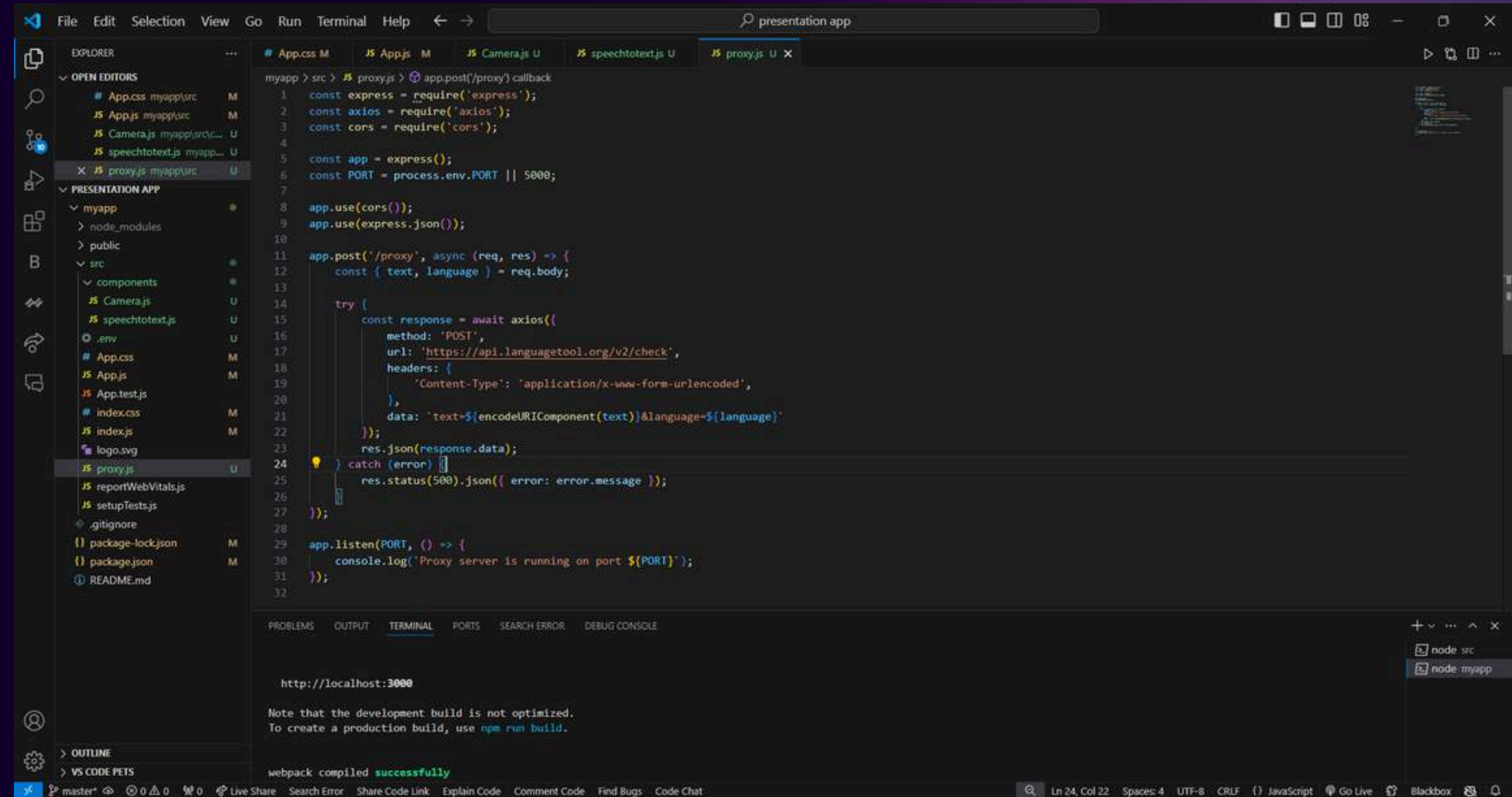
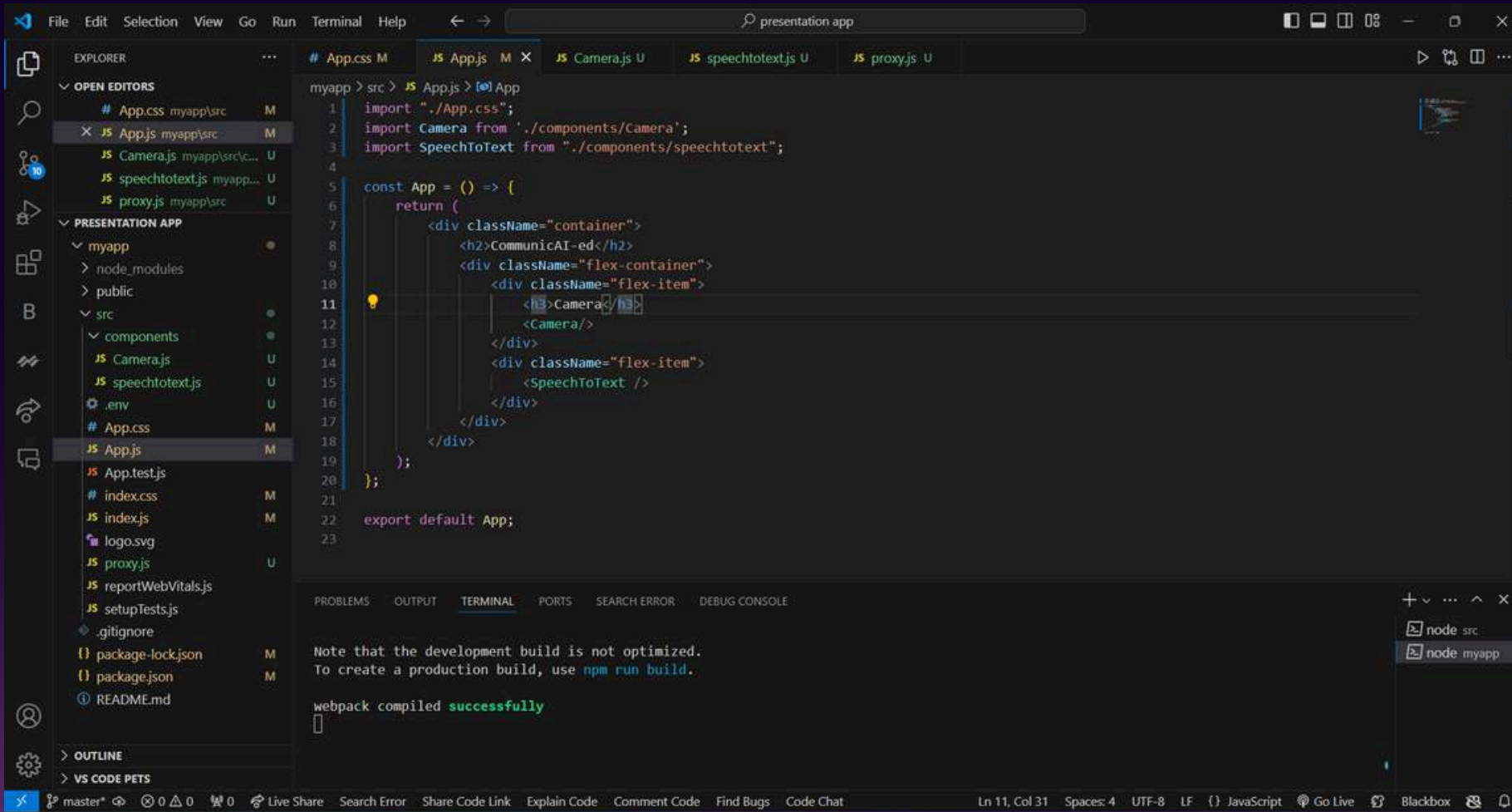
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USER REVIEWS



*"I really was looking for a solution to improve my speaking skills and my vocabulary
Thanks to commiAI-ED"*



KUNDAN
Student

"I struggled with public speaking and often felt unsure about my vocabulary. CommiAI-ED has been a game-changer for me"



SAKSHI
Speaker

"Before using CommiAI-ED, I lacked confidence in my presentations. Now, I feel more articulate and poised, thanks to their amazing tools and feedback!"



SAKETH
Student

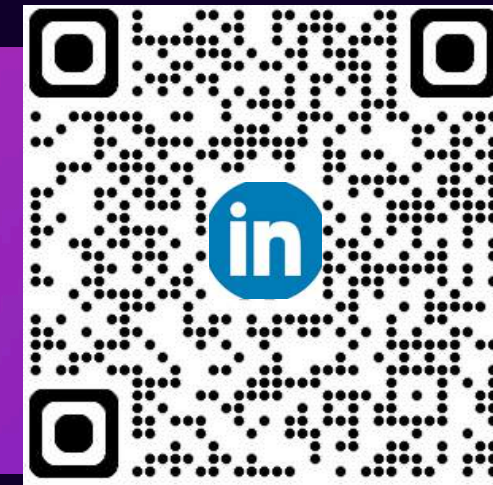
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THANK YOU!

