

SPEECH THERAPY FOR SILENT COMMUNICATORS



PROBLEM STATEMENT: Smart technology for accessible Speech therapy.

OBJECTIVE OF THE WORK: Enhance Speech therapy with Therapies and AI

➡ Utilize AI to analyze and determine the user's Speech disorder level.

➡ Provide Customized therapy with games, reading Exercise, and music.

➡ Develop an intuitive app for easy access to speech therapy anywhere.

➡ Ensure accuracy with professional Medical verification.



Enhanced vocabulary

Improved Articulation

Foundation of complex
speech

Improved communication skills

Increased Vocabulary and confident Boost

SOFTWARE FOR SPEECH LANGUAGE THERAPY

❖ Proposed Solution

- User-friendly interface
- Therapy Music / Sketch book / AI Motivator
- Video conferencing with psychiatrist
- Video conferencing with affable person
- Picture interface / pronunciation / Subtitles
- AI with specialized voice given by the user/Audio
- Affordable courses / People with same disorder

❖ To Address people with Autism / SCD /Aphasia/DLD





Oral motor Therapy (Articulation disorder)

Strengthen the muscles



Stuttering Therapy (Fluency disorder)

Overcome our fear an tension



Aphasia Therapy (Neurological disorder)



Chaining Therapy (Motor Speech Disorder)

FEASIBILITY AND VIABILITY CHALLENGES :

1. Real time Communication Stability
Use WebRTC for stable video conferencing
2. Data Privacy and Security
Implement end-to-end encryption (GPR, HIPAA).
3. High Development Cost
Start with basic AI and video conferencing features



SCAN ME

TECHNICAL APPROACH

TECHNOLOGIES :



METHODOLOGIES :



