

Form 3: Methodology

1. Team No: 06

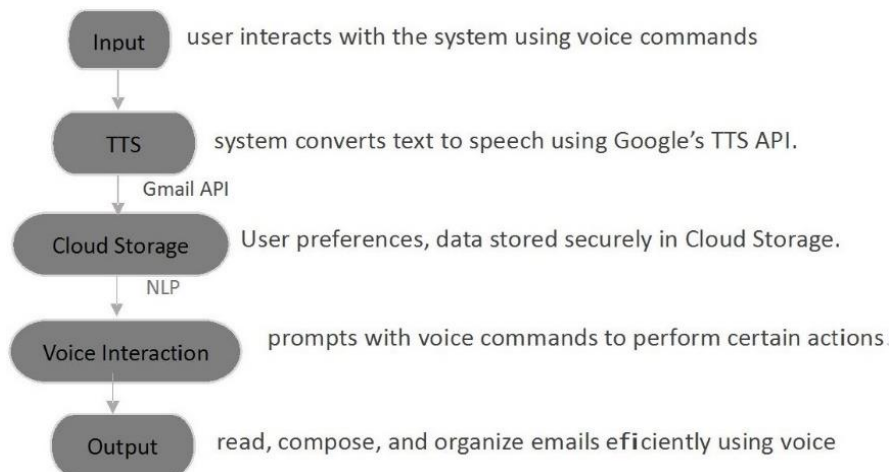
2. Project Title: A Neural Network-Based Voice Dialogue System for Email Management

3. Proposed Method:

This Project is designed for visually impaired individuals by leveraging Transformers Neural Network, Python, and Google Cloud Services to provide a voice-based interface for email management. This system uses TTS for voice interaction, Gmail API for email retrieval, composition, and organization, and Cloud Storage for storing user preferences and data securely. Through personalized customization and voice commands, this system empowers users, bridging the gap left by existing solutions.

4. Proposed Method illustration:

Input, Preprocessing, Facial feature enhancement, Video reconstruction, Audio reintegration, output



5. Parameter Formulae:

- 1. Text-to-Speech (TTS):** For voice interaction.
- 2. Gmail API:** For email retrieval, composition, and organization.
- 3. Cloud Storage:** For storing user preferences and data securely