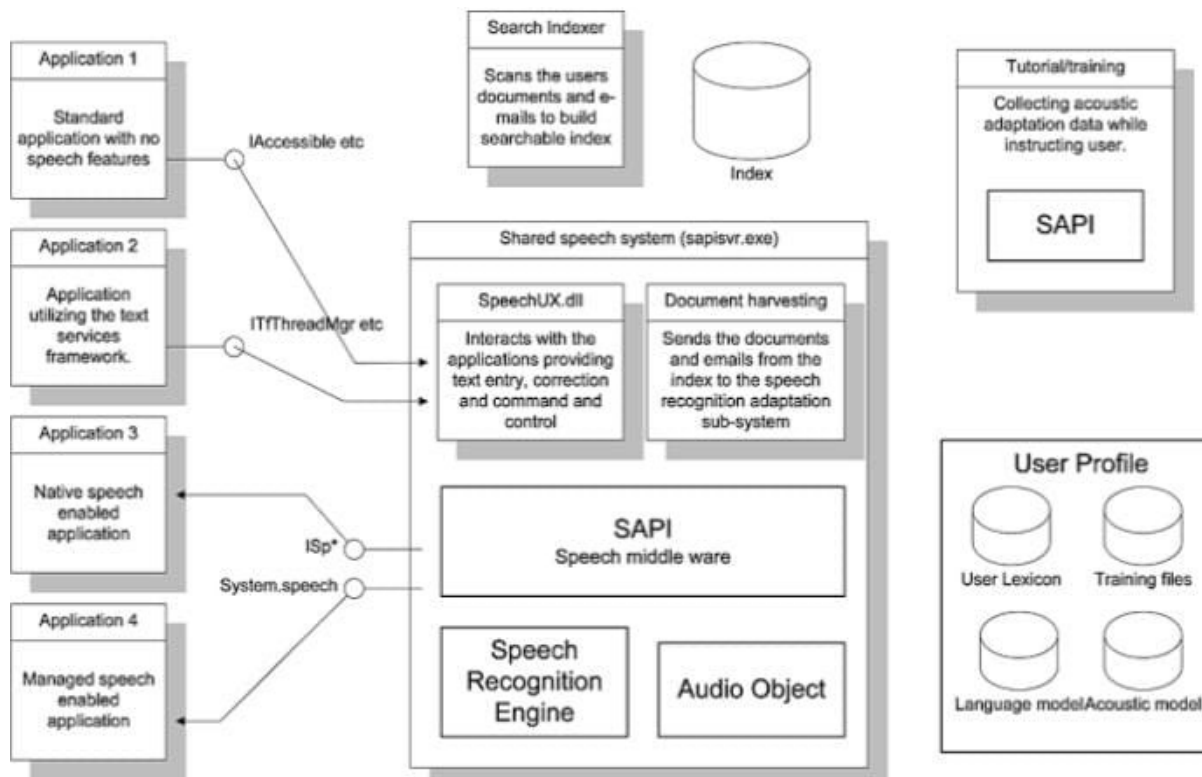
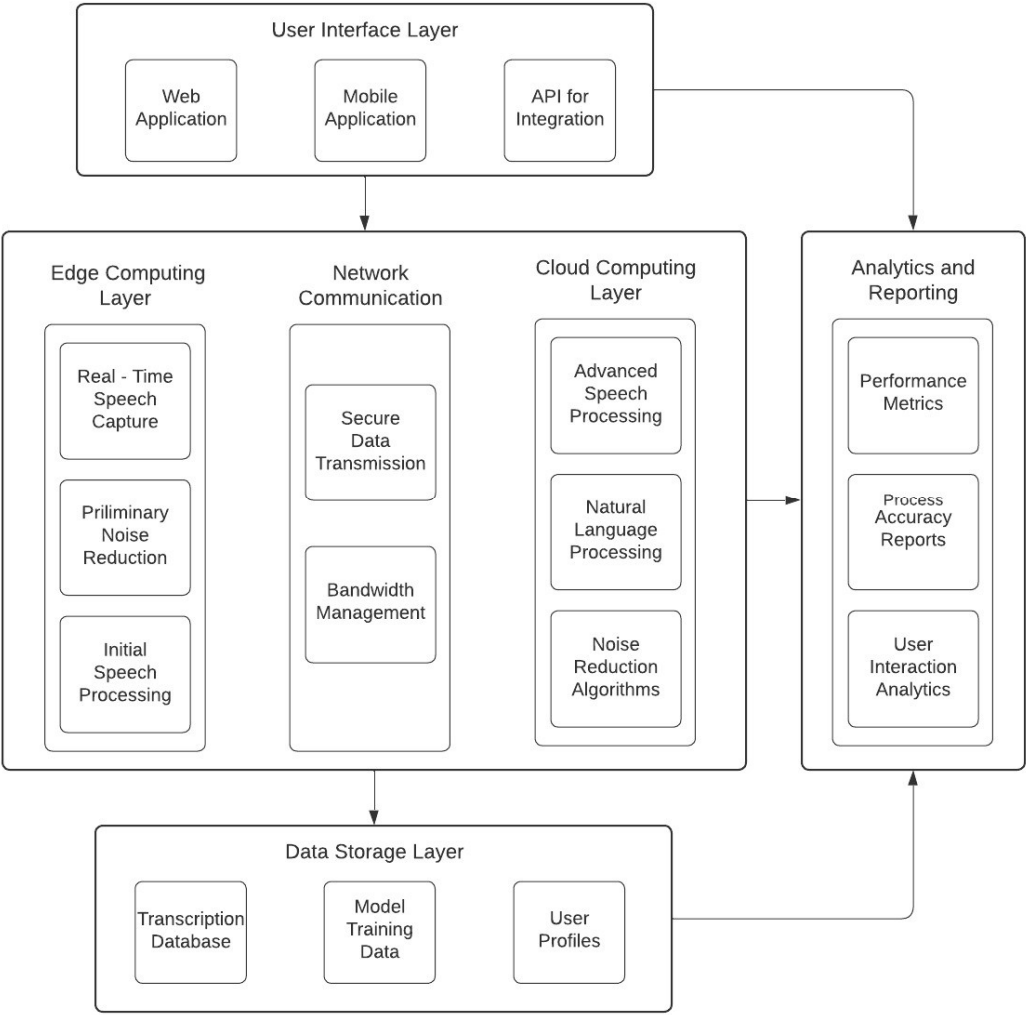


SPEECH RECOGNITION AND SPEECH – TEXT CONVERSION

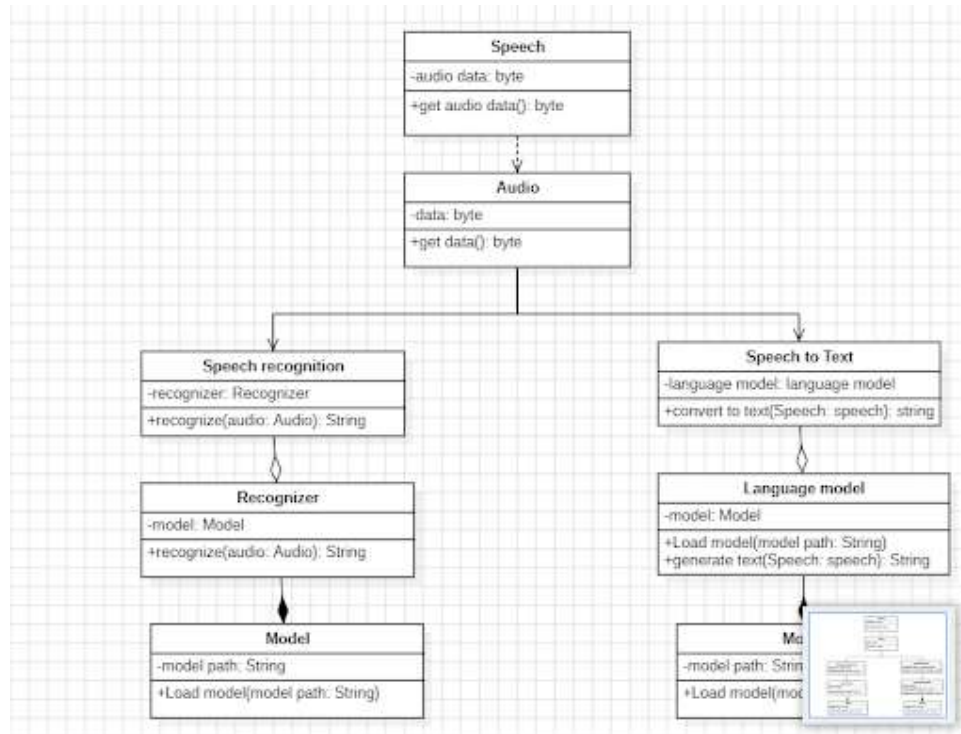
1. BUSINESS ARCHITECTURE DIAGRAM



2. ARCHITECTURE DIAGRAM

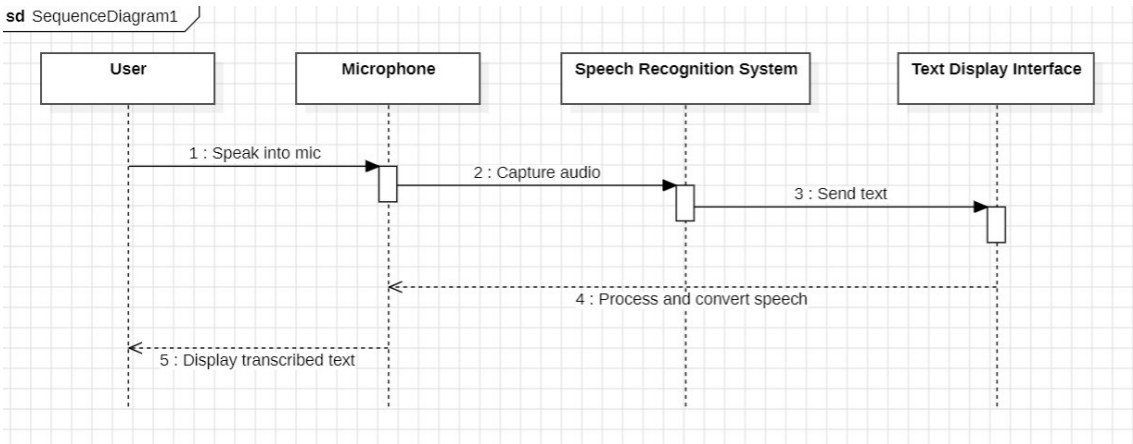


3.CLASS DIAGRAM

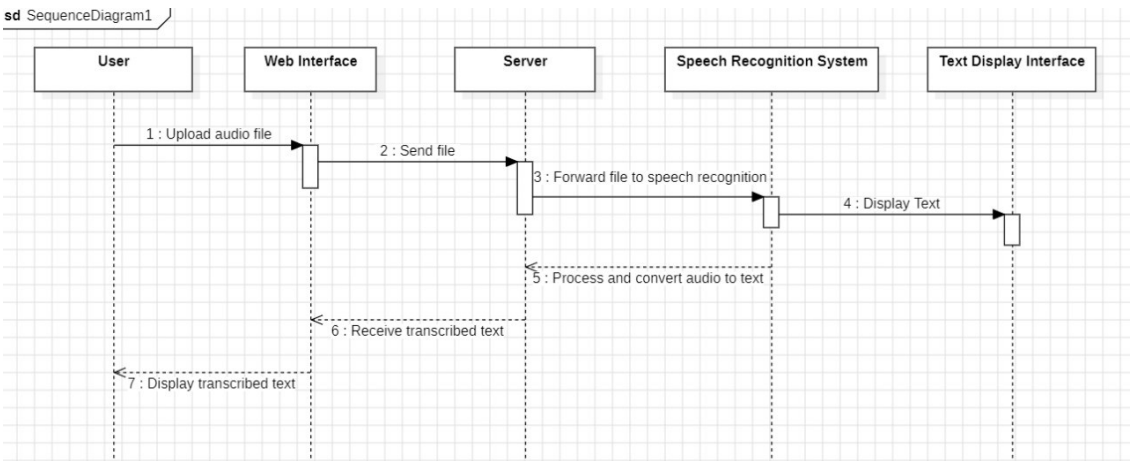


4. SEQUENCE DIAGRAM

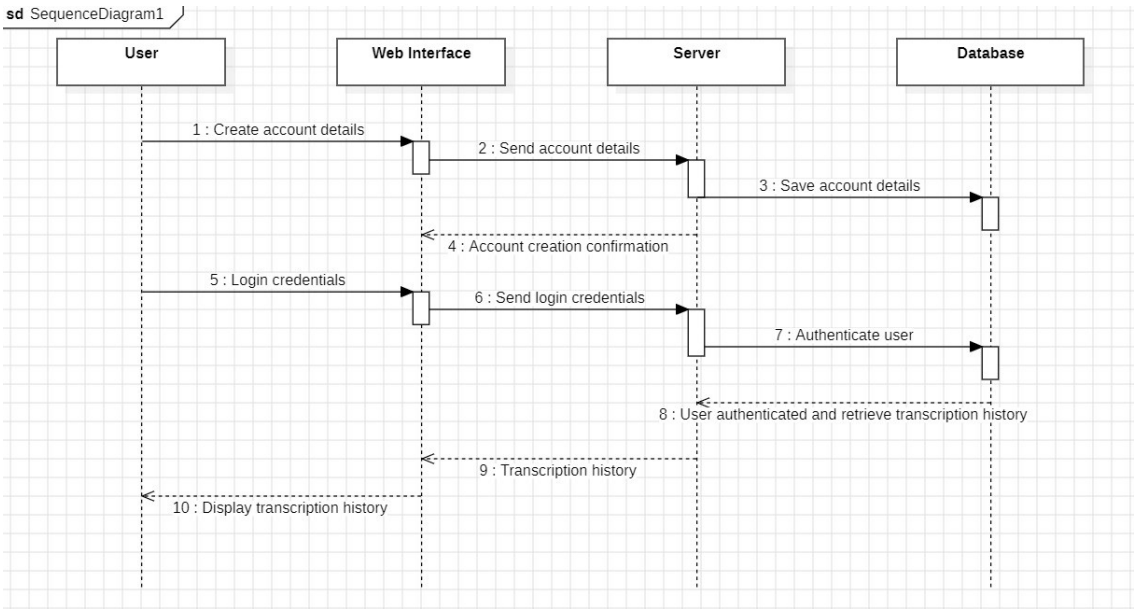
4.1. Basic Speech-to-Text Conversion



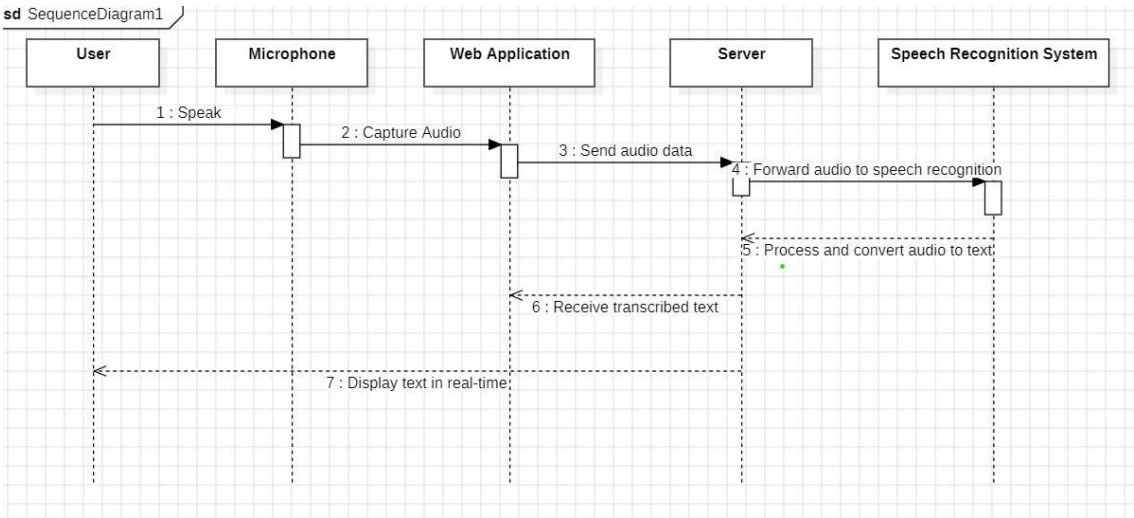
4.2. Audio File Upload and Transcription



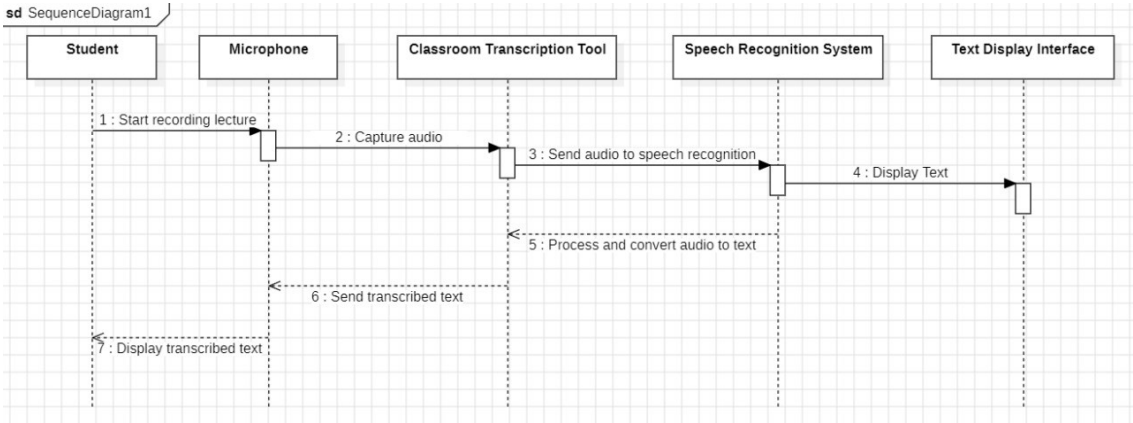
4.3. User Authentication and Transcription History



4.4. Real-Time Speech-to-Text Transcription for Deaf Users



4.5. Classroom Transcription Tool for Notetaking



5.DEPLOYMENT ARCHITECTURE

