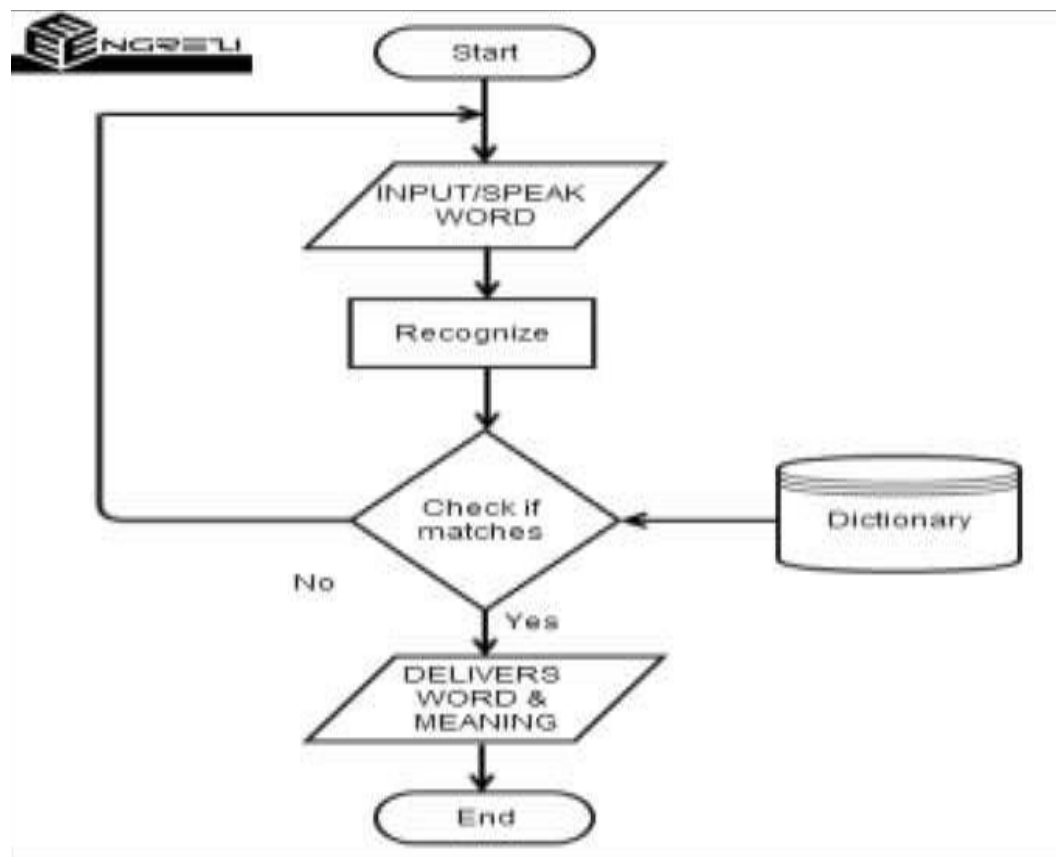
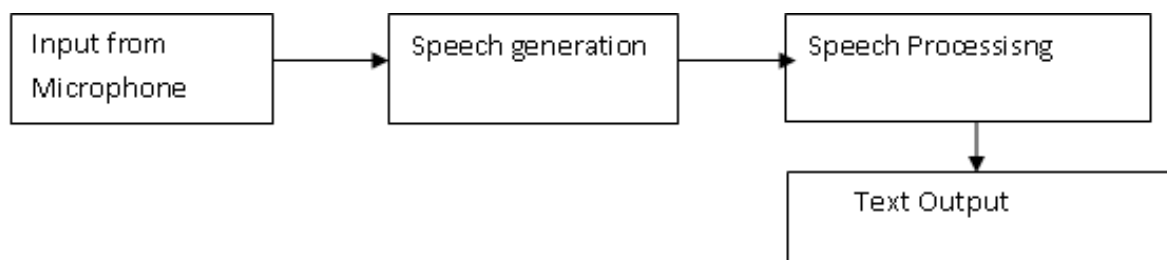


Introduction	Methodology	Results & Conclusions	Advantages & Disadvantages
<p>The system allows one to learn, judge and recognize their potential in English language. It includes various modules which ensure to provide a duo of fun time along with learning experience. This system is based on smart intelligence, voice processing and speech recognition. The combination of all, aims to provide possibly the best software, which will increase one's communication skill to a higher level, if inculcated efficiently.</p>	<p>As an initial attempt a simple model which converts speech to text and vice versa is developed using visual studio, SQLite and Microsoft speech recognition engine</p>	<p>The project has been planned to be designed in a way that it is the complete course learning process for the betterment of pronunciation of the users struggling to achieve at convenience.</p>	<p>It includes the correctness of spelling and meaning with end results of achieving excellence in pronunciation.</p> <p>In future we are planning to improve the pronunciation i.e. sound accuracy by incorporating appropriate filtering techniques.</p>



Khilari, Miss Prachi, and V. P. Bhope. "A REVIEW ON SPEECH TO TEXT CONVERSION METHODS."

Introduction	Methodology	Results & Conclusions	Advantages & Disadvantages
<p>This paper throws light on future direction for developing technique in human computer interface system in different mother tongue and it also discusses the various techniques used in each step of a speech recognition process and attempts to analyse an approach for designing an efficient system for speech recognition</p>	<p>The speaker recognition system may be viewed as working in a four stages-</p> <p>a. Analysis b. Feature extraction c. Testing</p> <p>It contains 2 phases,</p> <ol style="list-style-type: none"> 1. Training 2. Recognition <p>In the training phase, the uttered digits are recorded using 16-bit pulse code modulation (PCM) with a sampling rate of 8 KHz and saved as a wave file using sound recorder software.</p> <p>We use the MATLAB software's wavered command to convert the .wav files to speech samples.</p>	<p>This paper made a clear and simple overview of working of speech to text system (STT) in step by step process. The system gives the input data from mice in the form of voice, then pre-processed that data & converted into text format displayed on PC.</p>	<p>Here paper presents the development of existing STT system by adding spellchecker module to it for different language.</p> <p>Future work may be made to make the speech more effective, and the natural with stress and the emotions.</p>



Nuzhat Atiqua Nafis & Md.Safaet Hossain, "speech to text conversion in real time", Retrieved on 2 Aug 2015.

Introduction	Methodology	Results & Conclusions	Advantages & Disadvantages
<p>“Real time speech to text” can be defined as accurate conversion of words that represents uttered word instantly after speaking.</p> <p>Speech-to-text-conversion is a useful tool for integrating people with hearing impairments in oral communication settings</p>	<p>The processes are described below:</p> <ul style="list-style-type: none">i. Recording audio & converting it into .wav formatii. Processing that .wav fileiii. Storing it in a fileiv. Making software to compare the audio with other audio files with inserted voice and recognize itv. Making a program to show the voice files in text format.	<p>The performance of the project is very good. It recognizes the words with its added database. If the words match then it shows the output. Its accuracy is 75%</p>	<ul style="list-style-type: none">i. The disadvantage is that our project will only run in those computers' which has visual studio in it.ii. Another disadvantage is with our accent. The SDK only recognizes American accent. So it sometimes miswrites our voice messages.