

Nepali Audio Signal Synthesizer

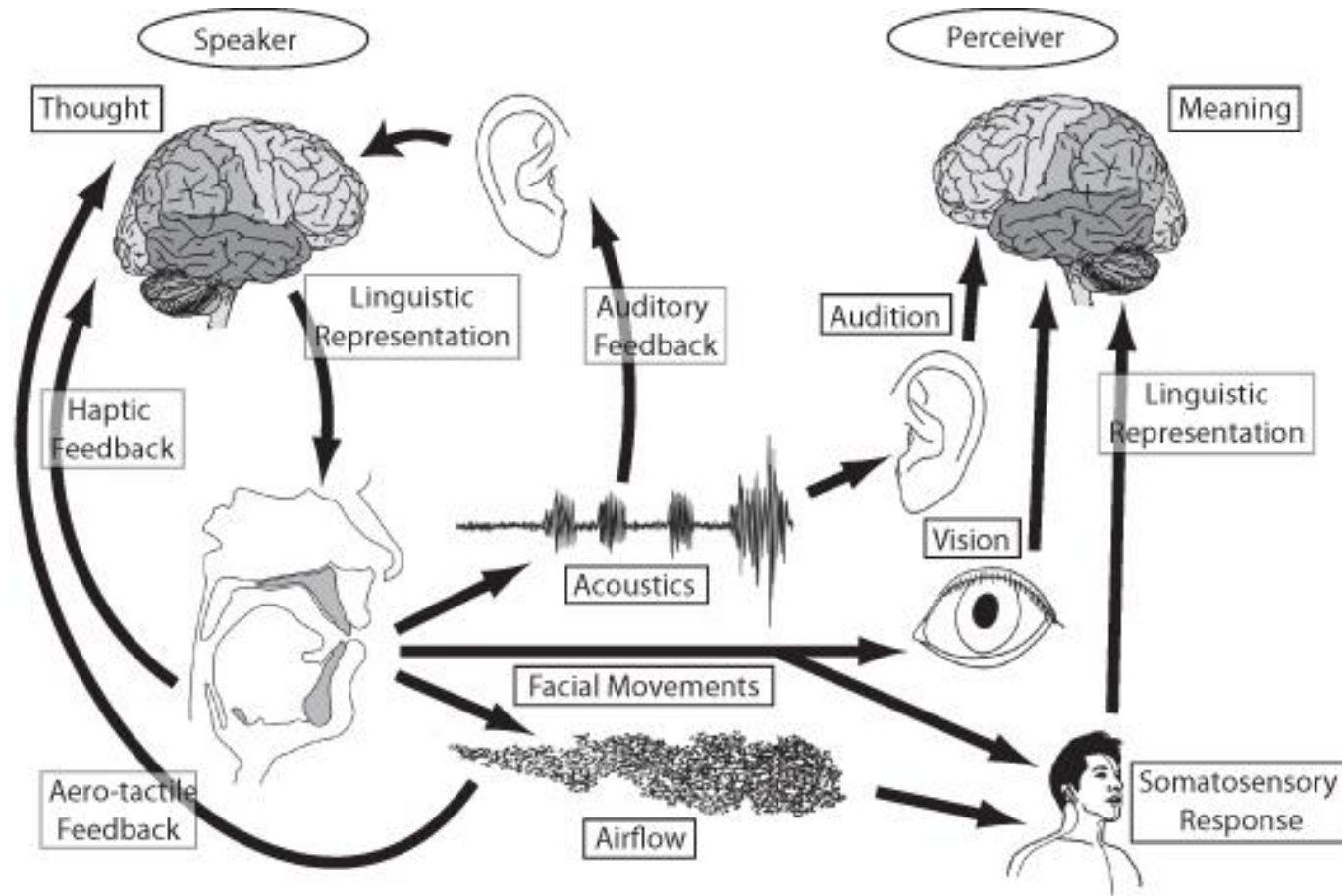
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Submitted To:

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Audio Signal has always been a part of interest.

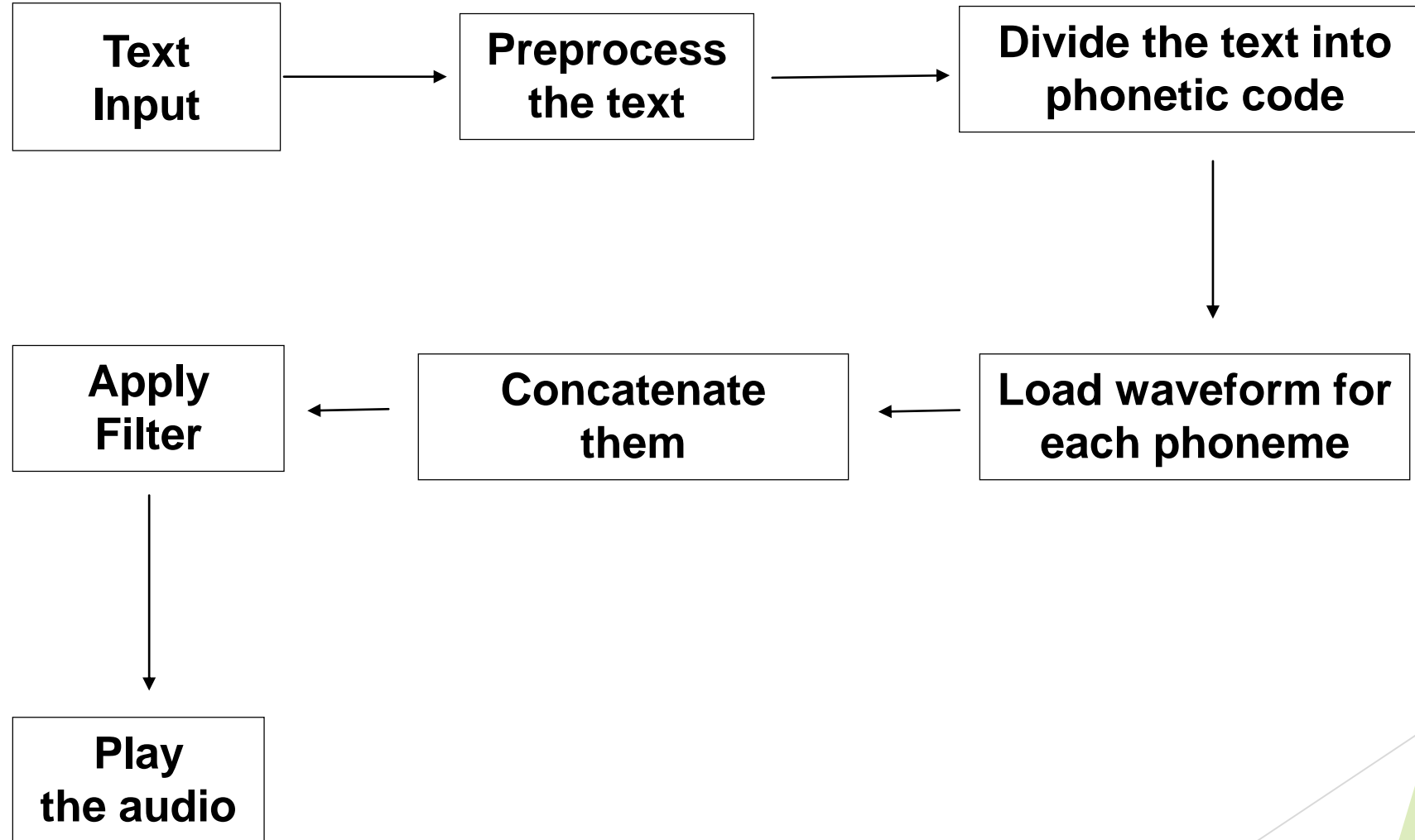


What is our project?

It is a concatenative model based Nepali text to speech system.

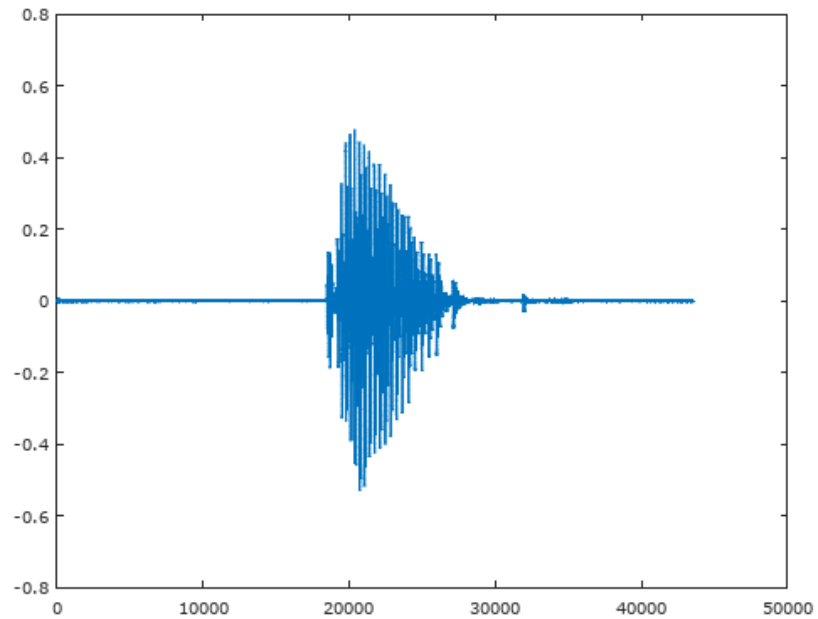


How it is all done?

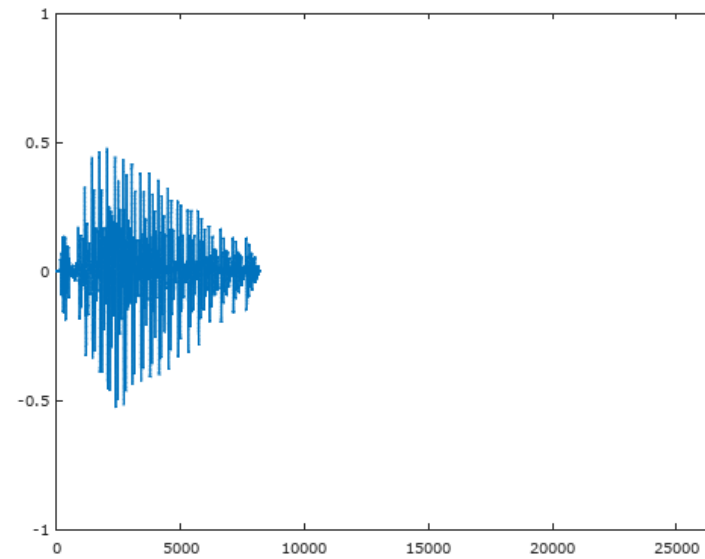


We started with Data collection.

Data Collection



At Raw state



After Preprocessing

Behind the scene, what happens is:

पुल्चोक \$ *



पुल्चोक



पुल्चोक = पु + ल् + चो + क

User interface

Input Text:

पुल्चोक क्याम्पसमा तपाईंलाई स्वागत छ।

Play

SWOT ANALYSIS

S

-Can handle many unexpected situation

W

-Non-humanly sound

O

•Possibility of further enhancement

T

- Outdated Model

Applications

- It can be used as assistance technology for verbally impaired and illiterate people.
- It can be used for giving humanoid ability to robots.
- It can be used for making voice bots which can serve people in many field like hospitals, government offices etc.
- It may change the way we produce audiobooks, radio programs and many more.

The background features abstract, overlapping geometric shapes in various shades of green, ranging from light lime to dark forest green. These shapes are primarily located on the left and right sides of the frame, creating a modern, layered effect. The central area is a plain white background.

Thank you