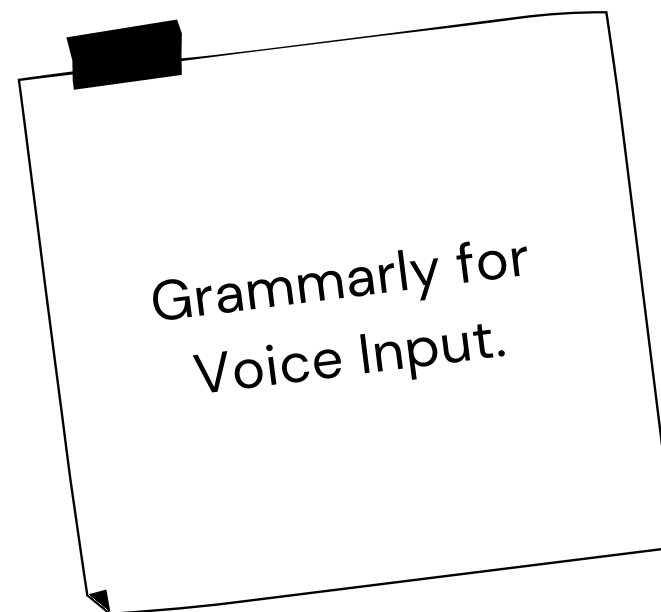
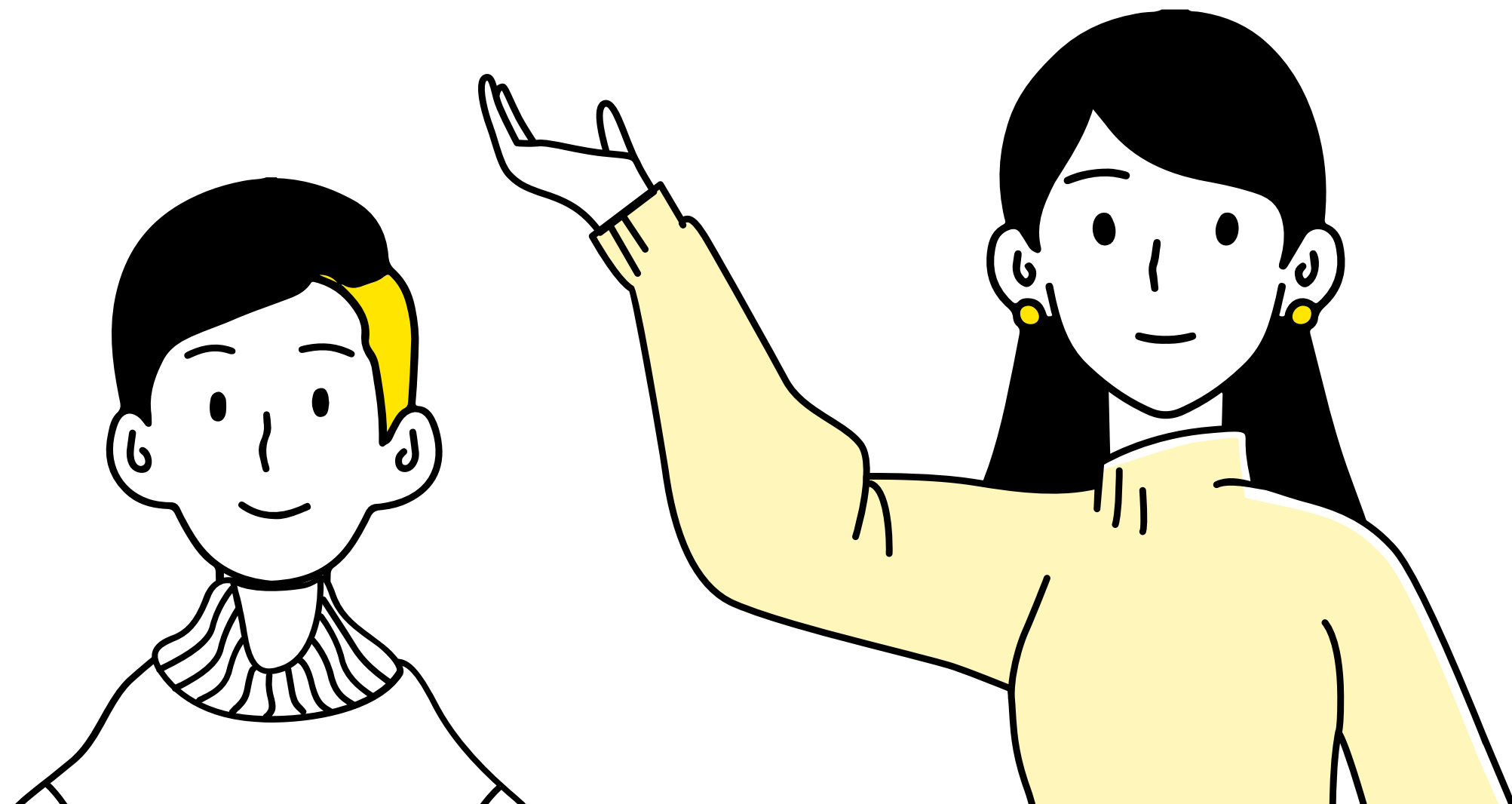


# Voicely

A Digital Voice Assistant tool



Team: The Pack



# Problem

## *Theme – Education*

1

We can understand the English language very well while when it comes to speaking or interaction, almost 50% of us make grammatical Mistakes.

2

Doing grammatical mistakes in professional communications leads to a bad impact and ends up with low confidence of speaker.

3

Students don't have adequate resources to improve their grammatical or pronunciation **mistakes** in **real-time** while speaking.

4

There is no application which checks your verbal communication skills and corrects you or gives you feedback.

# Let's get started!



# Solution

Today you can be easily guided if you make some written mistake by applications such as Grammarly. What if you have some application having your back to ensure whatever you speak and send to anyone is also grammatically correct and pronounced correctly.

1

We present you Voicely.

3

It then generates your deep cloned voice

5

Now your deep cloned voice speaks the corrected text

2

Voicely once trains itself on your voice sample.

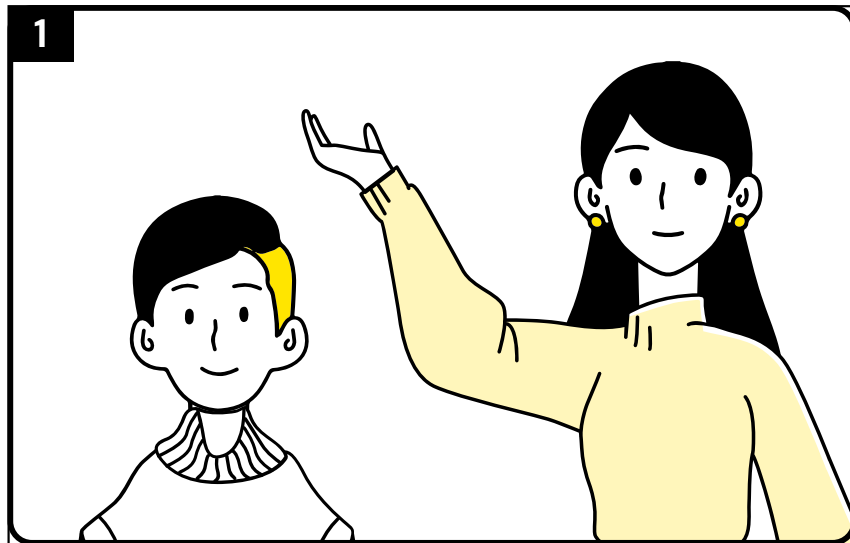
4

Your speech is converted to text and grammatically corrected

6

Hurray! Send the corrected speech to the receiver :)

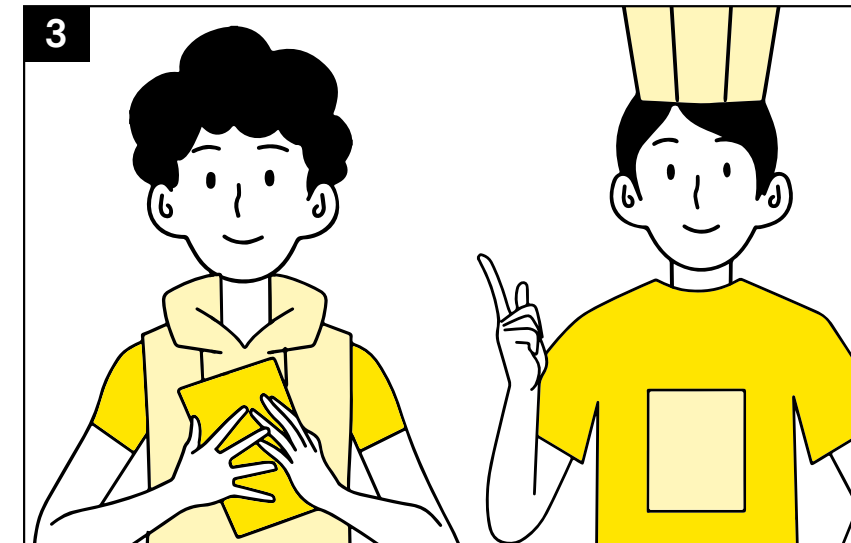
# Let's understand Voicely with a story



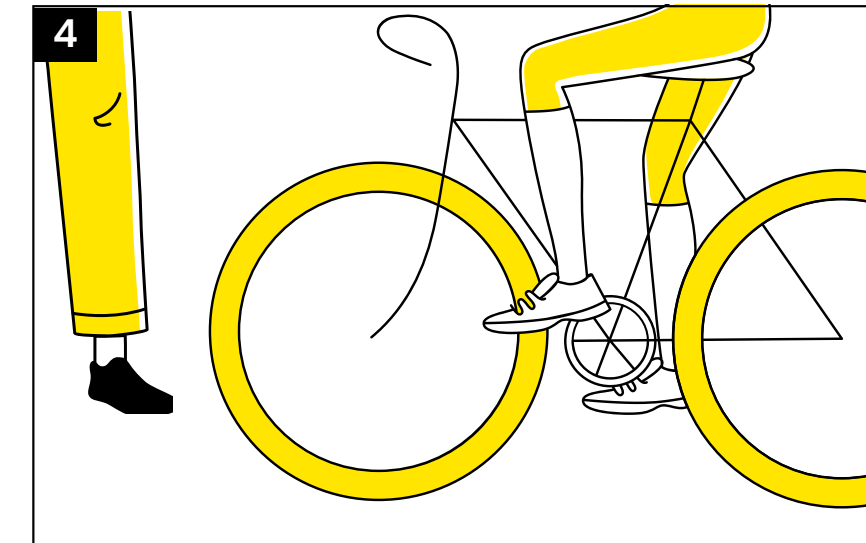
John makes too many grammatical mistakes while speaking and is thus not confident while speaking and sending voice notes.



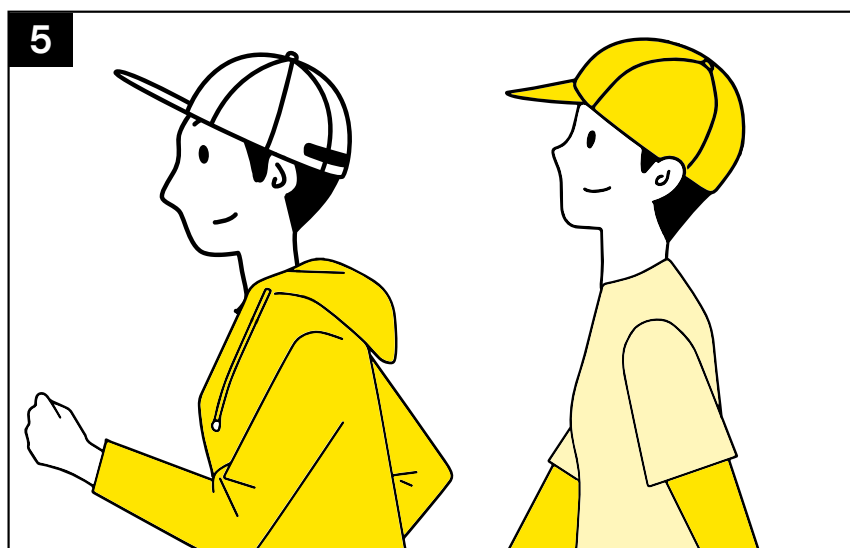
John is not able to convey his message correctly in voice notes and therefore his morale goes down.



He comes across the application "voicely". Voicely asks John to speak some sample written text on the application.



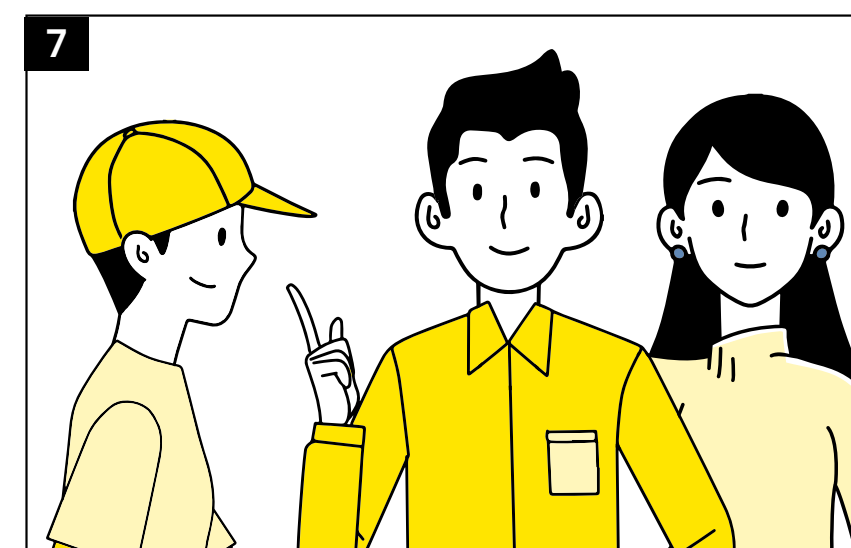
The high powered GPU application now trains itself to generate an exact clone of the John's voice.



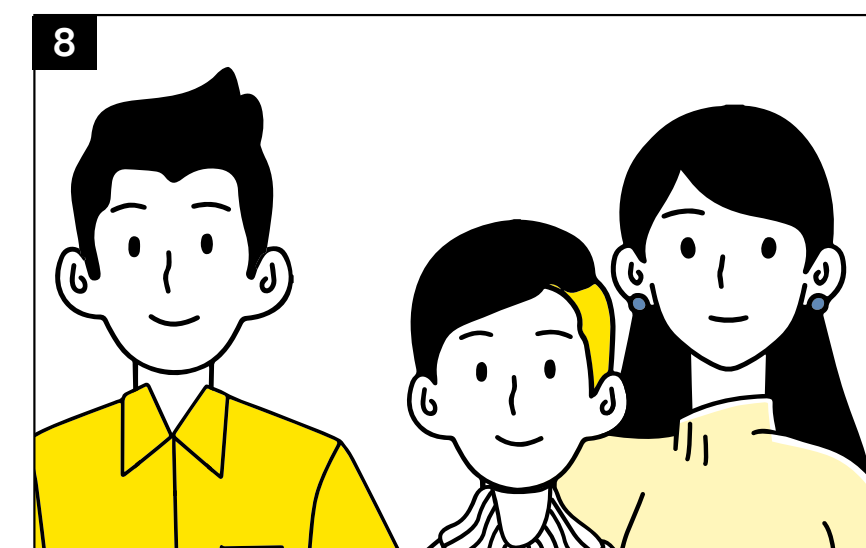
Now voicely is available as a plugin for John which he can use in any application where he needs to convey his voice message.



This time John's grammatical or pronunciation mistakes are all handled by voicely and thus the receiver gets a perfect voice message.

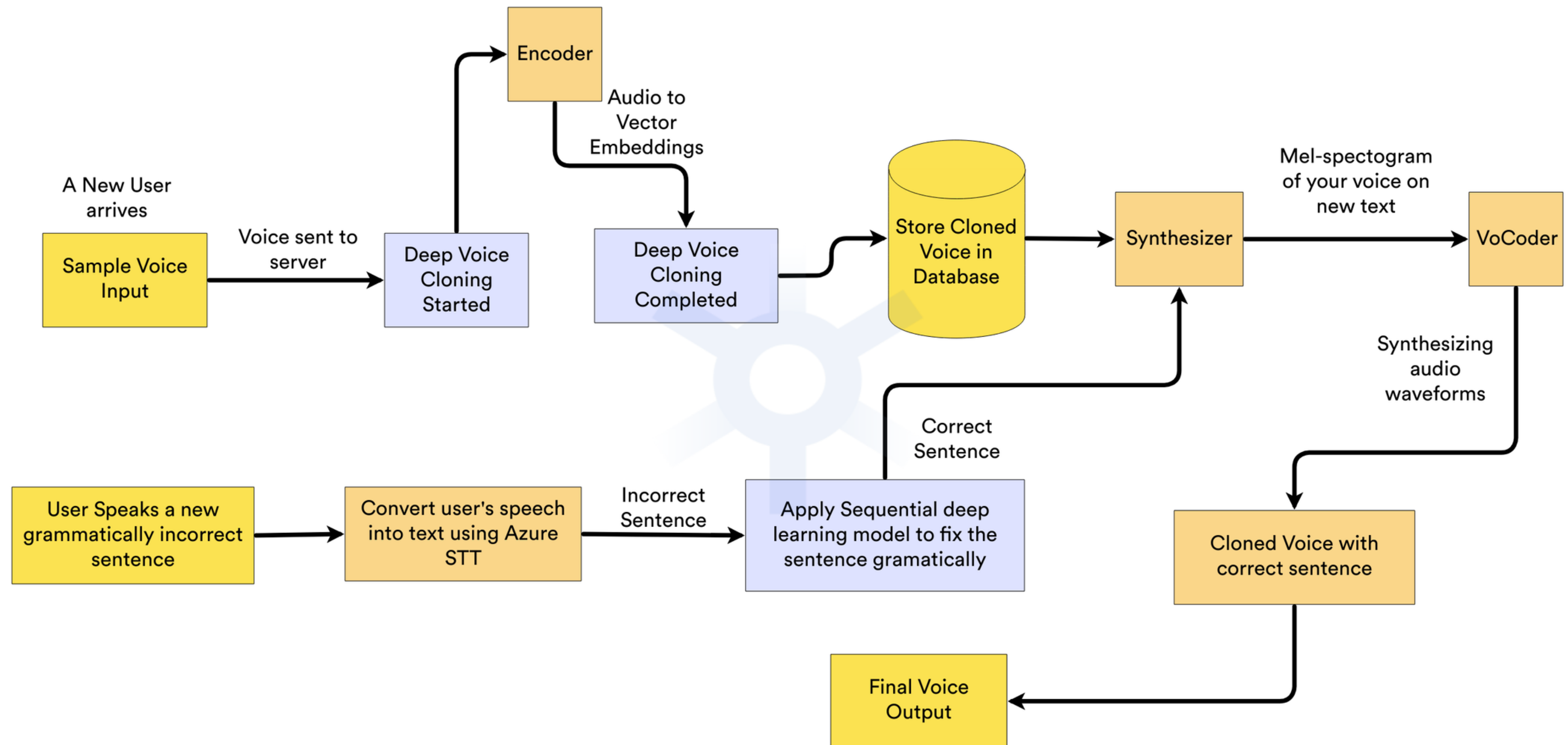


This helps John to speak freely online without giving too much attention on grammar and pronunciation.



To use this product for long term, John quickly buys the premium version of the application and helps Voicely grow.

# Voicely Architecture



## Frontend



Angular



Nebular  
Components



PWA  
Mobile App

## Backend



JS Backend



Python  
Backend



Azure  
Cognitive  
Services

## Deep Learning



PyTorch



Librosa



Keras

# Use Cases of Application

- 1** Boosting the confidence of students while speaking in online classes.
- 2** Helps people with a medical condition of stuttering.
- 3** Content creators can use this application to correct their speech.
- 4** Basically, this app will help you anywhere you have an option to record your audio.





# Business Model

- 1 Provide free subscription for audio on 1 min – Freemium Model
- 2 Premium Subscription for long audio voice text and realtime use plugins
- 3 Providing weekly analysis to premium subscribed users
- 4 Integrating the plugin with video conferencing platforms.



# Thank you!

