

# **Guide to Using the App's Features**

## **1. Text-to-Speech Translation**

- Provide text input in the desired source language.
- Specify the target language for translation.
- The model will process the text and generate a speech output in the target language.

## **2. Speech-to-Text Translation (If OpenAI Whisper is enabled)**

- Upload an audio file containing speech in the source language.
- The application will transcribe the speech and translate it into the desired language.

## **3. API Access**

- The application provides API endpoints for programmatic access to the translation services.
- Refer to the `api/` directory for available endpoints and usage instructions.

## **4. Configuration Management**

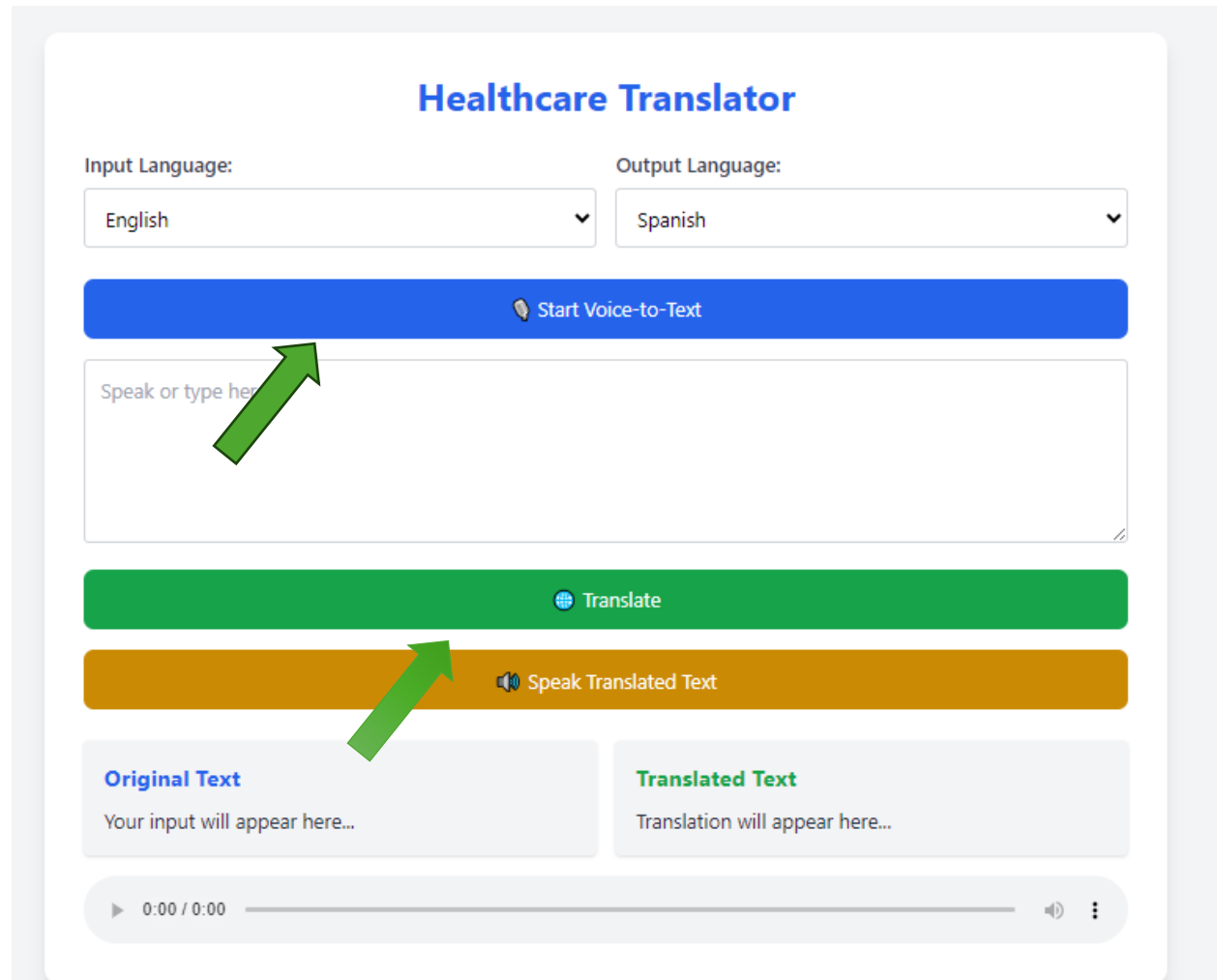
- Modify configuration files within the `config/` directory to customize model parameters, API keys, and deployment settings.

## **5. Logging & Monitoring**

- Logs are generated for each request, enabling monitoring and troubleshooting.
- Check logs to validate input processing and output generation.

Step-1:

Open the application and write the word/text/ speak throw the voice



The screenshot displays the 'Healthcare Translator' application interface. At the top, the title 'Healthcare Translator' is centered in blue. Below the title, there are two dropdown menus: 'Input Language:' set to 'English' and 'Output Language:' set to 'Spanish'. A large blue button labeled 'Start Voice-to-Text' with a microphone icon is positioned below the language selectors. A green arrow points to this button. Underneath is a large text input area with the placeholder text 'Speak or type here...'. Below the input area is a green button labeled 'Translate' with a globe icon. Another green arrow points to this button. Below the 'Translate' button is an orange button labeled 'Speak Translated Text' with a speaker icon. Below these buttons are two side-by-side text boxes: 'Original Text' with the placeholder 'Your input will appear here...' and 'Translated Text' with the placeholder 'Translation will appear here...'. At the bottom, there is a media player control bar showing '0:00 / 0:00' and a volume icon.

Step-2:

Insert the word and click for the **Translate Button**

### Healthcare Translator

Input Language:

English

Output Language:

Spanish

Start Voice-to-Text

cancer|

Translate

Speak Translated Text

**Original Text**  
Your input will appear here...

**Translated Text**  
Translation will appear here...

0:00 / 0:00

Step-3:

After that a translated text appears

## Healthcare Translator

Input Language:

English

Output Language:

Spanish

Start Voice-to-Text

cancer

Translate

Speak Translated Text

**Original Text**  
cancer

**Translated Text**  
The translation of the term "cancer" from English to Spanish is "cáncer," which refers to a group of diseases characterized by the uncontrolled growth and spread of abnormal cells in the body.

0:00 / 0:00

in the Box (Translated Text)

Step-4:

Speak button to read a person in the desired language the user wanted.


# Healthcare Translator

Input Language:


English

Output Language:

Spanish

 Start Voice-to-Text

cancer

 Translate

 Speak Translated Text

## Original Text

cancer

## Translated Text

The translation of the term "cancer" from English to Spanish is "cáncer," which refers to a group of diseases characterized by the uncontrolled growth and spread of abnormal cells in the body.

0:03 / 0:16



# Healthcare Translator

Input Language:


English

▼

Output Language:

French

▼

 Start Voice-to-Text

cancer

 Translate

 Speak Translated Text

## Original Text

cancer

## Translated Text

The term "cancer" is translated from English to French as "cancer," and it is indeed identical in both languages. In medical contexts, "cancer" refers to a group of diseases characterized by the uncontrolled growth and spread of abnormal cells. It is important to note that while the term remains the same, the understanding and treatment of cancer may vary across different healthcare systems and cultures.

 0:04 / 0:33