1. Tech Stack
Python (for simplicity & cross-platform use)
Tkinter → GUI
googletrans library → Translation (Google Translate API unofficial)
Optional: pyperclip for copy-to-clipboard, gTTS for text-to-speech
2. Features
Input text box for the user
Dropdown menus for source & target languages
Translate button
Output area for translated text
Optional:

Implementation Outline

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Copy to Clipboard
Listen to translation (Text-to-Speech)
3. Example Code (Python + Tkinter + googletrans)
import tkinter as tk
from tkinter import ttk, messagebox
from googletrans import Translator, LANGUAGES
import pyperclip
from gtts import gTTS
import os
# Translator object
translator = Translator()
def translate_text():
  try:
     src_lang = source_lang.get()
     tgt_lang = target_lang.get()
     text = input_text.get("1.0", tk.END).strip()
```

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if not text:
    messagebox.showwarning("Warning", "Please enter text to translate.")
    return

result = translator.translate(text, src=src_lang, dest=tgt_lang)
    output_text.delete("1.0", tk.END)
    output_text.insert(tk.END, result.text)

except Exception as e:
    messagebox.showerror("Error", str(e))

def copy_to_clipboard():
    pyperclip.copy(output_text.get("1.
```