```python
import tkinter as tk
from PIL import Image, ImageTk
import speech_recognition as sr
import pyttsx3
import pywhatkit
import datetime
import pyjokes
import requests
from bs4 import BeautifulSoup
from urllib.parse import quote
import webbrowser
import os

class AlexaGUI:
    def __init__(self, root):
        self.root = root
        self.root.title("Alexa Assistant")
        self.root.configure(bg="Green")
        self.root.geometry("500x400")

        self.heading_frame = tk.Frame(self.root, bg="Green")
        self.heading_frame.pack(pady=20)

        self.heading_photo = None  # Add this line to hold the reference
        self.alexa_photo = None  # Add this line to hold the reference

        try:
            self.heading_image = Image.open("ale.png")
            self.heading_image = self.heading_image.resize((250, 80))
            self.heading_photo = ImageTk.PhotoImage(self.heading_image)
            self.heading_label = tk.Label(self.heading_frame, image=self.heading_photo, bd=0,
bg="lightblue")
            self.heading_label.pack()
        except FileNotFoundError:
            self.heading_label = tk.Label(self.heading_frame, text="Alexa", font=("Arial", 24),
bg="lightblue")
            self.heading_label.pack()

        self.dark_blue_frame = tk.Frame(self.root, bg="lightpink")
        self.dark_blue_frame.pack(pady=0, padx=0, fill=tk.BOTH, expand=True)

        self.arrow_label = tk.Label(self.dark_blue_frame, text="Click here to start ALEXA", font=("Arial",
13), fg="white", bg="darkblue")
        self.arrow_label.grid(row=0, column=0, padx=(0, 0))
        self.start_label = tk.Label(self.dark_blue_frame, text="➜", font=("Arial", 16), fg="white",
bg="red")
        self.start_label.grid(row=0, column=1, padx=10)

        try:
            self.alexa_image = Image.open("Alexa_image.png")
            self.alexa_image = self.alexa_image.resize((200, 200))
            self.alexa_photo = ImageTk.PhotoImage(self.alexa_image)
            self.alexa_button = tk.Button(self.dark_blue_frame, image=self.alexa_photo, bd=0,
bg="darkblue", command=self.on_alexa_click)
            self.alexa_button.grid(row=0, column=2, padx=10)
        except FileNotFoundError:
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        self.alexa_button = tk.Button(self.dark_blue_frame, text="Start Alexa", font=("Arial", 18), bd=0,
bg="darkblue", fg="white", command=self.on_alexa_click)
        self.alexa_button.grid(row=0, column=2, padx=10)

    self.listener = sr.Recognizer()
    self.engine = pyttsx3.init()
    self.voices = self.engine.getProperty("voices")
    self.engine.setProperty("voice", self.voices[1].id)

    self.footer_frame = tk.Frame(self.root, bg="black", bd=1, relief=tk.SUNKEN)
    self.footer_frame.pack(side=tk.BOTTOM, fill=tk.X)

    self.created_by_label = tk.Label(self.footer_frame, text="Created by RAHUL", font=("Arial", 14),
fg="white", bg="black")
    self.created_by_label.pack(pady=7)

def talk(self, text):
    self.engine.say(text)
    self.engine.runAndWait()

def alexa_command(self):
    max_attempts =2
    attempt = 0
    command = ""

    while attempt < max_attempts:
        try:
            with sr.Microphone() as source:
                print("Listening...")
                voice = self.listener.listen(source)
                command = self.listener.recognize_google(voice)
                command = command.lower()
                if "alexa" in command:
                    command = command.replace("alexa", "")
                    self.talk(command)
                    break
                else:
                    self.talk("Unable to detect voice, please try again.")
                    attempt += 1
        except sr.UnknownValueError:
            attempt += 1
            self.talk("Unable to detect voice, please try again.")
        except sr.RequestError:
            self.talk("Sorry, my speech recognition service is not available at the moment.")
            break

    return command

def google_search(self, query):
    encoded_query = quote(query)
    url = f"https://www.google.com/search?q={encoded_query}"
    headers = {"User-Agent": "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36
(KHTML, like Gecko) Chrome/91.0.4472.124 Safari/537.36"}
    response = requests.get(url, headers=headers)
    soup = BeautifulSoup(response.text, 'html.parser')
    search_results = soup.find_all('div', class_='tF2Cxc')
    if search_results:
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                result = search_results[0].find('div', class_='yuRUbf').a
                title = result.text
                link = result['href']
                return title, link
            else:
                return "No results found", ""

    def run_alexa(self):
        command = self.alexa_command()
        print(command)
        if "play" in command:
            song = command.replace("play", "")
            self.talk("Playing" + song)
            pywhatkit.playonyt(song)
        elif "time" in command:
            time = datetime.datetime.now().strftime("%H:%M")
            print(time)
            self.talk("Current time is" + time)
        elif "joke" in command:
            self.talk(pyjokes.get_joke())
        elif "search" in command:
            query = command.replace("search", "")
            self.talk("Searching Google for " + query)
            title, link = self.google_search(query)
            if title != "No results found":
                self.talk("Top result: " + title)
                print("Top result:", title)
                print("Link:", link)
                self.talk("Opening the top search result in your web browser.")
                webbrowser.open(link)
            else:
                self.talk("Sorry, no results found for " + query)

    def on_alexa_click(self):
        self.talk("Hi, I am your Alexa. What can I do for you?")
        self.run_alexa()

if __name__ == "__main__":
    root = tk.Tk()
    app = AlexaGUI(root)
    root.mainloop()
```