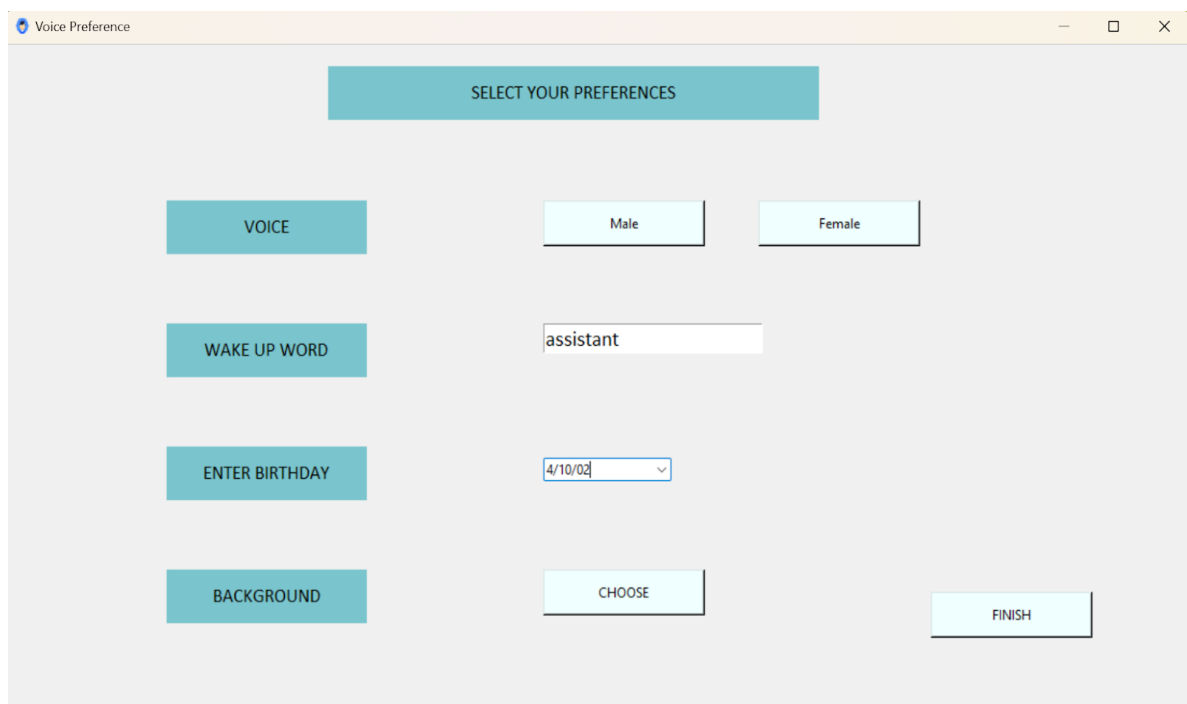# Desktop Voice Assistant (Oct 2022 - May 2023)

- To use this assistant Firstly, you have to sign up for a customized experience or use a trial version. Once you have done that, you can use the wake-up word to activate the assistant. The voice assistant will then capture audio input from you in the specified language, which can be English, Kannada, or Hindi.

- After you have provided the input, you need to wait for a response. The voice assistant will then convert your audio input into text using speech recognition software. Natural language processing techniques are then used to parse the user's text and extract the intent and relevant parameters.

- If necessary, the voice assistant will request additional information from you to clarify your intent or better understand the parameters. Based on the user's intent and parameters, the assistant will determine the appropriate action to take. This could involve completing a task, retrieving information, or providing an answer to your question.

- To generate a response, response generation techniques are used, which involve selecting the most appropriate text based on the user's intent and parameters. The response is then converted into speech using text-to-speech software, so the voice assistant can give the final response to you in a natural-sounding voice.

- Once the voice assistant has provided the final response, the process ends. Overall, using a voice assistant involves a combination of advanced technologies such as speech recognition, natural language processing, response generation, and text-to-speech software, all working together to create a seamless experience for the user.
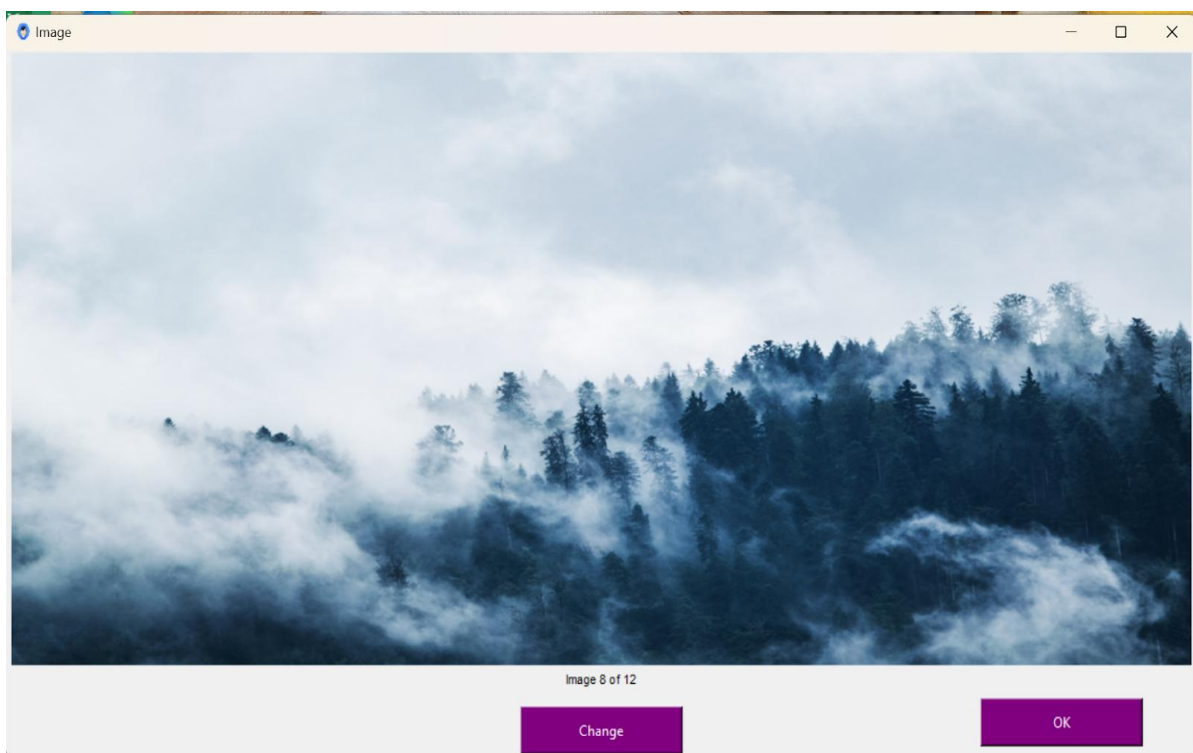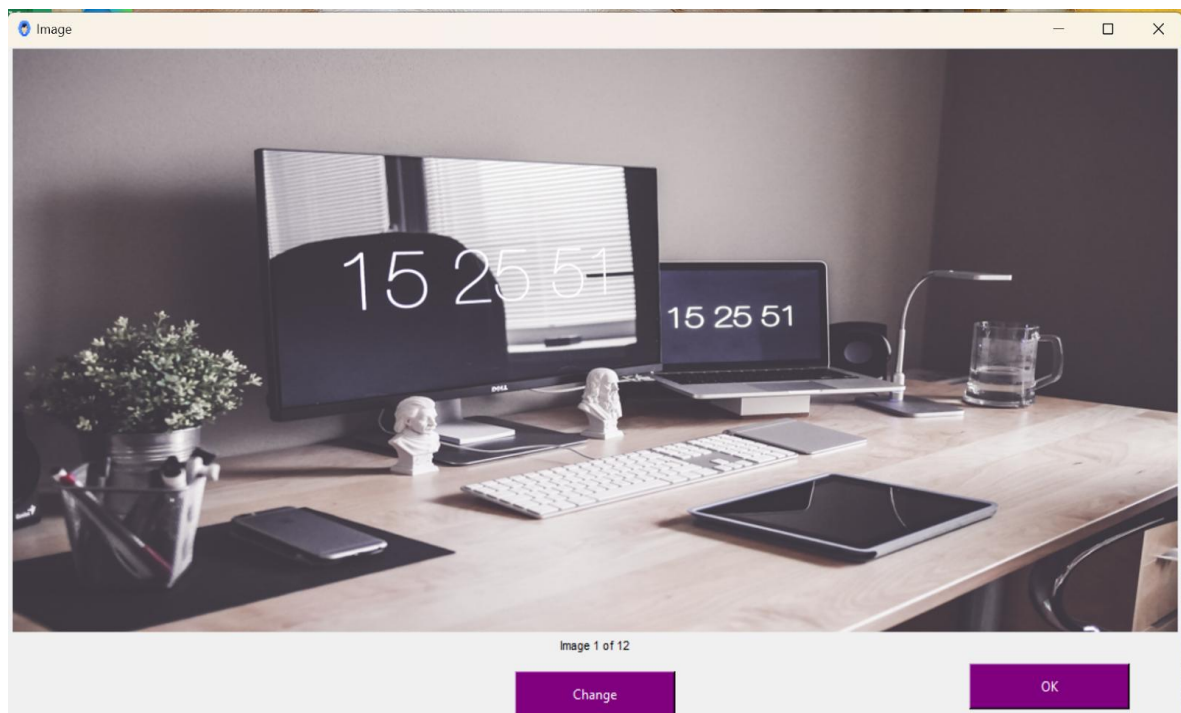
Screenshots
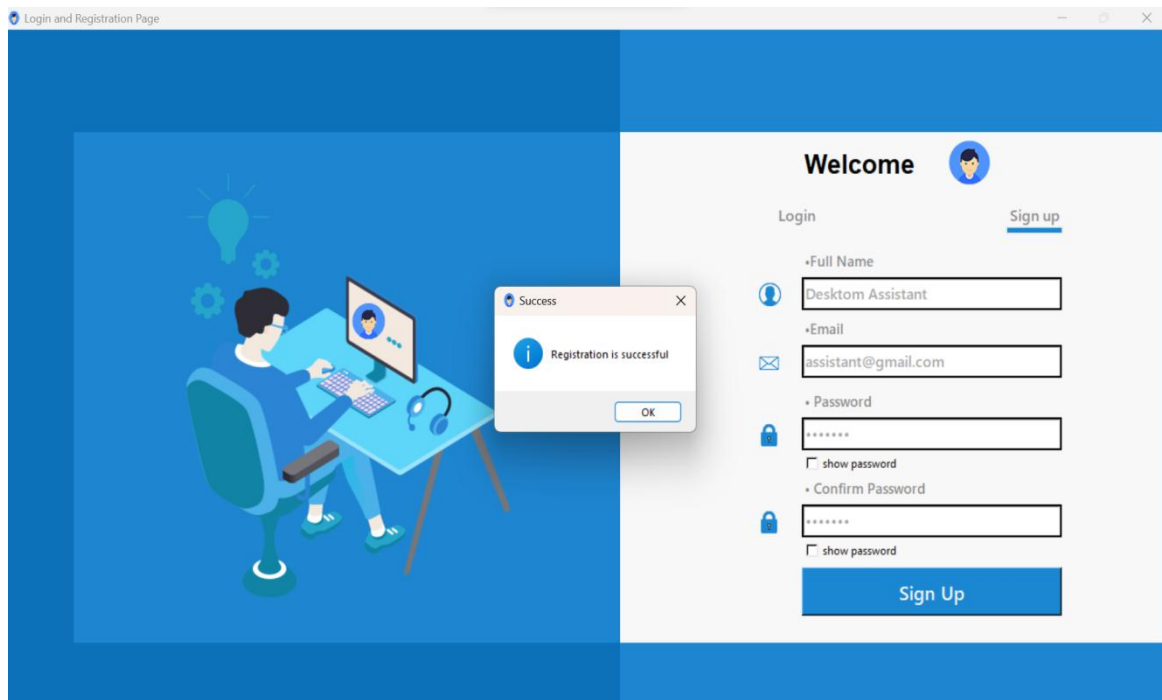
Fig 5: Registration Page
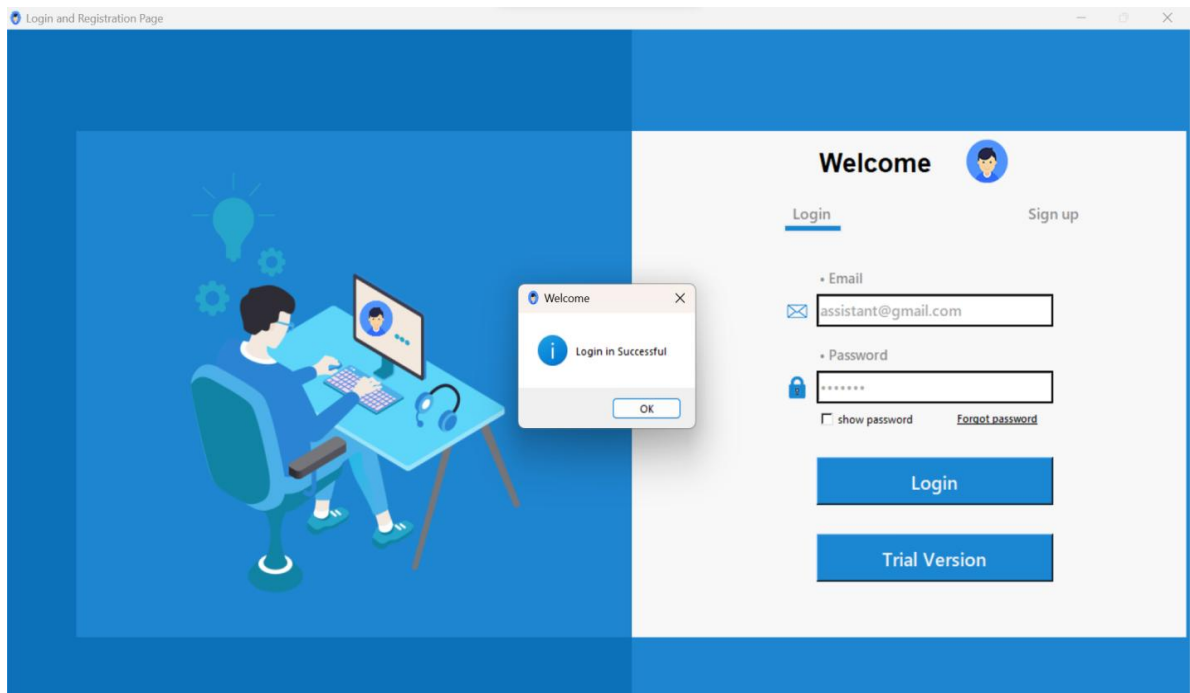

Fig 6: Preference Page

Image 1 of 12

Image 8 of 12

Fig 7: Choosing background images

Fig 8: Login Page

Fig 9: Main page

DESKTOP ASSISTANT

ABOUT

ABOUT

English

Hindi

Kannada

COMMAND FORMAT

for youTube search : youTube search_term
searching in wikipedia : wikipedia search_term
to browse google : search search_term
to get map/location of a place : where is place_name
get weather updates : weather
to get latest news : news
send an email : email
add event to reminder : event
to lock the device : lock window
opening applications : open application_name
closing applications : close application_name
writing notes : notes / note / notepad
listen to a random song from device : song / music
listen to a specific song from spotify : spotify
to know date : date
to know time : time
to know which day it is : day
to know the battery percentage : battery percentage
to switch language : switch

DESKTOP ASSISTANT

ABOUT

ABOUT

English

Hindi

Kannada

COMMAND FORMAT

यूट्यूब खोलने के लिए : यूट्यूब (शब्द जो आप जानना चाहते हैं)
विकिपीडिया से जानकारी प्राप्त करने के लिए : विकिपीडिया (शब्द जो आप जानना चाहते हैं)
गूगल ब्राउज़ करने के लिए : खोज (शब्द जो आप जानना चाहते हैं)
एक स्थान का मानचित्र/स्थान का पता लगाने के लिए : स्थान का नाम कहाँ है?
हवामान अपडेट प्राप्त करें : हवामान
ताज़ा ख़बरें प्राप्त करने के लिए : खबर
ईमेल भेजने के लिए : ईमेल
एप्लिकेशन खोलने के लिए : (एप्लिकेशन का नाम) खोलो
एप्लिकेशन बंद करने के लिए : (एप्लिकेशन का नाम) बंद करें
टिप्पणियाँ लिखने के लिए : टिप्पणि / टिप्पणियाँ / नोटपैड
डिवाइस से एक यादृच्छिक गाना सुनने के लिए : गाना / संगीत
स्पॉटिफाई से एक विशिष्ट गाना सुनने के लिए : स्पॉटिफाई
तारीख़ जानने के लिए : तारीख़
समय जानने के लिए : समय
आज कौन सा दिन है यह जानने के लिए : दिन
बैटरी का प्रतिशत जानने के लिए : बैटरी प्रतिशत
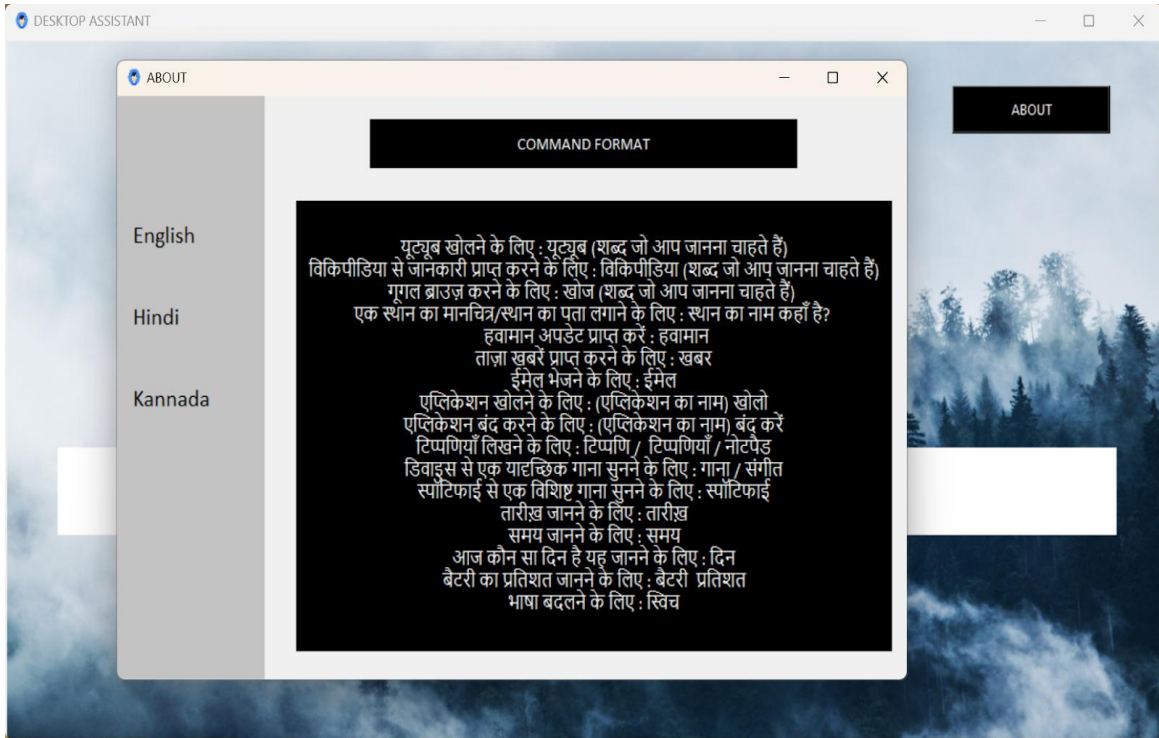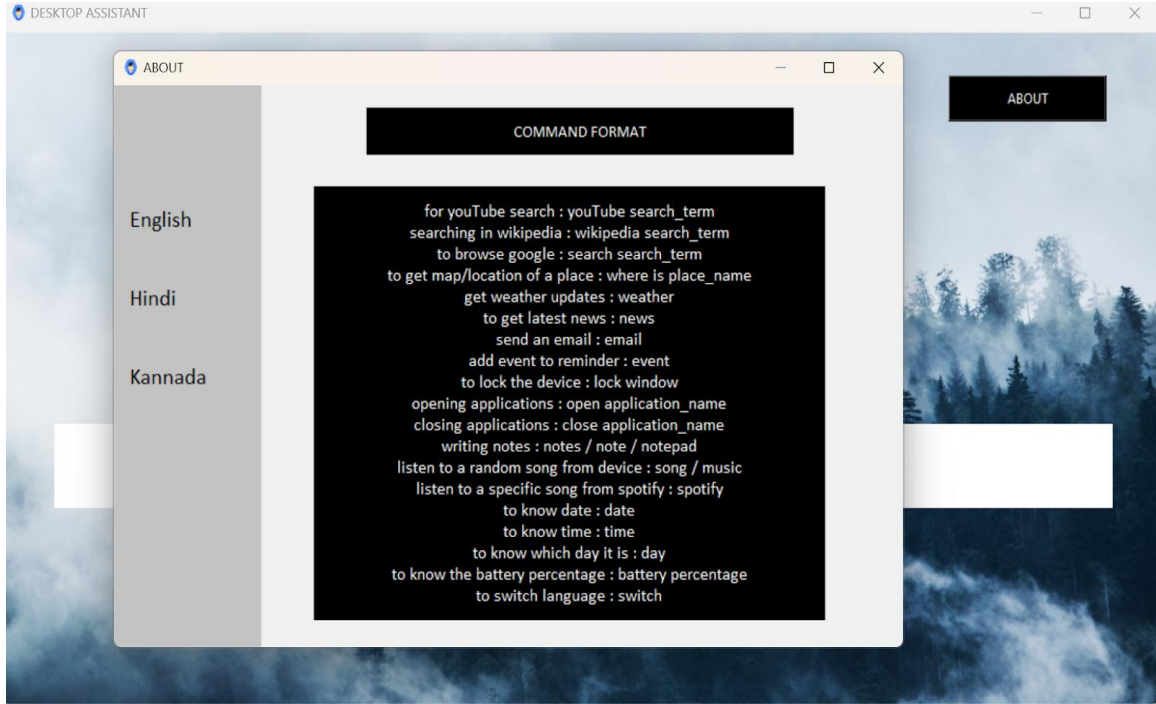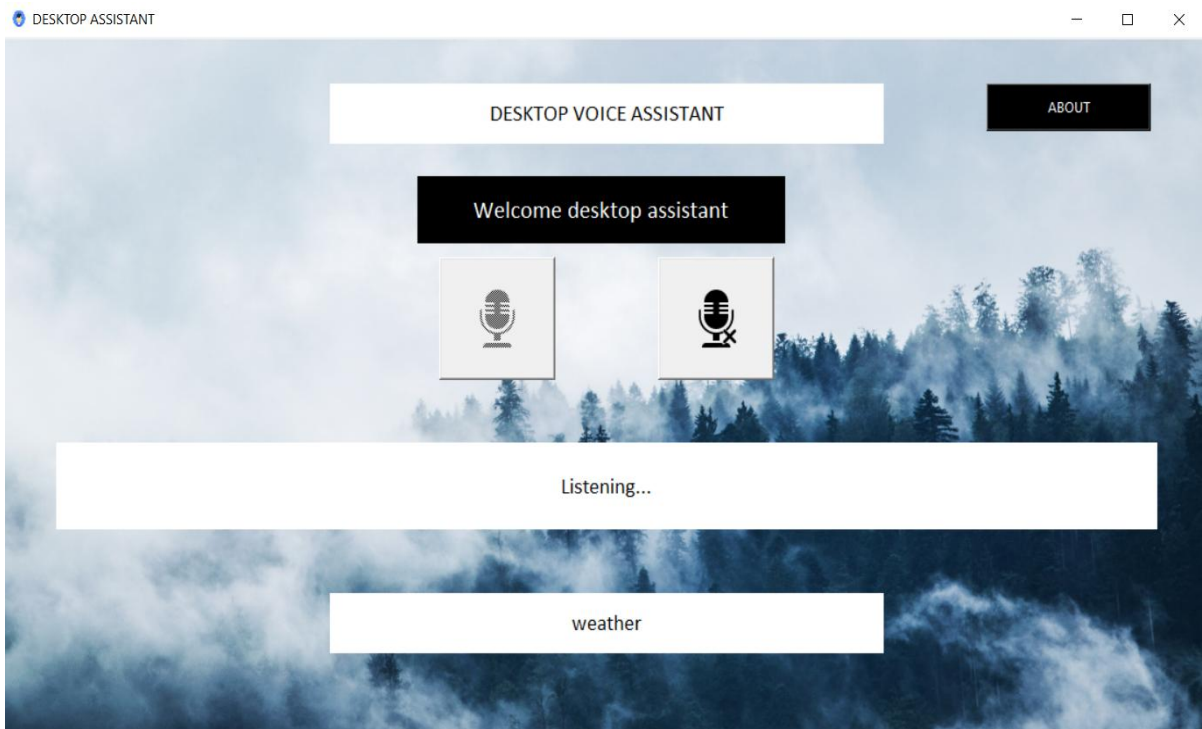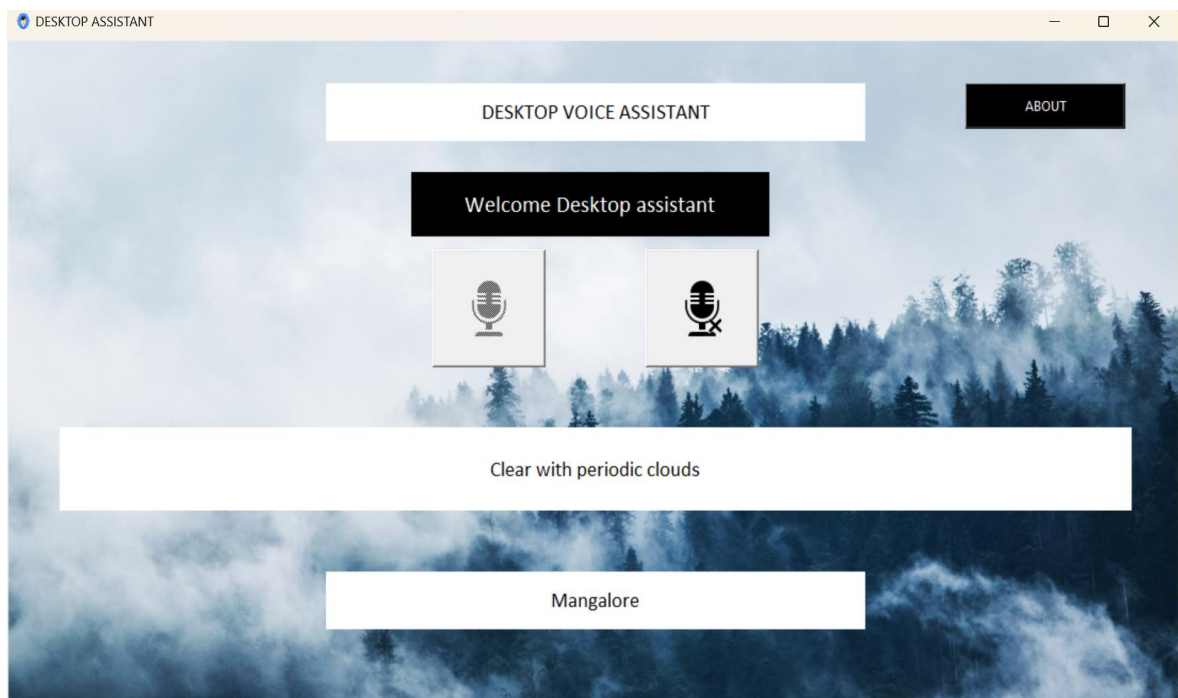भाषा बदलने के लिए : स्विच

Fig 10: About Pages

Fig 11: User is asking about weather

Fig 12: Voice assistant responding to user query (English)
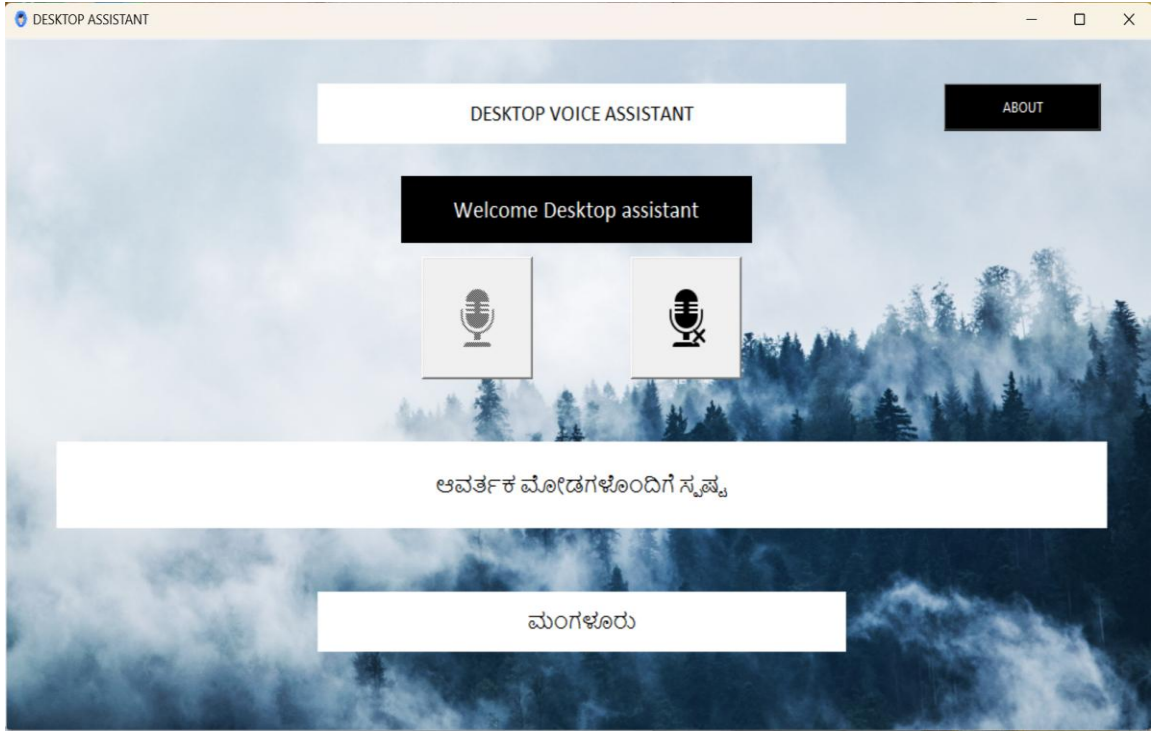
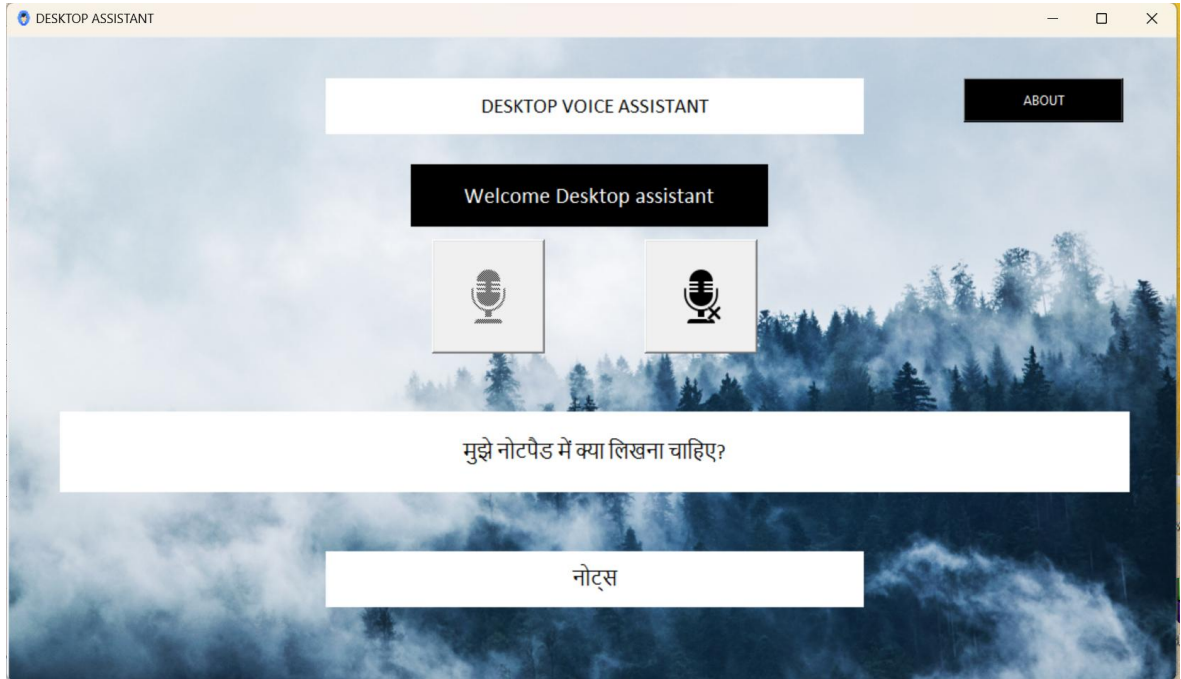**Fig 13: Voice assistant responding to user query (Kannada)**

Fig 14: Voice assistant responding to user query (Hindi)