Desktop Assistant

User Manual

Neev Sahay

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About Me..

- **Student's Photograph**

- **Student's Introduction**
- **I am Neev Sahay aged 15 years old. I am based in New Delhi and study in Delhi Public School Vasant Kunj. I have been learning coding since 2 years over the course of which I have learnt HTML, CSS, Java Script , Python and SQL**

Acknowledgements

- **A small vote of thanks for all who have helped you in this journey of App Development – my parents, My Mentors- Ms Sanjana and Ms Shivani,Dr. Ken Kahn.**

About My Internship Journey with Clevered..

- **Your Internship Experience with Clevered- I have really enjoyed this course because I have got to learn so many new things about python and coding in general. I have learnt how to make a desktop assistant which I find really fascinating.**

About App..

- App's Main Menu-
  - 1)The Youtube player
  - 2)Whatsapp message
  - 3)Movie details
  - 4)Greetings

- App's Introduction-The App has 4 sections:
  - 1) The desktop assistant will play whatever video we want on Youtube by taking an input from us.
  - 2)The desktop assistant will send a message to a particular number and at a particular time by auto-opening whatsapp web on the browser and sending the message.
  - 3)The desktop assistant will display all details of any movie that we say by using the imdb library in python.
  - 4)The desktop assistant will greet the user in whichever language the user chooses by clicking on the button.

How do I use the App?

The App is pretty easy to use. All one needs to do is run the cells and then click on whatever button on the pop-up and do as the assistant says.

Introduction

```
In [1]: import pyttsx3
        import speech_recognition as sr

        def talk(text):
                code=pyttsx3.init()
                code.say(text)
                code.runAndWait()
        talk('hi,I am Jarvis, your virtual assistant. Click on the buttons to see what I can do')
```

- **This is the first thing which plays when we run the code. The voice assistant simply gives an introduction as to how to use it and about itself.**

WhatsApp Messenger

```
]: import pywhatkit as kit
   kit.sendwhatmsg('+918170048444','Trial message',11,38)

   In 28 Seconds WhatsApp will open and after 15 Seconds Message will be Delivered!
```

- **This is an auto-messenger which sends a message to any whatsapp number and at any time given by us. It is made using the ‘pywhatkit’ library.**

Youtube Player

```
In [2]: import pywhatkit as kit
        import pyttsx3 as tt

        def search():
            search_query = entry.get()
            v = tt.init()
            kit.playonyt(search_query)
            print('Playing ' + search_query + ' on YouTube')
            v.say('Playing ' + search_query + ' on YouTube')
            v.runAndWait()
```

- **This is a youtube player which automatically plays any youtube video when we type a title in the input box. It is made using ‘pywhatkit’ and ‘pyttsx3’ libraries.**

Movie Details

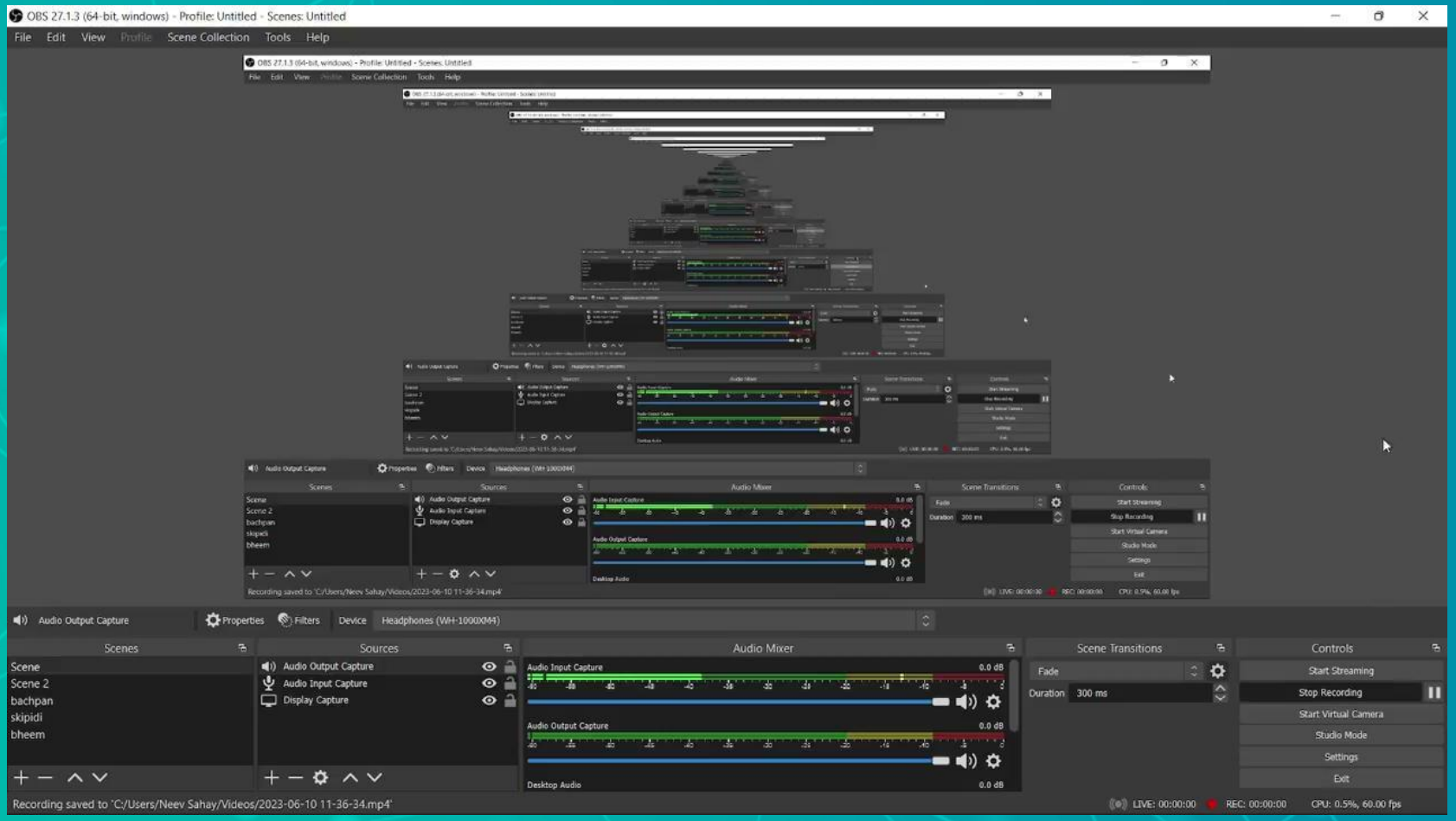
- This recites all details of a particular movie which it takes as an audio input. It uses the imdb library to recite all the details.

Greetings

```
import pyttsx3

def red():
    def speak(text):
     engine = pyttsx3.init()
     voices = engine.getProperty('voices')
     engine.setProperty('voice', voices[1].id)
     rate = engine.getProperty('rate')

     engine.setProperty('rate', rate-2)
     engine.say(text)
     engine.runAndWait()

    speak('Bonjour')
def green():
    def speak(text):
     engine = pyttsx3.init()
     voices = engine.getProperty('voices')
     engine.setProperty('voice', voices[1].id)
     rate = engine.getProperty('rate')
     engine.setProperty('rate', rate-2)
     engine.say(text)
     engine.runAndWait()

    speak('Hola buen día')
def yellow():
    def speak(text):
     engine = pyttsx3.init()
     voices = engine.getProperty('voices')
     engine.setProperty('voice', voices[1].id)
     rate = engine.getProperty('rate')
     engine.setProperty('rate', rate-2)
     engine.say(text)
     engine.runAndWait()
def blue():
    def speak(text):
     engine = pyttsx3.init()
     voices = engine.getProperty('voices')
     engine.setProperty('voice', voices[1].id)
     rate = engine.getProperty('rate')
     engine.setProperty('rate', rate-2)
     engine.say(text)
     engine.runAndWait()

    speak('Guten Morgen')
```

- **This greets the user in different languages as per the users choice.**

Demo Video


OBS 27.1.3 (64-bit, windows) - Profile: Untitled - Scenes: Untitled
File Edit View Profile Scene Collection Tools Help
Audio Output Capture
Properties
Filters
Device
Headphones (WH-1000XM4)
Scenes
Scene
Scene 2
bachpan
skipidi
bheem
Sources
Audio Output Capture
Audio Input Capture
Display Capture
Audio Mixer
Audio Input Capture 0.0 dB
Audio Output Capture 0.0 dB
Desktop Audio 0.0 dB
Scene Transitions
Fade
Duration 300 ms
Controls
Start Streaming
Stop Recording
Start Virtual Camera
Studio Mode
Settings
Exit
Recording saved to 'C:/Users/Neev Sahay/Videos/2023-06-10 11-36-34.mp4'
LIVE: 00:00:00
REC: 00:00:00
CPU: 0.5%, 60.00 fps

Toolkit Walkthrough

Conduct 1 minute quick walkthrough of App Development Toolkit Workbook and LinkedIn and Github launch of the App. Attach links here for quick access.

Github-https://github.com/Neev2507/Clevered

LinkedIn-

Contact Person

- **Please reach out to Neev Sahay at neevsahay@gmail.com for any questions/ concerns/ suggestions on the App**

Thank you!