

VIRTUAL DESKTOP ASSISTANT PROJECT

INTRODUCTION

This project implements a command-based interactive system that processes user inputs received through keyboard and microphone interfaces. The system is designed to respond exclusively with pre-defined outputs, relying solely on a set of stored commands. Unlike AI-driven models, it does not generate responses dynamically; instead, it matches user inputs against a fixed database of commands. The system is capable of delivering accurate responses only when the user provides the correct command. If the input does not correspond to any recognized command, the system is unable to comprehend the request, ensuring a straightforward and controlled interaction model.

Programming Language Used: Python Programming

Programming Language Version: 3.11.1

Modules Used: Tkinter, Pillow, SpeechRecognition, PyAudio, Pytsx3, datetime, requests-html, lxml.

Tkinter: Implicitly Available.

pillow : pip install pillow==9.4.0

SpeechRecognition : pip install SpeechRecognition==3.8.1

PyAudio : pip install PyAudio==0.2.13

pytsx3 : pip install pytsx3==2.90

datetime : Implicitly Available.

requests-html :

pip install requests-html==0.10.0

lxml :

pip install lxml==4.9.1

USER INTERFACE:



THANK YOU