



# *Minor Project*

COLLEGE: GGCT

BRANCH : CSE

SEM : V

PROJECT NAME : JOHN WICK: The Assistant

TEAM NAME : THRII

Team Members :

Guneet Singh Kapoor

Ishita Kumar

Mayank Gupta



# INDEX

S NO.	TOPICS	Slide no.
1.	Problem statement	3
2.	Existing system strength & weakness	4
3.	Proposed system	5
4.	Functionality	6
5.	Technology stack	7
6.	Use case	8
7.	Conclusion	9



# PROBLEM STATEMENT

How to make our PC/Desktop more smarter to operate our operating system.

To create such type of software where you will not operate your O.S. manually.



# Existing system strength and weakness

## Strengths -

1. Innovative pc/desktop assistant offers voice commands to access your PC/ Desktop .
2. Tells you about the date, time, weather , voice search , jokes , access files (music , downloads) , and control your apps .
3. Takes up very less place so doesn't affect the smoothness of the system.

## Weakness -

1. Upgraded version of Windows required ( more than Windows XP ),  
Windows 7 can resist some features / functionalities
2. Internet connection required (for the features requires use of internet).



# PROPOSED SYSTEM

For this problem, we proposed the solution to operate our desktop/pc through voice commands using technologies like Artificial Intelligence(AI)

## System minimum requirements:


1. Operating System : Supports in windows 10 & 11 Linex (ubuntu only) (Because we used latest version of python )
2. Ram : 4gb(min)
3. 5gb of free space



# Functionality

We made this project to simplify your work in a good way. With this you operate your operating system on your voice commands. You can open any applications/files and much more just with your voice. Simply you need to say proper commands which were assigned to our software then only you will access your applications. This can be understood more properly further during the demonstration.

# Technology stack

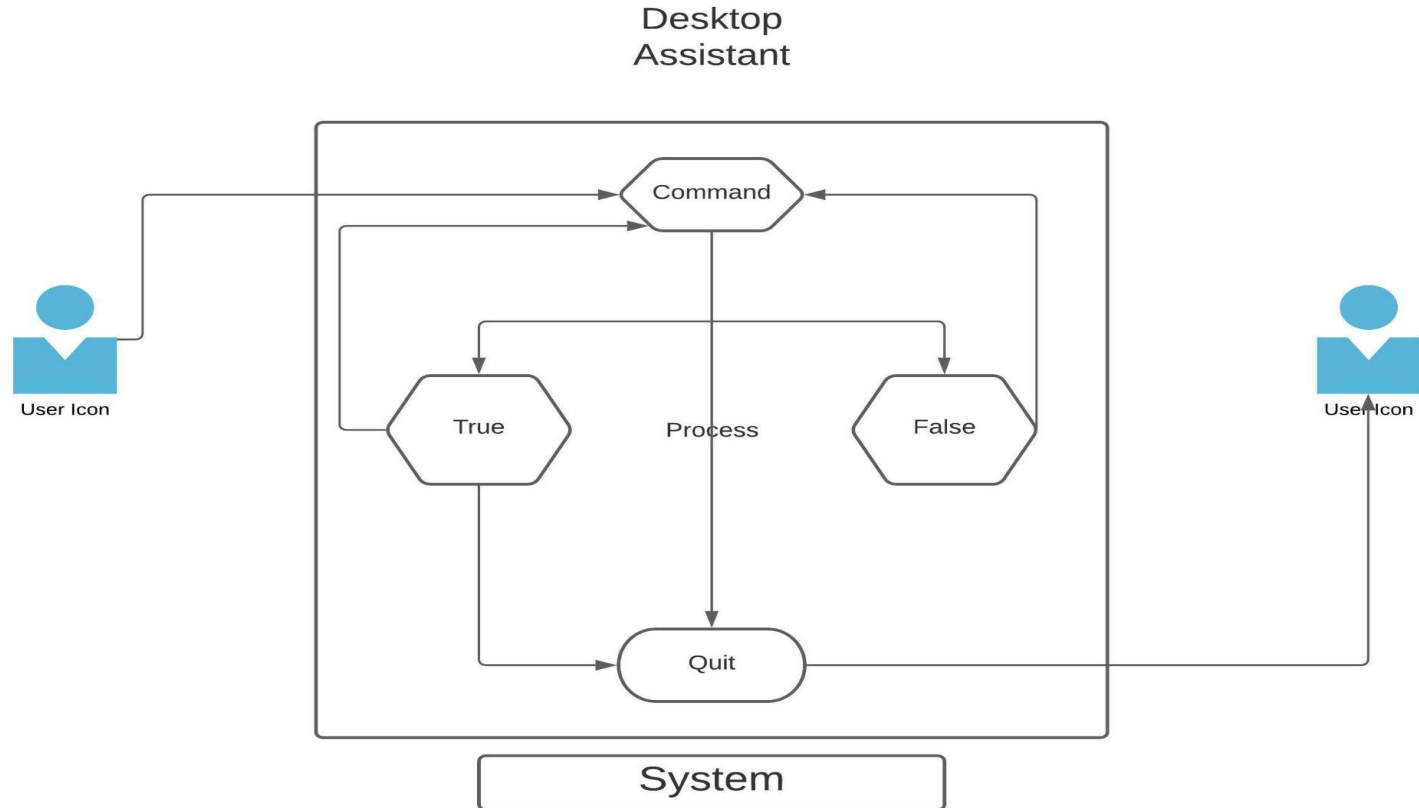


Python - ver 3.9.6

Libraries used -

- 1.pyttsx3 - is a text-to-speech conversion library in Python
2. datetime - the module supplies classes for manipulating dates and times.
- 3.Speech Recognition - as the name suggests, refers to automatic recognition of human speech.
- 4.Wikipedia - is a Python library that makes it easy to access and parse data from Wikipedia.
- 5.Web browser -is the module provides a high-level interface to allow displaying Web-based documents to users.
- 6.OS - this module in Python provides functions for creating and removing a directory (folder), fetching its contents, changing and identifying the current directory, etc.
7. pyjokes - is a python library that is used to create one-line jokes for users.
8. pyautogui - the best one
9. pywhatkit - for features used in whatsapp automation.

# Use Case:







# Conclusion

1. If the user don't know how to operate O.S. then he/she can operate on simple voice commands.
2. In this busy world we already have a lot to do, further with this application users save their time too.
3. For our generation this is a cool innovation as they always want something new.



Thank You