PROJECT

SYNOPSIS

OF

“DESKTOP VOICE

ASSISTANT”

**Submitted To: Submitted By:**

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**PROJECT TITLE:**

Desktop Voice Assistant

**INTRODUCTION:**

In our daily life we repeat many technical tasks which can be taken care at once but we spend extra time in either doing that or we may skip that tasks. And we think that what if we automate some tasks, schedule Important messages, analyse social media etc. This can be solved if create an application that can automate tasks using voice command.

This project can be used by any technical and non-technical person. Anyone can give voice command and can perform multiple task at the same time.

The objectives of the system are-

* To reduce repeated work.
* Increase Productivity.
* To automate small and boring tasks.

In future we can develop this project to automate our daily life tasks or increase our productivity for example setup automated email reply, automate social media replies etc. And many more features that can make our life at ease.

**PROPOSED SYSTEM:**

**Hardware and Software Requirements:**

**Hardware:**

* x86 64-bit CPU (Intel/AMD)
* 4 GB Ram

**Software:**

* Windows 7 or later
* Python3
* 5 GB free disk space

**Front-end and Back-end:**

**Front-End:**

* Python3 (PyQt5)

**Back-End:**

* Python3

**METHODOLOGY:**

This Project is build using Python Programming Language, it consists of several modules and functions, each and every module performs a particular task, for example **speak** function handles voice of the application, **Web browser** module handles internet related tasks etc.

**Process Description:**

* It takes voice command as an input through the microphone.
* The modules process the input by using various functions and understand the voice command using **Google Text to Speech**.
* Once the function is performed it accomplishes the required task which later interact with speak modules.
* Then the speak module process and speaks the output.

**SCOPE:**

In future we can build up this venture to computerize our everyday life undertakings or increment our profitability for instance arrangement mechanized email answer, robotize web-based media answers and so forth What's more, a lot more highlights that can make our life calm.

**GANTT CHART:**

