**VIRTUAL VOICE ASSISTANCE PROJECT**

**Problem Statement :**  This voice assistant technology performs tasks or services using voice commands. With such commands, you can control home automation devices, manage email, create to-do lists, watch movies, and set calendars which makes our day to day tasks more easier to manage .

**Requirements:**

This requires the following hardware :

Pentium(R) 4 CPU 2.26 GHz, 128 MB RAM Screen resolution

of at least 800 x 600 required for proper and complete viewing

of screens. Higher resolution would not be a problem. CD

ROM Driver.

Software Interfaces :

Any window-based operating system (Windows

95/98/2000/XP/NT) WordPad or Microsoft Word

**Technologies Used :**

Language : python

**Project Description :**

It is a personal AI assistant that listens to your voice using Google’s Speech API and uses AI generated speech to respond to your requests. Below are some other features :-

Automate tasks like opening apps, searching on browsers like Google and Firefox, opening and editing files , writing emails , telling the time , finding a location of your choice ,etc. on your computer. It will even remind you of certain tasks that need completing as those deadlines approach , making sure you don’t be late for anything.

**Challenges Faced:**

While implementing the code , the function had the speed issue (taking time to recognise and then implement the command).

**Conclusion:**

The project was successfully implemented .