Dept. of Computer Science and Engineering (Data Science)

Adichunchanagiri Institute of Technology, Chikkamagaluru

Mini Project Synopsis

TITLE: VOICE ASSISTANT

Problem Statement: While laptops have become essential tools for productivity and communication, their interaction often relies on traditional methods like keyboards and touchpads. Integrating voice assistants into laptops can provide a more intuitive and hands-free way to interact with the device, enhancing user experience and accessibility.

Description: This project aims to develop a voice assistant in laptops. The assistant will enable users to control some laptop functions using voice commands. This project utilizes Speech Recognition, Natural Language Processing (NLP), Machine Learning, Laptop Function Control.

Expected Outcomes: Voice assistants can improve user experience, increase efficiency and enhance the laptop user experience. The success of a voice assistant is its ability to meet users' needs such as playing music, setting alarms, setting timers and shutting down the system.

Technologies and Tools:

- **Languages:** Python, HTML, CSS
- **Technology**: Artificial Intelligence

Team Members:

Member 1 (USN) - Vishruth CS (4AI22CD061)

Member 2 (USN) - Varshini Kakade S (4AI22CD060)

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Signature of the Guide with date **Signature of the Coordinator with date**