

A VOICE BASED SMART VIRTUAL ASSISTANT

A Smart Virtual Assistant, acts as a personal assistant. A significant area of interest in enhancing user experience and automating various tasks through natural interactions. Inspired by popular voice-based assistants like Siri, this project aims to design and implement a voice-based Smart Virtual Assistant for Android devices. Users can interact with the assistant through voice commands. It has been designed to provide a user-friendly interface for carrying out a variety of tasks by employing certain well-defined commands. Users can interact with the assistant either through voice commands or using keyboard input. As a personal assistant, assists the end-user with day-to-day activities like general human conversation, searching queries in google, searching for videos, retrieving images, live weather conditions, word meanings, searching for medicine details, health recommendations based on symptoms, booking appointments, web search, says date and time, and reminding the user about the scheduled events and tasks. And also voice assistant used to open apps like gmail, you tube, whatsapp, games and etc. The Android implementation ensures that the assistant is accessible on a wide range of devices, providing users with a seamless, hands-free experience.