



VIRTUAL PERSONAL
ASSISTANT

A PROJECT REPORT

Submitted by

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I. ABSTRACT

This project includes an implementation of an intelligent voice recognition assistant for Android where functionality on current existing applications on other platforms is compared. Until this day, there has not been any good alternative for Android, so this project aims to implement a voice assistant for the Android platform while describing the difficulties and challenges that lies in this task.

Personal Assistants, or conversational interfaces, or chat bots reinvent a new way for individuals to interact with computers.

A Personal Virtual Assistant allows a user to simply ask questions in the same manner that they would address a human, and are even capable of doing some basic tasks like opening apps, reading out news, taking notes etc., with just a voicecommand. Personal Assistants like Google Assistant, Alexa, Siri works by Speech Recognition (Speech-to-text) and Text-to-Speech.



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