**A**

**Project Report**

**On**

**"VOICE ASSISTANT"**

**Prepared by**

**GROUP NUMBER:**

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**Under the guidance of**

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A Report Submitted to

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4th Programming In Python (CE259)

**Submitted at**

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**CSE**

**DEPSTAR**

**At: Changa, Anand – 388421**

**APRIL 2022**



**CERTIFICATE**

This is to certify that the report entitled "**VOICE ASSISTANT**" is a bonafide work carried out by **DARSH SHAH (20DCS107)** under the guidance and supervision of **Assistant Prof. Krishna Patel** for the **Mini Project** of subject CE259 **Programming In Python(**CSE) of 4thSemester of Bachelor of Technology in **DEPSTAR** at Faculty of Technology & Engineering – CHARUSAT, Gujarat.

To the best of my knowledge and belief, this work embodies the work of candidate himself, has duly been completed, and fulfills the requirement of the ordinance relating to the B.Tech. Degree of the University and is up to the standard in respect of content, presentation and language for being referred to the examiner.

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**CERTIFICATE**

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# Acknowledgement

We, as the developer of the ‘**Voice Assistant**’, with immense pleasure would like to present this Mini Project assignment. Throughout the development cycle of this project has given us the wide opportunities to think and work with various phases of project as well as management skills and emerging technologies too.

We, express the gratitude towards our Head of CSE Department Mr. Parth Goel and project guides Prof. Krishna Patel . And only because of them we prompted to hard work and adopting the new technologies in current era.

Also thankful to all of us who have made this project development memorable and accomplish with full of joy and curiosity to learn new technologies and gain the team work experience.

We sincerely thankful all people who has given them valuable time, full support and favourable environment to accomplish this project.

Thanks,

# Abstract

* Our application is based on Voice Assistant.
* In this app, Basically we have created a project “voice asisstant” in which we are going to make application that can control a device with voice.
* Many other functionalities are also included in the app.

* Here,it will recognise voice to do some task.(if we say ‘open google’ then it will automatically open google)
* First we create one dataset which have different – different voices.

* Then we have to give a particular command to same type of voices.

* That commands will do some tasks.
* It enables hands-free operations. Suitable for physically handicapped people.So to solve this problem,our app is developed.
* This app can also be used in various fields depending upon their needs and usabilities.

**Table of Contents**

[Acknowledgement](#_Toc87648037)

[Abstract](#_Toc87648038)

[Table of Contents](#_Toc87648039)

[List of Figures](#_Toc87648040)

[**Chapter 1: Project Definition**](#_Toc87648041)

[**Chapter 2: Major Functionality**](#_Toc87648046)

[**Chapter 3: Screenshots of Project Output**](#_Toc87648050)

[**Chapter 4: Future Enhancements**](#_Toc87648062)

[**Chapter 5: References**](#_Toc87648063)

**Chapter 6: Gantt-Chart……………………………………………………….**

# List of Figures

Fig 7.1.1 Face detector

Fig 7.1.2 Data base

Fig 7.2 Face verification

Fig 7.3About input section

Fig 7.4.1 OTP verification

Fig 7.4.2 Transaction

# Chapter 1: Project Definition

* Basically we have created a project “voice asisstant” in which we are going to make application that can control a device with voice.

* It is an AI-based project.
* Which recognise voice to do some task.
* Example:(if we say ‘open google’ then it will automatically open google)

**Chapter 2: Major Functionalities**

* We are using machine-learning concept.

* First we create one dataset which have different – different voices.

* Then we have to give a particular command to same type of voices.
* That commands will do some task

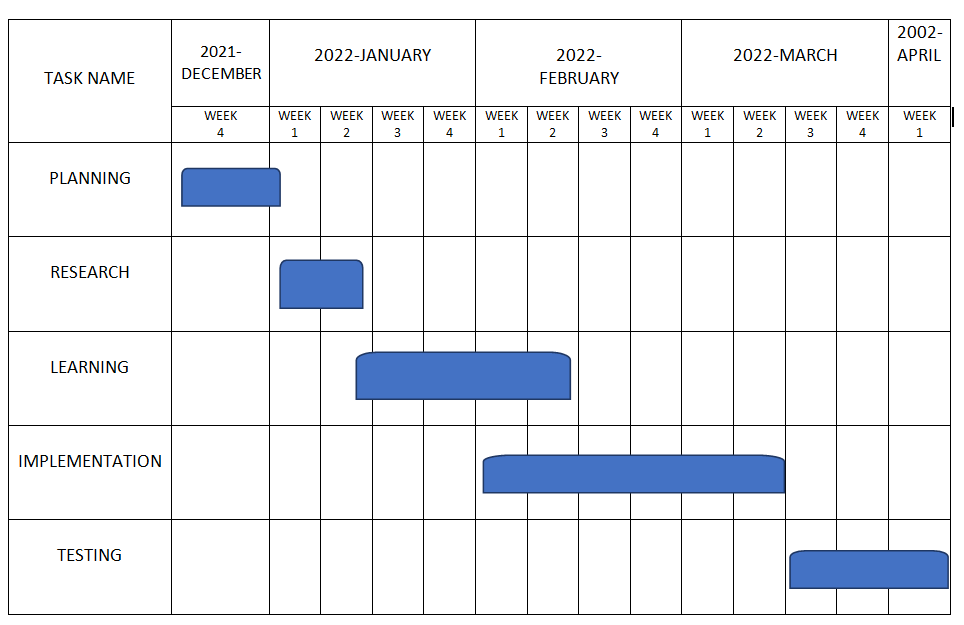
**Chapter 5: Future Enhancements**

* We will add different languages example:Hindi

**Chapter 6: References**

1. Link 1: [GitHub - jaspreetsidhu3/voice\_assistant: Amigo is voice assistant similar to Siri, Alexa, google assistance](https://github.com/jaspreetsidhu3/voice_assistant)
2. Link 2: [https://youtu.be/SXsyLdKkKX0 Intelligent Voice Assistant in Python - YouTube](https://www.youtube.com/watch?v=SXsyLdKkKX0)
3. Link 3: [How to build your own AI personal assistant using Python | by M.Mirthula | Towards Data Science](https://towardsdatascience.com/how-to-build-your-own-ai-personal-assistant-using-python-f57247b4494b)
4. Link 4: [Build Your Own Voice Assistant with Python - CodeSpeedy](https://www.codespeedy.com/voice-assistant-with-python/)

**Chapter 7: Gantt-Chart**

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