

PROJECT REPORT

on

# **AI Based Voice Assistant Using Python**

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**SESSION 2018 – 2019**

## **CERTIFICATE**

Certified that the project titled **AI Based Voice Assistant Using Python (AIVA)** is a bonafide work done under my guidance by IV year students of this institute and is submitted to **Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur** for the partial fulfillment of the requirements for the award of degree of Bachelor of Engineering in **Computer Technology**.

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# **D E C L A R A T I O N**

The project report titled **AI Based Voice Assistant Using Python (AIVA)** is our own work carried out under the guidance of Prof. Anup Bhange, Department of Computer Technology at K.D.K.C.E, Nagpur. As far as our knowledge, this work in the same form or any other form is not submitted by us or anyone else for award of any degree.

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## **ABSTRACT**

Artificial Intelligence (AI) is the study and creation of computer systems that can perceive, reasons and act. The primary aim of AI is to produce intelligent machines. The intelligence should be exhibited by thinking, making decisions, solving problems, more importantly by learning. AI can also be defined as the area of computer science that deals with the ways in which computers can be made to perform cognitive functions ascribed to humans. But this definition does not say what functions are performed, to what degree they are performed, or how these functions are carried out. One of the goals of Artificial intelligence (AI) is the realization of natural dialogue between humans and machines.

Our project “AIVA” is a Virtual Assistant powered by Artificial Intelligence AIVA is capable of doing many things such as to search the Internet. It has some new features like posting comments on the social media websites such as Facebook, Twitter, etc. By just few simple commands. You can also know the weather around you and can get the climate conditions in your region. It can open and launch web-applications and the local storage of the user computer. It can also play songs with the simple command of play with the song name followed by it. AIVA is the user friendly AI assistant to make the communication easier and familiar between the user and the machine. It can also be helpful for the person with human disabilities and for the common people in their day to day life to make their work easier.

## LIST OF FIGURES

FIGURE NAME	PAGE NO.
Fig 1.1: Interaction with AIVA	4
Fig 2.1: Other Voice Assistant	8
Fig 3.1: Workflow	12
Fig.4.1: Basic Workflow	14
Fig.4.2 Block Diagram of module	15
Fig.4.3: Block Diagram of Text to Speech	18
Figure 5.1.1: Main Screen	22
Figure 5.1.2: Greeting	22
Figure 5.1.3: Local Storage	23
Figure 5.1.4: Social Media (Facebook)	23
Figure 5.1.5: Social Media (Instagram)	24
Figure 5.1.6: Social Media (Twitter)	24
Figure 5.1.7: Social Media (Whatsapp)	25
Figure 5.1.8: Mail Handling	25
Figure5.1.9: Google Search Engine	26
Figure 5.1.10: Google Search Voice Engine	26
Figure 5.1.11: Wikipedia Search Engine	27
Figure 5.1.12: Microsoft Application (Access)	27
Figure 5.1.13: Microsoft Application (Excel)	28
Figure 5.1.14: Microsoft Application (PowerPoint)	28
Figure 5.1.15: Microsoft Application (Publisher)	29
Figure 5.1.16: Microsoft Application (Word)	29
Figure 5.1.17: Microsoft Application (OneDrive)	30
Figure 5.1.18: Microsoft Application (Outlook)	30
Figure 5.1.19: Location	31
Figure 5.1.20: Weather	31
Figure 5.1.21: Translate	32

## LIST OF TABLES

TABLE NAME	PAGE NO
Table 2.1: Uses of Virtual Assistant	5
Table 2.2: Other Voice Assistant	7

# INDEX

## PAGE No.

ABSTRACT	i
FIGURE INDEX	ii
TABLE INDEX	iii
 <b>CHAPTER</b>	
<b>CHAPTER 1</b>	
<b>INTRODUCTION</b>	
1.1 OVERVIEW	1
1.2 OBJECTIVE	2
1.3 THESIS STRUCTURE	4
 <b>CHAPTER 2</b>	
<b>LITERATURE REVIEW</b>	
2.1 BACKGROUND STUDY	5
2.2 RELATED WORK	6
 <b>CHAPTER 3</b>	
<b>OVERVIEW OF METHODOLOGY</b>	
3.1 TECHNOLOGIES USED	9
3.2 FUNCTIONALITY OVERVIEW	11
 <b>CHAPTER 4</b>	
<b>DESIGN AND IMPLEMENTATION</b>	
4.1 DESIGN	14
4.1.1 ARCHITECTURAL OVERVIEW	14
4.1.2 MODULES OF THE PROJECT	14
4.2 IMPLEMENTATION	18
4.3 OPERATION AND MAINTENANCE	19



## **CHAPTER 5**

### **EXPERIMENTAL SETUP & RESULT**

<b>5.1</b>	<b>SCREENSHOT OF RESULT</b>	22
<b>5.2</b>	<b>RESULT</b>	33

## **CHAPTER 6**

### **CONCLUSION AND FUTURE SCOPE**

<b>6.1</b>	<b>CONCLUSION</b>	34
<b>6.2</b>	<b>FUTURE SCOPE</b>	35

<b>REFERENCES</b>	37
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<b>PUBLICATIONS</b>	38
---------------------	----

<b>APPENDIX A:</b>	<b>HARD COPY OF PUBLICATION</b>	39
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<b>APPENDIX B:</b>	<b>CODING</b>	43
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<b>PROGRAM OUTCOMES</b>	49
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<b>PROGRAM OUTCOMES MAPPING</b>	50
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