

# Project Name

## AABRA KA DABRA

# Team Name

## ASURA

### Team Members

Anuj kumar Pandey  
Shriyansh Pandey  
Tarun Gupta  
Amrit Raj  
Raunak Shukla

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e21cseu0771  
e21cseu0770  
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# PROJECT DESCRIPTION

Our Project, Aabra Ka Dabra is an AI-fueled menial helper created by us that is basically accessible on every home gadget. This Ai Assistant indulges in two-way discussions.



Aabra Ka Dabra is a digital voice assistant that uses voice recognition modules, and voice synthesis to listen to specific voice commands and return relevant information or perform specific functions as requested by the user.

Based on specific commands, sometimes called intents, spoken by the user, voice assistants can return relevant information by listening for specific keywords and filtering out the ambient noise..



# SOLUTION

VIRTUAL ASSISTANT IS BOON FOR EVERYONE IN THIS NEW ERA OF 21ST CENTURY. IT HAS PAVED WAY FOR A NEW TECHNOLOGY WHERE WE CAN ASK QUESTIONS TO MACHINE AND CAN INTERACT WITH IVAS AS PEOPLE DO WITH HUMANS. THIS NEW TECHNOLOGY ATTRACTED ALMOST WHOLE WORLD IN MANY WAYS LIKE SMART PHONES, LAPTOPS, COMPUTERS ETC.



## ANUJ KUMAR PANDEY

DEVELOPER

### **Description:**

I am the core technical team member at ASTRA and developer of our project Aabra Ka Dabra. The planning and implementation of this project are looked upon by me. I also make sure that all team members get their work done as per the schedule.

## TARUN GUPTA

DEVELOPER

### **Description:**

I am one of the core developers of the "Aabra ka Dabra" project at ASTRA. I manage the operations of the project creating plans that best suit the needs of the project. I make sure that each and every team member collaborates at the time of the work.



## SHRIYANSH PANDEY

DEVELOPER/ CONTENT  
CREATOR

### Description:

Apart from being one of the developers in our team ASTRA, I am managing the content of the project which basically means that all the input texts and the output provided by our Assistant Aabra Ka Dabra are written and managed by me.

## RAUNAK SHUKLA

UI/UX DESIGNER

### Description:

Here at ASTRA, I am not only involved in coding stuff but also manage things apart from the technical works that are making in designs, layouts, presentations, ppt's, etc. Later, I will also indulge in creating the GUI for Aabra Ka Dabra and will manage the UI/UX works.

## AMRIT RAJ

DEBUGGER/FRONT END  
DEVELOPER

### Description:

Here at ASTRA, I have been provided the role of a debugger. Not only do I have a good understanding of the code but I also make sure that my team's morale never goes down and they don't get distracted from their path due to some unforeseen errors. I try to resolve each and every problem that occurs in the code and try to sustain the flow of our code.

# WORK DONE SO FAR

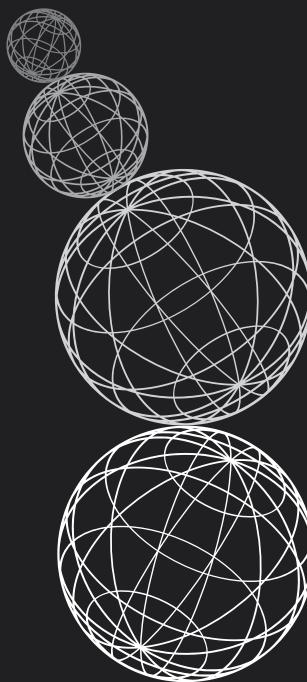
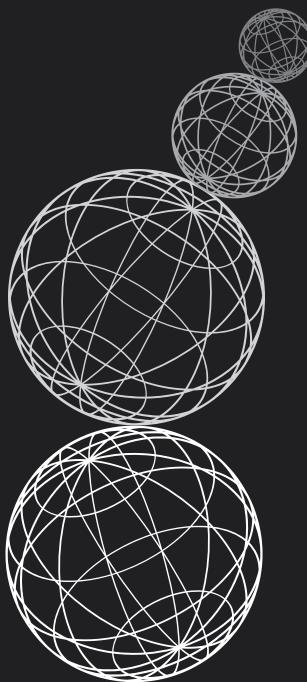
AS OF NOW, WE HAVE DONE MOST OF OUR CODING PARTS LIKE IMPORTING MODULES, RUNNING THE VOICE ASSISTANT, PROVIDING IT WITH SAMPLE INPUTS AND OUTPUT.

AT PRESENT OUR ASSISTANT AABRA KA DABRA CAN,

- TAKE VOICE COMMANDS
- CONVERT VOICE COMMANDS TO TEXT AND VICE VERSA.
- PROVIDE OUTPUT AS VOICE COMMANDS
- TELL YOU ABOUT THE DATE AND TIME
- PLAY YOUTUBE VIDEOS
- OPEN WEBSITES/LINKS
- SEND MAILS
- BRING INFO FROM WIKIPEDIA
- CRACK JOKES
- TURN OFF YOUR COMPUTER
- TELL ABOUT WEATHER
- SEND SCHEDULED MESSAGES ON VARIOUS SOCIAL MEDIA AND EMAILS

# REFERENCE LINKS

[HTTPS://WWW.W3SCHOOLS.COM/PYTHON/PYTHON\\_MODULES.ASP](https://www.w3schools.com/python/python_modules.asp)  
[HTTPS://PYPI.ORG/PROJECT/SPEECHRECOGNITION/](https://pypi.org/project/speechrecognition/)  
[HTTPS://PYPI.ORG/PROJECT/PYAUDIO/](https://pypi.org/project/pyaudio/)  
[HTTPS://PYPI.ORG/PROJECT/WIKIPEDIA/](https://pypi.org/project/wikipedia/)  
[HTTPS://DOCS.PYTHON.ORG/3/TUTORIAL/MODULES.HTML](https://docs.python.org/3/tutorial/modules.html)



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