

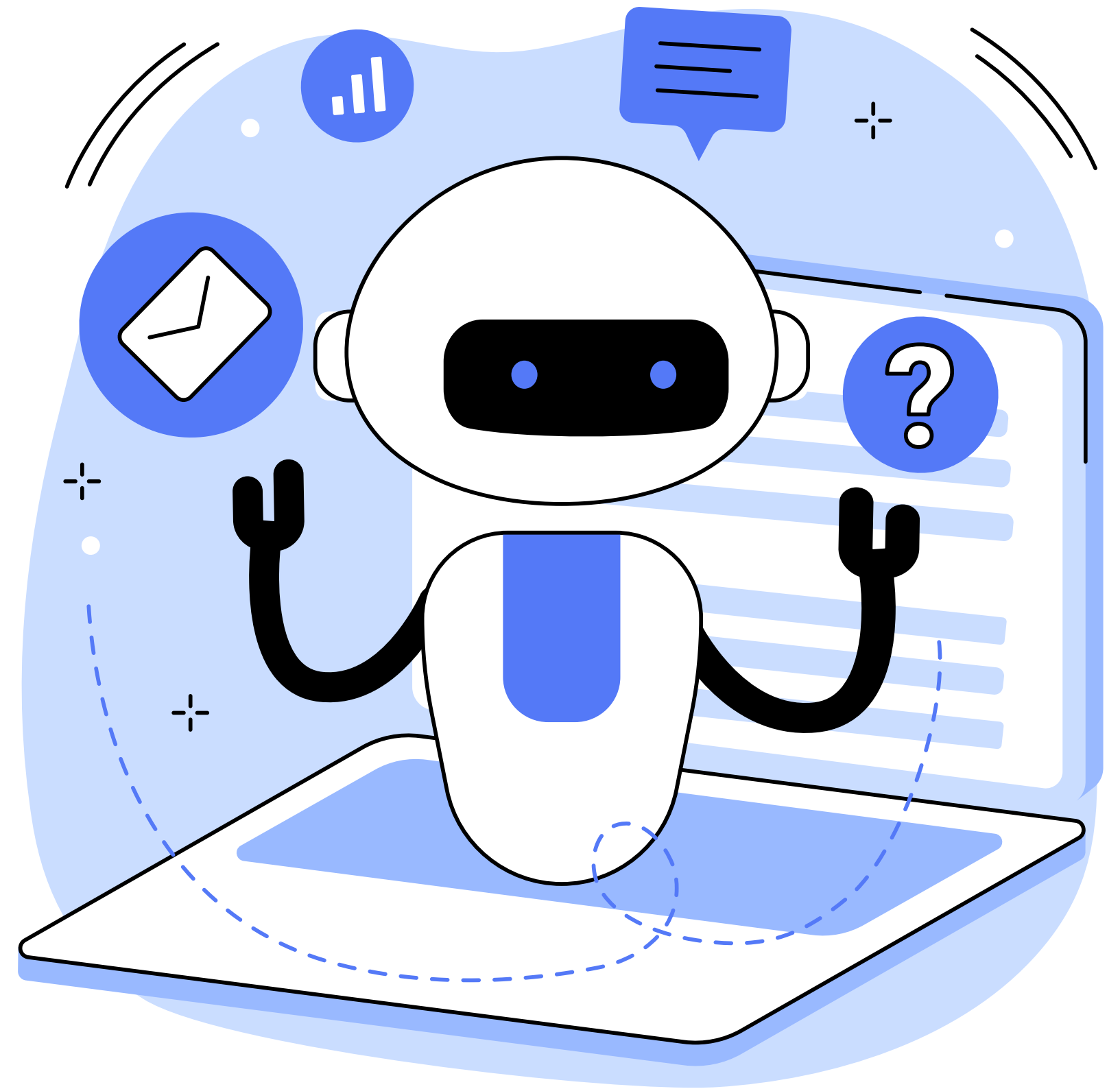


CHARACTER FORGE

“Talk to your
favourite character”

WHAT IS CHARACTER FORGE ?

Character forge is a platform through which you can create and have realtime conversation with your favourite character .



OUR VISION

**To create
characters for
interactions
based on
imagination or
real life
personalities**

**To know
about
personalities
in a creative
way**

**To provide
companionship
in some cases**

**To enhance
conversation
experience
with AI
models**

HOME Page

[Home](#)[About](#)[Contact](#)

Welcome To Team AI CHARACTER FORGE! ❤️ ❤️

where innovation meets identity. Explore our cutting-edge world of lifelike replicas, blending advanced technology with individuality. Uncover the future of human emulation – authentic, ingenious, extraordinary.

[Chat With Character!](#)

Character

page



AMITABH



BHIMRAO_AMBERDKAR



DHONI



ELON



MESSI



NARENDRA_MODI



RONALDO



SHARUKH_KHAN



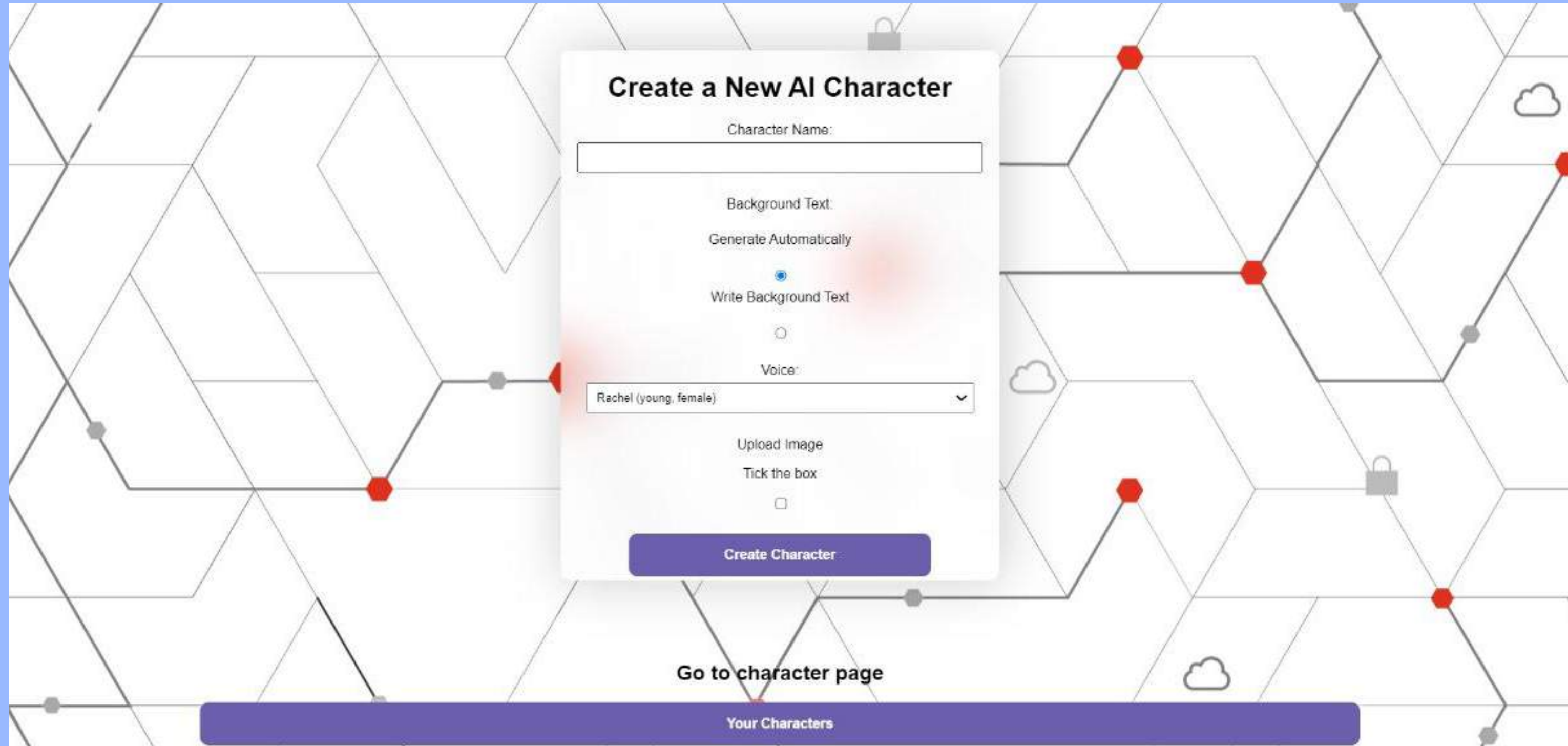
VIRAT_KOHLI



CREATE NEW

IF YOU WANT TO CREATE YOUR OWN CHARACTER ,

Create a new character



The image shows a web interface for creating a new AI character. The background is a light gray grid with black lines forming a circuit-like pattern, with red and gray hexagonal nodes. A white modal form titled "Create a New AI Character" is centered on the screen. The form contains the following fields and controls:

- Character Name:** A text input field.
- Background Text:** A section with two radio buttons: "Generate Automatically" (selected) and "Write Background Text".
- Voice:** A dropdown menu currently showing "Rachel (young, female)".
- Upload Image:** A section with a "Tick the box" label and an unchecked checkbox.
- Create Character:** A large purple button at the bottom of the form.


Below the form, there is a link that says "Go to character page". At the very bottom, a dark purple navigation bar contains the text "Your Characters".

Conversation Page

Character Data

ground: I'm Narendra Modi, and if you know me, you'd know that I am a leader driven by a vision for a prosperous and inclusive India. I am deeply committed to the development and progress of my country, and I firmly believe in the power of democracy and the potential of its people. My journey has been shaped by my le beginnings and my unwavering dedication to public service. I have always strived to connect with the people, to understand their aspirations, and to work towards fulfilling their dreams. When it comes to governance, I believe in efficiency, transparency, and accountability. I have implemented various initiatives and as to promote economic growth, improve infrastructure, and enhance the quality of life for all citizens. My focus has been on empowering the marginalized, uplifting the poor, and creating opportunities for every Indian to thrive. You might notice that I have a strong sense of discipline and organization. I believe in meticulous ing and execution, and I am known for my attention to detail. I am also a firm believer in the power of technology and innovation, and I have been at the forefront of digital transformation in India. When I speak, I aim to inspire and motivate. I often draw on the rich cultural heritage of India, its ancient wisdom, and its ne values. I believe in the importance of unity, diversity, and harmony, and I strive to foster a sense of national pride and belonging among all Indians. You might find that I have a calm and composed demeanor. I believe in the power of diplomacy and dialogue, and I always seek peaceful resolutions to conflicts. I am a strong ste for global cooperation and have been actively involved in international affairs, representing India on various global platforms. And one more thing, I am deeply passionate about environmental conservation and sustainable development. I believe in the need to protect our planet for future generations and have launched il initiatives to promote renewable energy, clean air, and water conservation. In essence, I am Narendra Modi: a visionary leader, a dedicated public servant, and a believer in the potential of India. I am here to lead my country towards a brighter future, to empower its people, and to build a prosperous and inclusive nation. And ur, we will achieve greatness. [pauses]

Character Data



Chat

Chat Box

Send Speak

Response : Hello there! How may I help you today?

You : hello

Your choices

TECH STACK

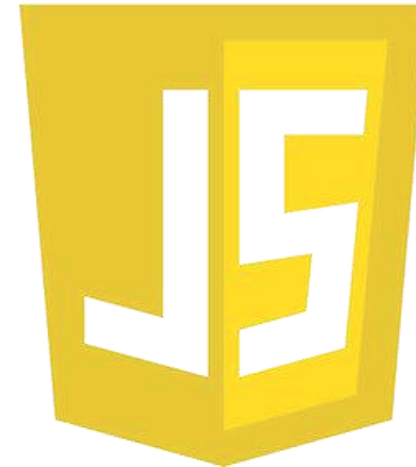
HTML



CSS



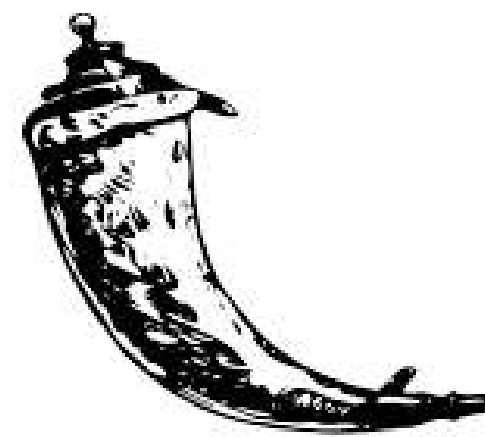
JS



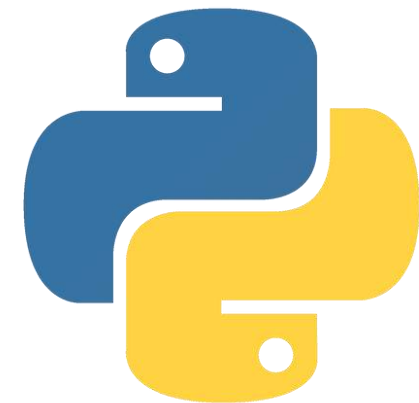
Eleven
Labs



OpenAI



Flask



pythonTM

WORKING DEMO

The screenshot displays a VS Code editor interface with the following components:

- EXPLORER:** Shows a project structure with folders like `MINI_2`, `application`, `audio`, `character`, `character_catalog`, `character_responce`, and `my_env`. The `routes.py` file is selected in the `application` folder.
- OPEN EDITORS:** Displays several open files including `character.css`, `routes.py`, `style.css`, `custom-style.css`, `home.css`, `characters.html`, `background.txt`, and `generate_audio.py`.
- EDITOR:** Shows the `routes.py` file with the following code:

```
156 with open('users.json', 'w') as f:
157     json.dump(users, f)
158
159 return redirect(url_for('login'))
160
161 return render_template('register.html')
162
163
164
165 from audio import speech_to_text
166 speech_to_text = speech_to_text.SpeechToText()
167
168 from character_responce import ai_palm_response
169 import sys
170 from audio import generate_audio
171
172
173 #conversation_history=[]
174 @app.route('/<character_name>', methods=['GET', 'POST'])
175 def character_page(character_name):
176     from character_responce import ai_palm_response
177
178     background=charcter_select2.read_data_in_subfolder(character_name)
179     background2=charcter_select2.read_data_in_subfolder(character_name)[0]
180
181     global ai_response
```
- TERMINAL:** Shows the output of the Flask application, displaying HTTP requests and responses for various image files and a new character creation request.

```
127.0.0.1 - - [18/Jan/2024 02:15:08] "GET /static/images/dhoni.jpeg HTTP/1.1" 304 -
127.0.0.1 - - [18/Jan/2024 02:15:08] "GET /static/images/messi.jpeg HTTP/1.1" 304 -
127.0.0.1 - - [18/Jan/2024 02:15:08] "GET /static/images/narendra modi.jpeg HTTP/1.1" 304 -
127.0.0.1 - - [18/Jan/2024 02:15:08] "GET /static/images/ronaldo.jpeg HTTP/1.1" 304 -
127.0.0.1 - - [18/Jan/2024 02:15:08] "GET /static/images/sharukh khan.jpeg HTTP/1.1" 304 -
127.0.0.1 - - [18/Jan/2024 02:15:08] "GET /static/images/virat kohli.jpeg HTTP/1.1" 304 -
127.0.0.1 - - [18/Jan/2024 02:15:08] "GET /static/plus2.png HTTP/1.1" 304 -
127.0.0.1 - - [18/Jan/2024 02:20:52] "GET /createnew HTTP/1.1" 200 -
```

Recorded in FREE version of Icecream Screen Recorder

FUTURE SCOPE

**Voice
Cloning**

**Increase
response
efficiency**

**Providing more
customization to
a character**

**Storing more data
of character's for
more efficiency**



THANK YOU !

Harsh Sagar
Harsh
Bharat
Anuj
Abheesht
Vani
Shreya