

### Offline -GPT

#### **Introduction**

The Offline ChatGPT is an offline-based platform that enables users to access ChatGPT services without internet connectivity. The system is designed to use USSD to allow users to send requests and receive responses via SMS. This document outlines the working principle of the system, its features, and why the offline version of ChatGPT might be needed.

#### **How It Works**

The Offline ChatGPT system uses USSD to allow users to send requests. The USSD code is unique to the system and is provided by Africastalking. Users will be prompted to enter their request when they dial the code. Once the user inputs their request, the system will process it and send a response via SMS. The system uses Africastalking APIs to send and receive USSD and SMS messages. When the user sends a request, the USSD message is sent to Africastalking, which processes it and sends it to the system. The system then processes the request and sends the response back to Africastalking, which sends it to the user via SMS.

#### **System Features**

The Offline ChatGPT platform has several features, including:

**USSD:** The system uses USSD to allow users to send requests. USSD technology allows users to interact with a menu-based system using their mobile phones.

**SMS:** The system sends responses via SMS. The user receives the response on their mobile phone.

#### **Africastalking APIs:**

The system uses Africastalking APIs to send and receive USSD and SMS messages. Africa stalking provides communication APIs that enable developers to integrate messaging, voice, and payments into their applications.

#### **Offline capability:**

The system can work offline since it does not rely on an internet connection. The USSD code and the Africastalking APIs are preloaded onto the user's mobile phone.

#### **Reasons for Using Offline ChatGPT**

The offline version of ChatGPT might be needed for several reasons, including:

☐ **Limited or no internet connectivity:**

In some areas, internet connectivity may be limited, unreliable, or non-existent. In such cases, the offline version of ChatGPT can be used to provide messaging services without relying on an internet connection.

☐ **Cost-effectiveness:**

SMS messages and USSD codes are cheaper than internet data, making the offline version of ChatGPT a cost-effective way of providing messaging services.

☐ **Accessibility:**

Not everyone has access to smartphones or internet-enabled devices. The offline version of ChatGPT can be accessed using any essential mobile phone, making it accessible to a wider range of people.

Convenience: USSD is a menu-based system that is easy to navigate. Users do not need to download an app or have internet connectivity to use the system, making it a convenient way of accessing messaging services.

☐ **Emergencies:**

During emergencies, internet connectivity may be disrupted. The offline version of ChatGPT can be used to provide messaging services in such scenarios, allowing people to access important information and assistance.

## **Conclusion**

The Offline ChatGPT platform solves the problem of limited or no internet connectivity, making it accessible to a wider range of people. The system is cost-effective, accessible, and convenient, making it an ideal choice for messaging services. Its offline capability makes it particularly useful during emergencies when internet connectivity may be disrupted.