

Documentation for Marketing Content Generator API

Overview

This documentation describes the functionality of the Marketing Content Generator API, which allows users to generate custom marketing content based on specified parameters. The API leverages OpenAI's GPT models to produce text suitable for various platforms such as blogs, social media posts, and other marketing materials.

API Endpoint

- **Endpoint:** /generate-content
- **Method:** POST
- **Content-Type:** application/json

Request Parameters

The API accepts a JSON object with the following parameters:

- **format** (required): The format of the marketing content (e.g., "LinkedIn post", "blog article").
- **topic** (required): The main subject of the content (e.g., "Generative AI").
- **emotion** (optional): The desired emotional tone of the content (e.g., "excitement", "curiosity").
- **length** (optional): The maximum length of the content in words.
- **target_audience** (optional): The intended audience for the content (e.g., "tech enthusiasts", "HR professionals").

Sample Request

```
{  
  "format": "LinkedIn post",  
  "topic": "Generative AI",  
  "emotion": "excitement",  
  "length": 200,  
  "target_audience": "tech enthusiasts"  
}
```

Response Format

The API responds with a JSON object containing either the generated text or an error message.

- **Success Response:**

```
{
  "text": "Excited to share insights on Generative AI! 🚀 With its innovative capabilities, Generative AI is revolutionizing various industries, from creative arts to healthcare..."
}
```

- **Error Response:**

```
{
  "error": "An error occurred. Please try again."
}
```

Authentication

Currently, the API does not require authentication for simplicity and ease of access. For production environments, implementing authentication (e.g., API keys, OAuth) is recommended to secure access.

User Interface

The API is accompanied by a web-based user interface that allows non-technical users to interact with the service easily. The interface is accessible via a web browser and provides form inputs corresponding to the API's parameters.

How to Use the User Interface

1. **Access the Interface:** Open a web browser and navigate to the hosted URL of the application.
2. **Input Details:** Fill in the form fields with the desired content characteristics.
3. **Submit:** Click the "Generate Content" button to submit the request.
4. **View Results:** The generated content will be displayed below the form upon successful completion of the request.