

Introduction

- An app which generates email based on topic and details provided by the user.
- With the "Email Generator," users can create personalized emails tailored to their needs.
- They can choose from various tones, lengths, and styles to suit different communication contexts.

Technologies Used

- Clarifai
- Llama2 13-b chat model
- Streamlit
- Langchain

Business and Market Value

- Time Savings
- Consistency
- Collaborative Workflows
- Reduced Errors
- Productivity Boost
- Target Audience: Small businesses, Students and Educators, Freelancers
- Integrate the app with other platforms that target audience might be using such as market automation platform and e-commerce platform.

Market Analysis

Target Audience: Small businesses, Students and Educators, Freelancers

Monetization prospects:

Problem Statement

- Crafting effective emails can be time-consuming.
- Tone, length, and content vary based on context.

Solution

- Simplifies email composition process.
- Empowers users to create impactful emails effortlessly.
- Saves time by streamlining email writing.
- Ensures consistency and quality across emails.

Demo

The screenshot shows a web browser window with the URL `https://squidwardemail.streamlit.app`. The page is divided into two main sections: 'Email Generator' on the left and 'Email Preview' on the right. The 'Email Generator' section contains several input fields: 'Sender's Name' (Aayesha), 'Recipient's Name' (Mr.smith), 'Subject/Topic' (Regarding coursework submission), 'Extra Detail' (I don't know how to submit my coursework), 'Tone' (Formal), and 'Preferred Length' (Short). The 'Email Preview' section shows a preview of the generated email, starting with 'Dear Mr. Smith,' and containing a request for information about coursework submission. The browser's address bar and various icons are visible at the top, and a 'Manage app' button is in the bottom right corner.

Sender's Name
Aayesha

Recipient's Name
Mr.smith

Subject/Topic
Regarding coursework submission

Extra Detail
I don't know how to submit my coursework

Tone
Formal

Preferred Length
Short

Email Preview

Preview Box

Add the details that are required.

Dear Mr. Smith,

I hope this email finds you well. I am writing to inquire about the submission of my coursework for the current semester. I have completed all my assignments and would like to submit them for evaluation. However, I am not sure about the procedure for submitting the coursework.

I would greatly appreciate it if you could provide me with the necessary details regarding the submission process. Please let me know the deadline for submitting the coursework, the format in which it should be submitted, and any other requirements that I need to fulfill.





I am available to discuss this matter further if needed. Please feel free to contact me at your earliest convenience.

Thank you for your time and consideration.

Sincerely,

Manage app

Code walkthrough

Name
 Email_generator - Shortcut.Ink
 README.md
 app.py
 requirements.txt

Future Enhancements

- **Multilingual Support:** Expand Email Generator's capabilities to support multiple languages.
- **AI-Generated Subject Lines:** Integrate AI to suggest engaging subject lines that increase email open rates.
- **Voice-to-Email Conversion:** Implement voice recognition technology to convert spoken messages into text emails.
- **Emotion Analysis:** Use sentiment analysis to suggest appropriate emotional tones for the email based on the user's input and the intended recipient.
- **Smart Signature Generator:** Create a tool that generates personalized email signatures based on the user's name, title, and other relevant information.

Thank you!