GOOGLE CLOUD VERTEX AI HACKATHON

lablabai

PixelCrafters

Crafting Conversations with Pixelated Expressions

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PIXELCRAFTERS
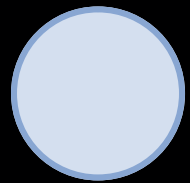
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CONTENT

PIXELCRAFTERS

INTRODUCTION

IMAGINE A CHATTING EXPERIENCE WHERE WORDS COME ALIVE THROUGH DYNAMIC GIFS, ADDING A NEW LEVEL OF EXPRESSIVENESS TO YOUR CONVERSATIONS.

PIXELCRAFTERS

PROBLEM STATEMENT

TRADITIONAL TEXT-BASED CHATTING PLATFORMS LACK THE ABILITY TO EFFECTIVELY EXPRESS EMOTIONS AND REACTIONS, LIMITING THE OVERALL ENGAGEMENT AND EXPRESSIVE NATURE OF CONVERSATIONS.

USERS OFTEN RELY ON PLAIN TEXT OR EMOJIS, WHICH FALL SHORT IN CAPTURING THE DEPTH AND NUANCES OF COMMUNICATION

EXISTING SOLUTIONS

TELEGRAM OFFERS GIFS BASED ON EMOTICONS YOU ENTER, LIMITED EMOTICONS TO SUGGEST GIFS, VARIOUS GIFS LABELLED WITH WRONG EMOTICONS

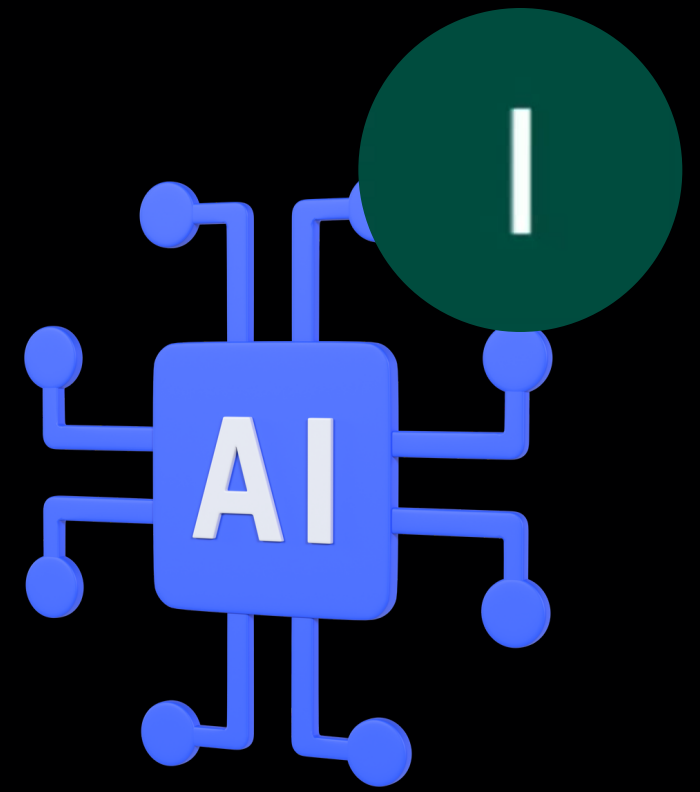SNAPCHAT RECOMMENDS GIFS AFTER YOU MANUALLY TYPE SOMETHING

PIXELCRAFTERS

- PIXELCRAFTERS TAKES EMOTICON-BASED EXPRESSION TO THE NEXT LEVEL

- IT UTILIZES AI TECHNOLOGY TO GENERATE RESPONSES AND FIND THE PERFECT GIF TO MATCH ANY CONVERSATION.

BUT HOW?

- INPUT TEXT: USERS ENTER THEIR TEXT MESSAGE WITHIN THE CHAT PLATFORM.

- AI-POWERED RESPONSE GENERATION: PIXELCRAFTERS LEVERAGES GOOGLE CLOUD VERTEX AI AND UTILIZES STATE-OF-THE-ART LANGUAGE MODEL, PALM, TO GENERATE A RESPONSE THAT PROVIDES A REPLY TO THE INPUT MESSAGE.

- COSINE SIMILARITY CALCULATION: THE GENERATED RESPONSE IS COMPARED TO A DATASET OF GIPHY CAPTIONS USING COSINE SIMILARITY, A MATHEMATICAL MEASURE OF SIMILARITY BETWEEN TWO VECTORS.

- GIF RECOMMENDATION: THE SYSTEM IDENTIFIES THE GIF CAPTION WITH THE HIGHEST COSINE SIMILARITY TO THE GENERATED RESPONSE, SUGGESTING THE MOST RELEVANT GIF THAT ALIGNS WITH THE CONTEXT AND SENTIMENT OF THE CONVERSATION.

- SEAMLESS INTEGRATION: THE RECOMMENDED GIF IS SEAMLESSLY DISPLAYED WITHIN THE CHAT PLATFORM, ALLOWING USERS TO EASILY SELECT AND SHARE THE SUGGESTED GIF, ENRICHING THEIR CONVERSATION WITH EXPRESSIVE VISUALS.

KEY FEATURES

- REAL-TIME GIF SUGGESTIONS
- INTELLIGENT RECOMMENDATION SYSTEM
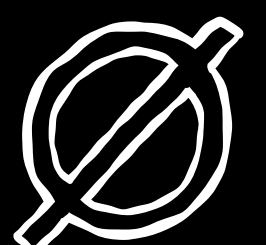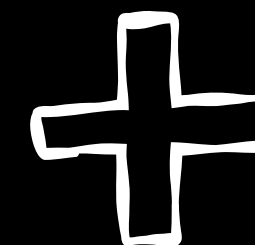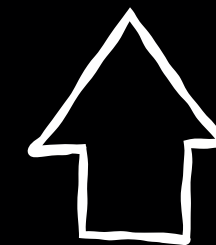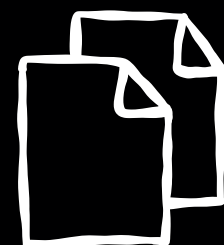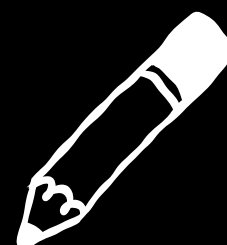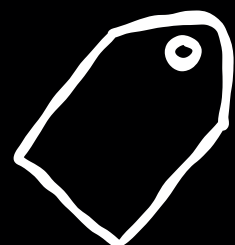- SEEMLESS INTEGRATION
- CUSTOMIZABLE OPTIONS

TARGET AUDIENCE

- CHAT APP USERS
- CREATIVE COMMUNICATORS
- BUSINESS AND MARKETING PROFESSIONALS

REVENUE STREAMS

- LICENSING AND API INTEGRATION
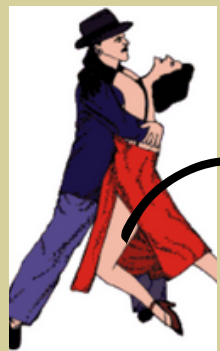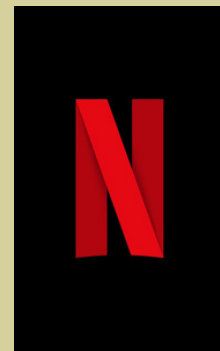- IN - APP PURCHASES
- SPONSORED GIFS

CONCLUSION

- PIXELCRAFTERS REVOLUTIONIZES CHAT COMMUNICATION BY SEAMLESSLY INTEGRATING REAL-TIME GIF SUGGESTIONS, ENHANCING THE EXPRESSIVE POTENTIAL OF CONVERSATIONS.

- WITH ITS INTELLIGENT RECOMMENDATION SYSTEM AND EXTENSIVE LIBRARY OF HIGH-QUALITY GIFS, PIXELCRAFTERS OFFERS USERS A DYNAMIC AND ENGAGING CHAT EXPERIENCE.

- JOIN PIXELCRAFTERS AND DISCOVER A NEW WAY TO COMMUNICATE VISUALLY

Product Mockup

PIXELCRAFTERS

Jonathan Patterson
Online

I love talking to you, hope we could meet up someday :/
8.30 ✓

What are your plans for tonight?
8.30

GIF suggestions without explicitly typing anything.

Thank You

And now, our demo...