CSE 408

PromptSage

Team Members

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Project Overview

❖ **Introducing PromptSage** – The Ultimate Prompt Marketplace. Users can **Craft**, **sell**, and **buy** engaging prompts effortlessly for DALL-E, Mid-Journey, GPT, and other cutting-edge platforms.

❖ **Featuring** premium membership, secure transactions, and admin approval for a trusted ecosystem.

❖ Redefine content creation with PromptSage – Where Creativity Thrives!

Motivation

❖ **Monetizing Creativity:** For prompt engineers, the platform offers an opportunity to monetize their creative skills by selling prompts.

❖ **Meeting Content Demands:** High quality prompts for companies.
Content creators can use in youtube thumbnails or for content creation.

❖ **Innovation in AI Content:** The project could be motivated by a desire to contribute to the innovation and advancement of content creation for AI models such as DALL-E, MidJourney and GPT. It provides a space for experimenting with new ideas and pushing the boundaries of AI-generated content

Modules

- ❖ Prompt selling
- ❖ Prompt buying
- ❖ Payment system
- ❖ Free prompt generation *
- ❖ Membership Features *
- ❖ Buyers rate the sellers
- ❖ Prompts approval (by admins) *

Modules

❖ Hiring a prompt engineer *

❖ Discussion Forum

❖ Search and filter

❖ User dashboard and notifications

❖ Recommendation system - buyers get recommendations on homepage based on their preferences   *

❖ Generate images and sell prompts

Prompt Creation and Marketplace

❑ **Seller (Prompt Engineer):**

➢ Create prompts

➢ Shows sample images/outputs

➢ Sell prompts

❑ **Buyer:**

➢ Browse Marketplace

➢ View some output images of the prompt (in case of Midjourney, DALL-E)

➢ Purchase prompt

Payment System

❏ The company retains a **20% commission** on all transactions

Prompts Approval *

❑Prompts must be unique for approval

❑If a prompt is copied from someone else, it gets rejected (server-side checking) *

❑Admins can approve/reject

User Profile and Dashboard

❏ A user can buy and sell

❏ Rating of a seller

❏ User's Rank

❏ Notification system

❏ Total prompts sold/bought

❏ Achievements

Free Prompt Generation *

- ❏ **Input a text**

- ❏ **Generate a prompt out of that text**

- ❏ **Example:**

Input: **A bird flying in fire**

Output Prompt: Describe a surreal scene where a majestic bird soars through a mesmerizing landscape of vibrant flames, exploring the juxtaposition of grace and destruction. Explore the emotions and symbolism evoked by the image of a bird flying in fire, and delve into the significance it holds within a larger narrative or metaphorical context.

Generate Images and Sell

❑ **Free image generation**

❑ **Example:**

Input Prompt:
Describe a surreal scene where a majestic bird soars through a mesmerizing landscape of vibrant flames, exploring the juxtaposition of grace and destruction. Explore the emotions and symbolism evoked by the image of a bird flying in fire, and delve into the significance it holds within a larger narrative or metaphorical context.

Membership *

- Standard vs Premium membership

- Standard members **can generate upto 5 free prompts**

   but need to watch **ads***

- Only premium members can sell prompts

Hiring a Prompt Engineer *

❏ A buyer can hire a prompt engineer

❏ No communication/chats between them before hiring

❏ Can request for prompts based on specific topics

❏ Can complain / feedback (to admins)

Discussion Forum *

❑ Users can discuss among themselves

❑ They can send text, images in the forum.

❑ Can reply in any section.

Search and Filter

❑ **Search in a search box**

❑ **Filter by**

Category (Tech/Art/Literature),

Type (creative/technical),

Price range

Platform (GPT/Midjourney/DALL-E)

Recommendations in Homepage *

❑ Using machine learning

❑ Based on search history

❑ Based on preferences

Rating System

❑ Buyers rate the prompt he purchased

❑ A user's(seller) rating is the average of ratings of sold prompts

❑ Buyers can like/dislike a prompt and users' profile shows their total likes/dislikes

Thank You