



**UNITED**  
Group of Institutions  
Greater Noida • Allahabad

# SentimentZen

Where Emotional Support Meets Personalized Recommendations.

# Group Details:

GROUP NUMBER - G 11

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# Introduction

- SentimentZen utilizes sentiment analysis for personalized emotional well-being experiences, curating tailored recommendations spanning diverse media.
- It integrates mindfulness practices and offers practical strategies to alleviate negative emotions effectively.
- With its chatbot, Dr. Zen, delivering personalized advice, SentimentZen aims to revolutionize emotional well-being by fostering resilience, positivity, and balance.

# Problem Statement

- **Digital Overload:** Managing emotions is tough in the digital age due to constant information bombardment.
- **Emotional Understanding:** Difficulty in identifying and expressing emotions leads to increased stress and decreased well-being.
- **Lack of Tailored Resources:** Current emotional support resources are generic and don't cater to individual needs, causing feelings of isolation and overwhelm.
- **Need for Comprehensive Solution:** There's a critical need for a tool that can analyze emotions in real-time, offer personalized recommendations, and provide practical strategies for emotional self-care.
- **Enhancing Wellness:** Integrating wellness practices into emotional support can empower individuals to lead balanced and fulfilling lives.



# Our Solution

## Emotion Recognition

Advanced sentiment analysis for a comprehensive understanding of users' emotions.

## Content Recommendation

Variety of smart recommendations based on users' emotions and preferences.

## Real-time Feedback

Immediate feedback to enhance self-awareness and emotional intelligence.

## Visualization of Emotions

Visual emotion representation through a bar graph for self-reflection.

## Improvement of Well-Being

Advanced sentiment analysis for a comprehensive understanding of users' emotions.

## Dr. Zen Chatbot Feature

A chatbot for emotional support and providing advice on how to manage and address your feelings.

# Why SentimentZen?



## All-In-One Solution

From sentiment analysis to personalized recommendations and emotional support, we've got you covered!



## Versatile Sentiment Analysis

We analyze text and speech to dive deep into users' emotional states and needs.



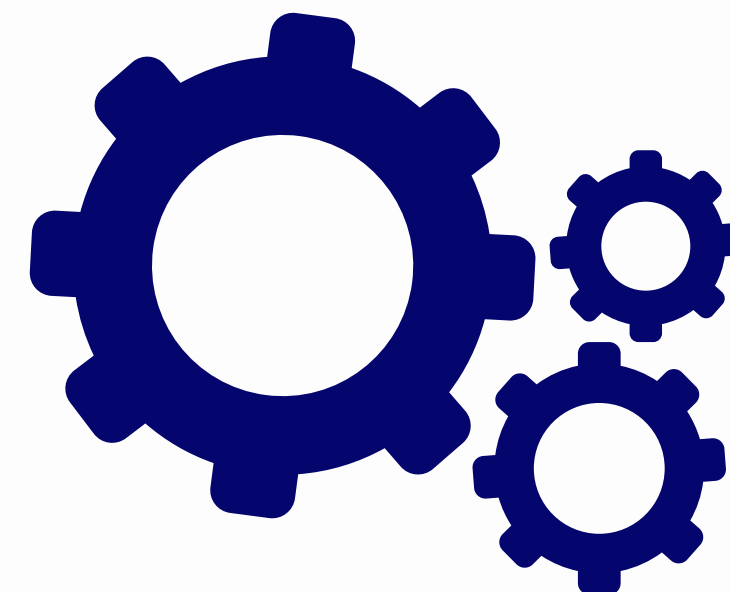
## Personalized Recommendations

Tailored content suggestions across music, movies, and more, just for you!

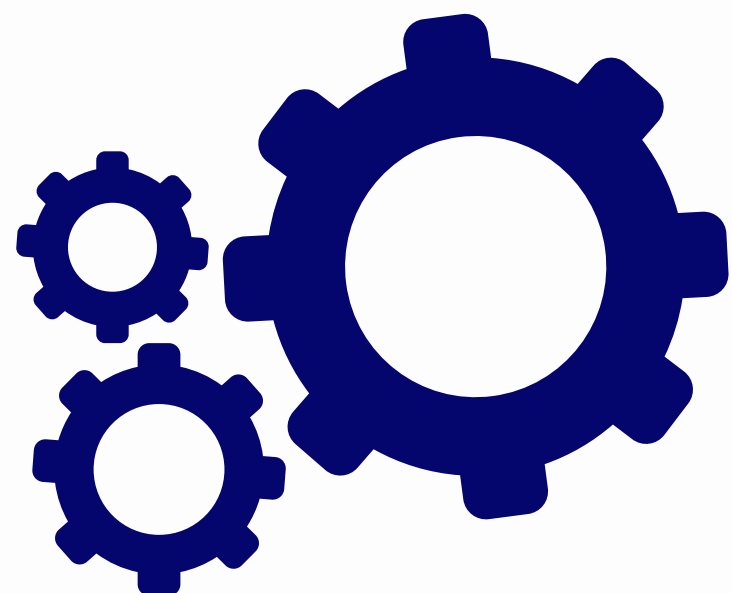


## Emphasis on Emotional Well-being

Prioritizing your emotional wellness with resources and support, empowering you every step of the way!

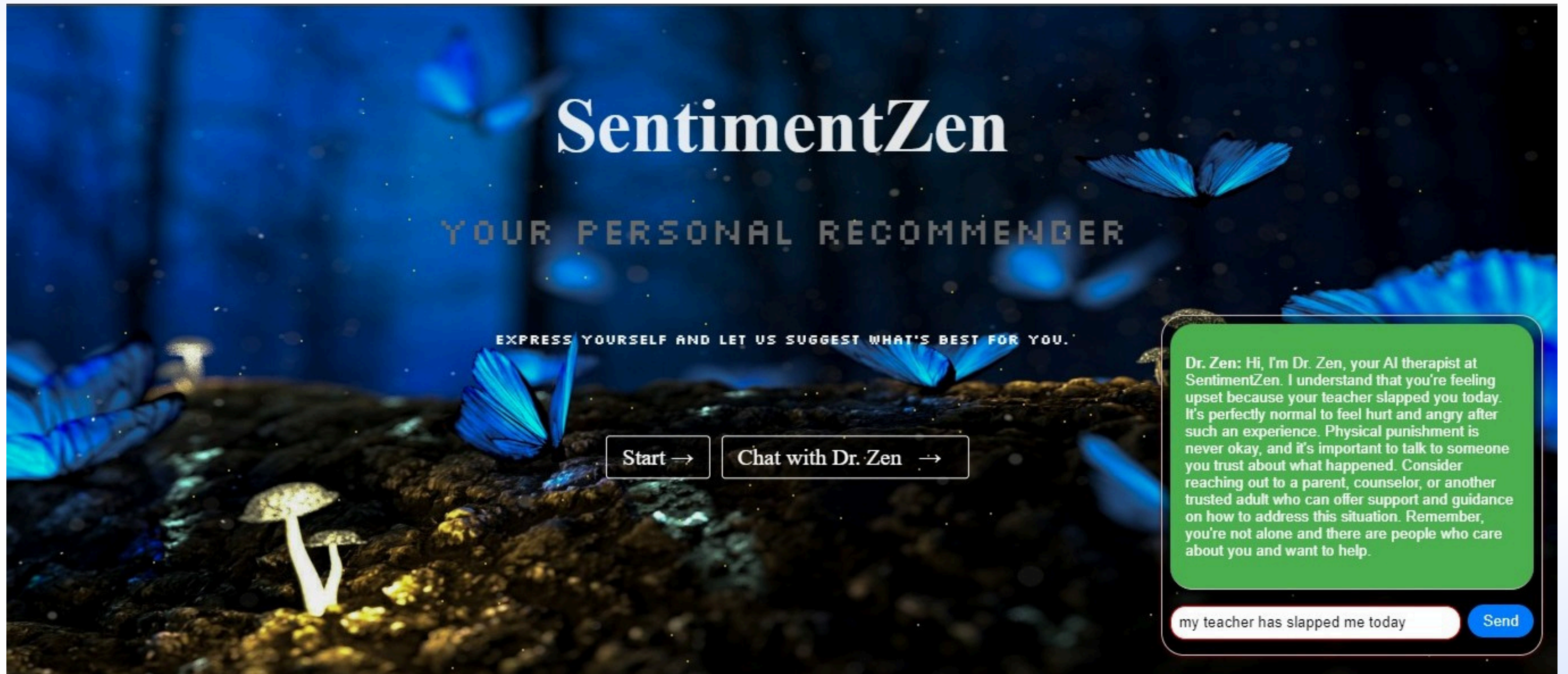


**Working...**





# Home Page



# SentimentZen

YOUR PERSONAL RECOMMENDER

EXPRESS YOURSELF AND LET US SUGGEST WHAT'S BEST FOR YOU.

Start →

Chat with Dr. Zen →

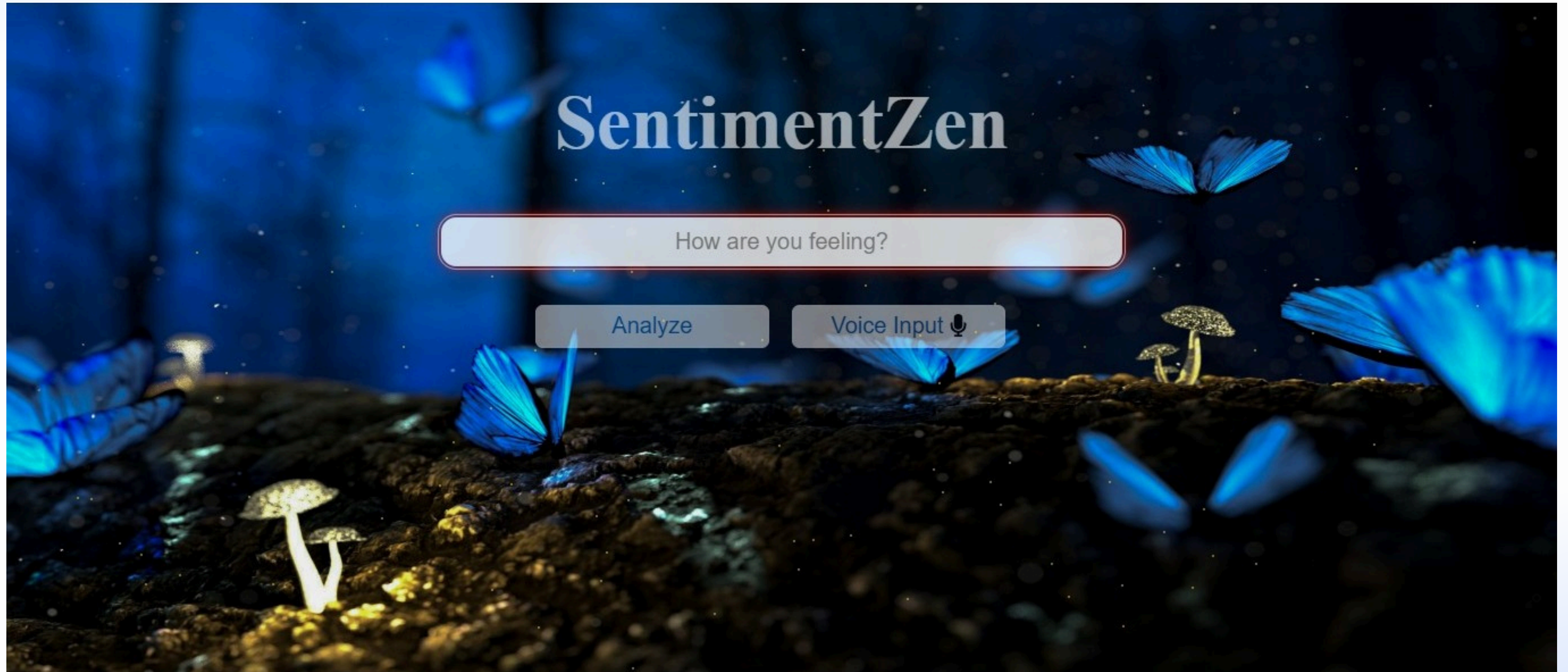
Dr. Zen: Hi, I'm Dr. Zen, your AI therapist at SentimentZen. I understand that you're feeling upset because your teacher slapped you today. It's perfectly normal to feel hurt and angry after such an experience. Physical punishment is never okay, and it's important to talk to someone you trust about what happened. Consider reaching out to a parent, counselor, or another trusted adult who can offer support and guidance on how to address this situation. Remember, you're not alone and there are people who care about you and want to help.

my teacher has slapped me today

Send



# Query Input Page



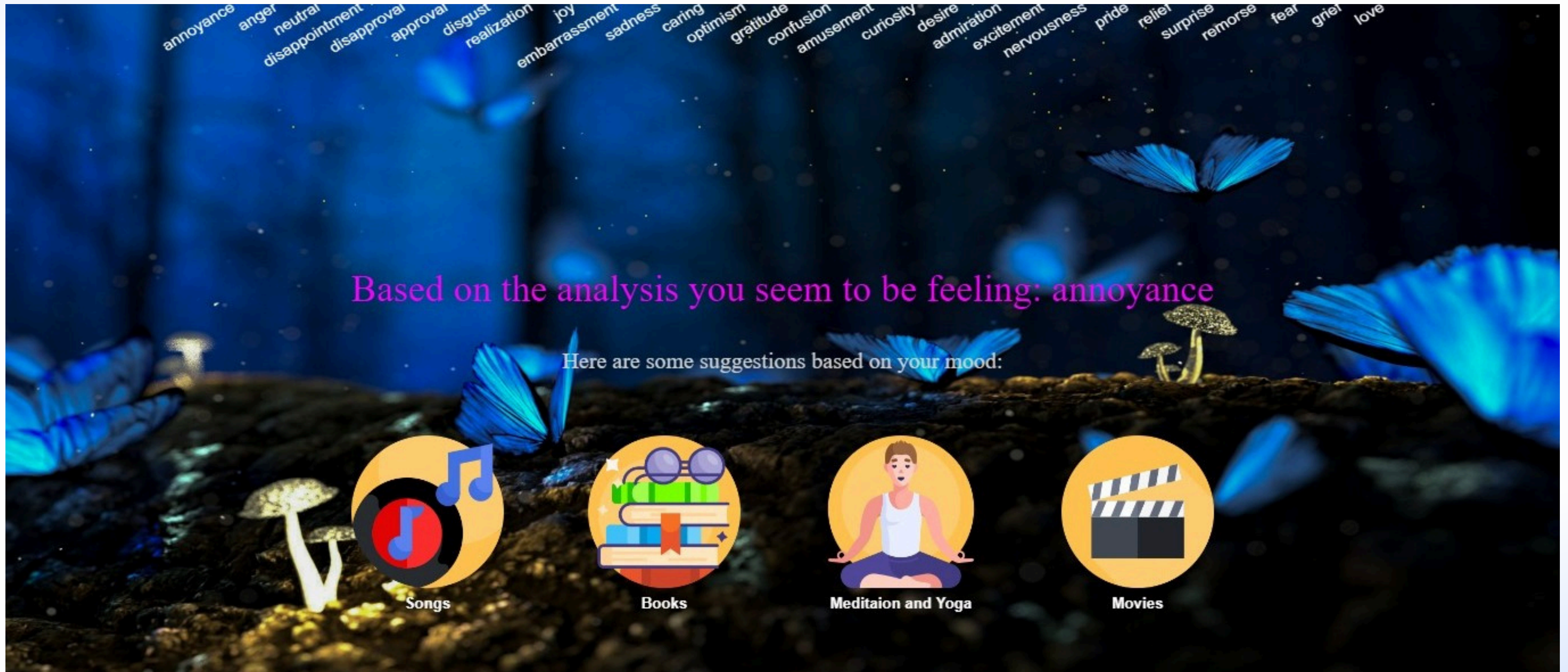


# Bar Graph





# Recommendations







# Variety of Content




Feeling anger - Here are some songs




**Lose Yourself**  
Singer: Eminem  
Genre: Hip hop  
[Listen Now](#)



**Break Stuff**  
Singer: Limp Bizkit  
Genre: Nu metal, Rap metal  
[Listen Now](#)



**Killing in the Name**  
Singer: Rage Against the Machine  
Genre: Alternative metal, Rap metal  
[Listen Now](#)




**Bullet in the Head**  
Singer: Rage Against the Machine  
Genre: Alternative metal, Rap metal  
[Listen Now](#)


**In the End**

Song Recommendation

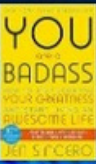
Feeling annoyance - Here are some books




**Don't Sweat the Small Stuff... and It's All Small Stuff**  
Richard Carlson  
[Read Now](#)




**The Life-Changing Magic of Not Giving a F\*ck: How to Stop Spending Time You Don't Have with People You Don't Like Doing Things You Don't Want to Do**  
Sarah Knight  
[Read Now](#)



**You Are a Badass: How to Stop Doubting Your Greatness and Start Living an Awesome Life**  
Jen Sincero  
[Read Now](#)



**The Power of Now: A Guide to Spiritual Enlightenment**  
Eckhart Tolle  
[Read Now](#)

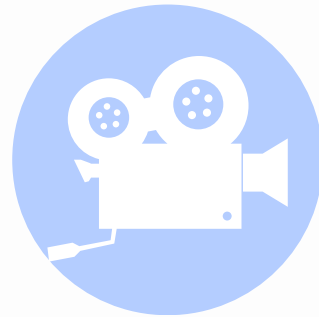


**Man's Search for Meaning**  
Viktor E. Frankl





Book Recommendation




# Variety of Content




Feeling annoyance - Here are some movies

	<b>Superbad</b> 2007 IMDB: 7.6 genre: Comedy <a href="#">Watch Now</a>
	<b>The Grand Budapest Hotel</b> 2014 IMDB: 8.1 genre: Adventure, Comedy Crime <a href="#">Watch Now</a>
	<b>Crazy Rich Asians</b> 2018 IMDB: 6.9 genre: Comedy, Drama, Romance <a href="#">Watch Now</a>
	<b>The Princess Bride</b> 1987 IMDB: 8 genre: Adventure, Family, Fantasy <a href="#">Watch Now</a>


## Movie Recommendation




Songs



Books






Meditaion and Yoga



Movies

Feeling annoyance - Here are some Yoga and Meditation

	<b>Mindful breathing exercises</b> Mindful breathing exercises involve paying close attention to the breath, focusing on the sensation of each inhale and exhale. This practice promotes relaxation, stress reduction, and increased mindfulness. <a href="#">Watch Tutorial</a>
	<b>Yoga poses for relaxation like Corpse Pose (Savasana)</b> Corpse Pose, or Savasana, is a deeply relaxing yoga pose that allows the body and mind to rest completely. It promotes deep relaxation, stress relief, and rejuvenation. <a href="#">Watch Tutorial</a>
	<b>Meditation on patience involves cultivating a calm and accepting attitude towards challenges and difficulties. It encourages a sense of inner peace, resilience, and acceptance.</b> <a href="#">Watch Tutorial</a>

## Yoga/Meditation Recommendation



# Future Scope



- 01 Include diverse content like podcasts, articles, and poems.
- 02 Enable profile creation to track emotional well-being.
- 03 Improve algorithms based on user feedback.
- 04 Assist users in setting and tracking personal goals.
- 05 Partner with health experts to provide specialized support for users with mental health challenges.



**Thank You**