PRIYANSHI SINGH
SUSTAINABLE INTERACTION DESIGN

UNIVERSITÄT SIEGEN

Creative AIƆRASTINATOR

WELCOME

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WHAT IS PROCRASTINATION?

Self Explanatory Right?

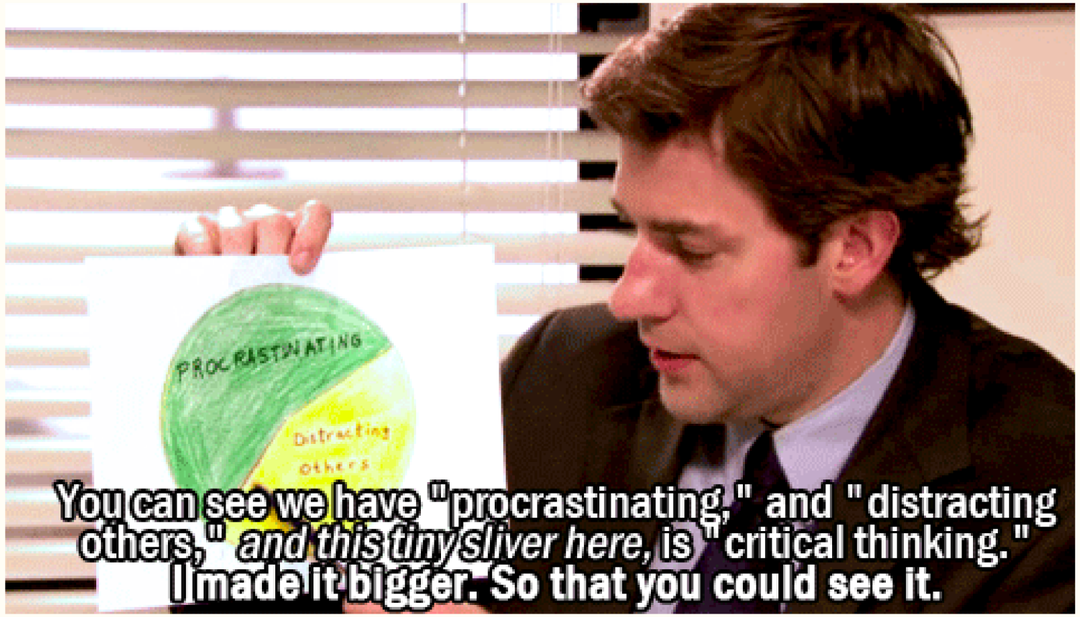
The act of delaying or postponing tasks or actions that one should be accomplished within a given timeframe.
It involves putting off tasks or decisions that require attention, often in favour of more immediate or enjoyable activities.

CAUSE

Lack of motivation
Perfectionism
Poor time management skills
Distractions
Procrastination triggers
Lack of self-discipline

IMAPCT

Decreased productivity
Increased stress and anxiety
Missed opportunities
Impaired decision-making
Diminished self-esteem



AI PRASTINATOR
Bringing you the finest in AI-powered procrastination reminders.
Just not right now.
Get started
Press ⌘\ to show the Figma UI again
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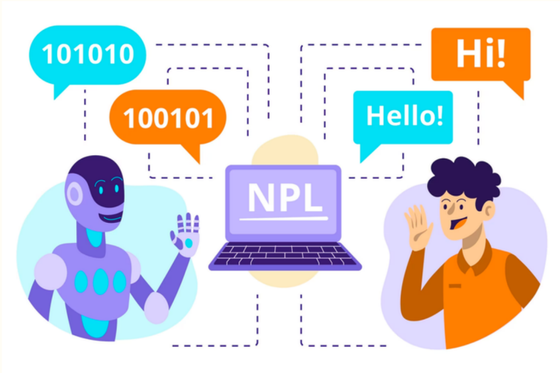
AICRASTINATOR

The AI Procrastinator mobile application is designed with an intuitive interface that allows users to input and store their tasks. These tasks are pre-created and stored within the application for easy user access and management.

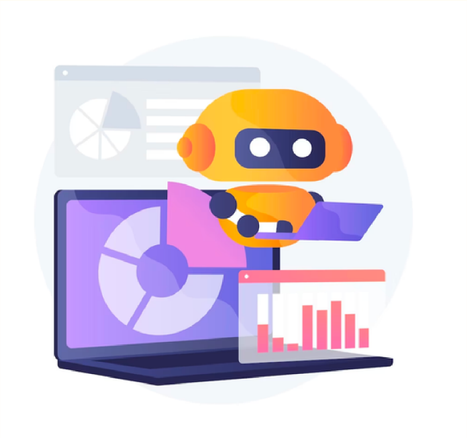
Additionally, the application is equipped with advanced natural language processing capabilities. It has the ability to scan and analyze text from various chatting applications in real-time. Using sophisticated intelligent algorithms, the AI detects and picks out specific keywords from the chat that match the pre-stored tasks set by the users and sends reminder notifications that are tailored to your specific tasks

BACKEND TECHNOLOGY



NATURAL LANGUAGE PROCESSING

SEMANTIC ANALYSIS



MACHINE LEARNING

KEYWORDS-TASK DETECTION & MATCHING

MAIN COMPONENTS

Process Flow

1
personalized user task input & storage

2
real-time scanning-monitoring

3
keyword detection (chat)

4
keywords-text match

5
trigger timely reminder notifications

6
user interaction & detailed metrics

7
task completion tracking

AICRASTINATOR

Features

Keyword Detection

- monitors chat/text conversations
- identifies keywords in real-time
- different level of accuracy in detecting & matching

Intelligent Matching

- AI keeps the capability to achieve a 100% keyword match but,
- AI's advanced algorithms ensure that reminders are triggered not only when there is an exact match but also when there is no match as well to keep the user updated on their tasks

Continuous Learning and Improvement

AI's algorithms can adapt and enhance their keyword detection and reminder generation capabilities based on user interactions and feedback

User-Friendly Interface

- allows users to easily set tasks, view calendar, and manage their reminders efficiently.
- Compatible with various chatting and texting applications

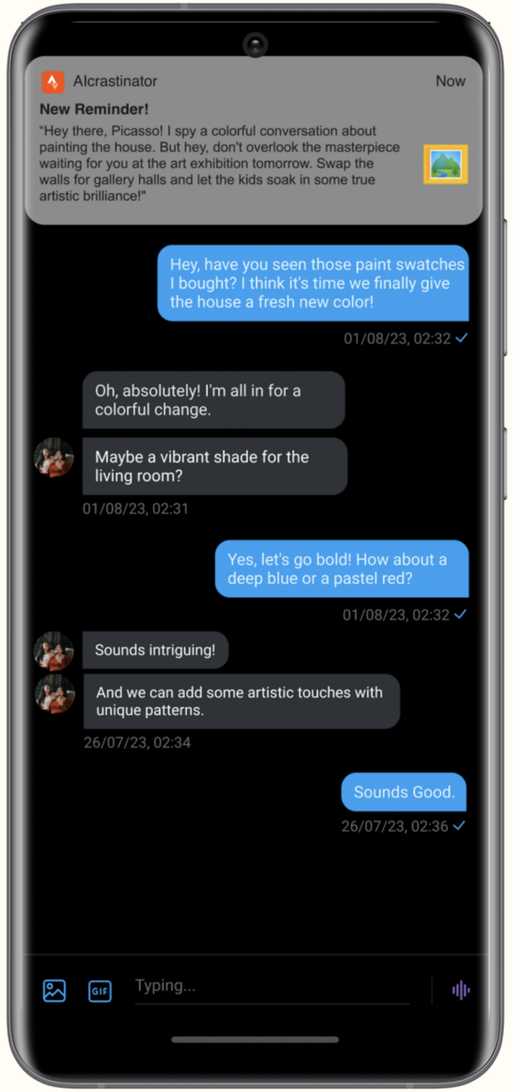
Task Management

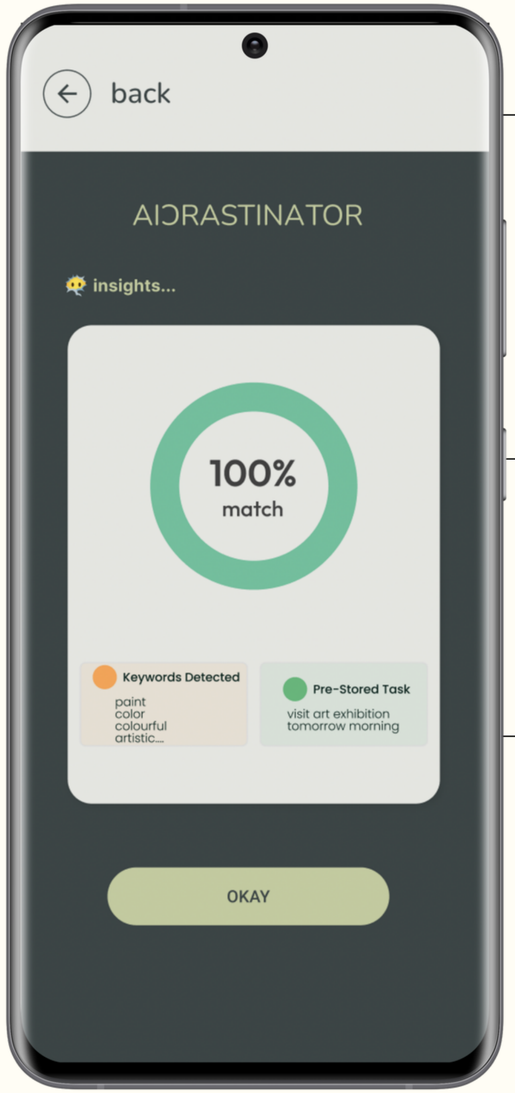
- allows users to input and store their tasks within the application
- manual task creation
- continuous scanning of tasks

TECHNOLOGY

Sample Example

Backend Working





Extraction Technology

- Natural language processing (NLP)
- Extraction Algorithms technique- semantic analysis
- Pattern Matching
- Contextual Analysis

Real-time Processing

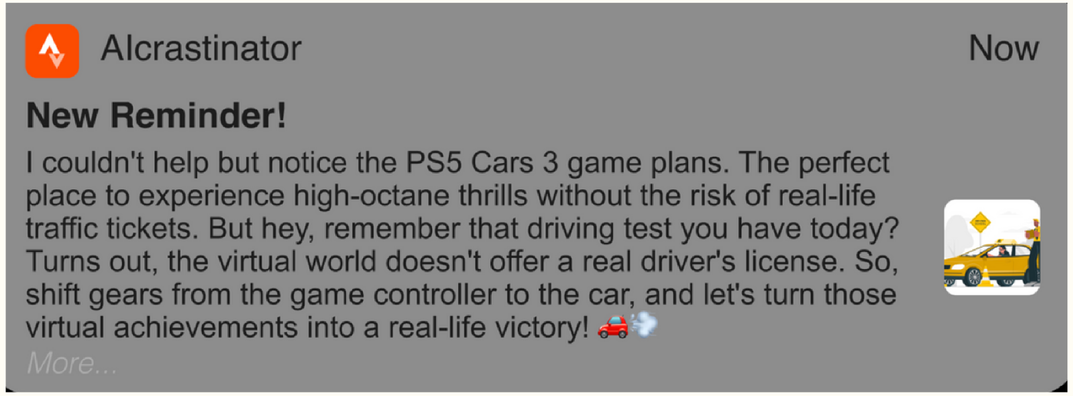
- Real-time nature of the matching technology employed by AI
- AI can successfully filter out the noise and identify the most important keywords relevant to the pre-stored tasks

Analytics & Statistics

- users engagement with the application through analytics data
- visual representations to depict patterns in keyword and matching accuracy
- insights into the relevance of the detected keywords to the pre-stored tasks

Scenario 1

This situation showcases the AI's exceptional ability to detect the exact keyword from your chat, recognizing its relevance to a pre-stored task. The 100% match demonstrates the accuracy and precision of the AI Procrastinator application, providing you with timely and engaging reminders that add a touch of humour to your daily routine.



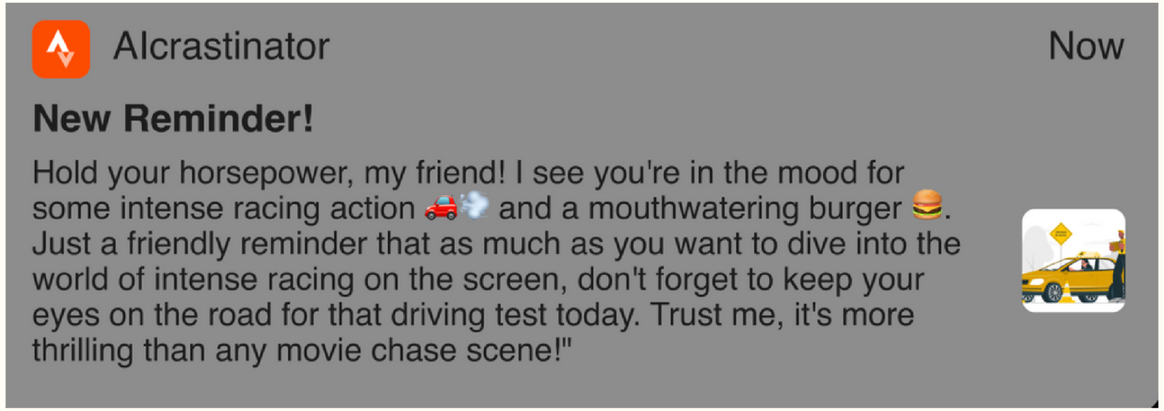
Keyword Detected
need for speed cars3

Reminder Extracted
car driving test

Match	AI Detection	Reminder
100%	100%	100%

Scenario 2

This situation showcases the AI's capability to detect a partial match between the keyword from your chat and a pre-stored task. Despite the 50% match, the AI Procrastinator application intelligently recognizes the relevance of the keyword and delivers a humorous reminder that resonates with your conversation. This demonstrates the AI's ability to adapt and provide timely and engaging reminders even in situations where the match is not exact.



Match

AI Detection

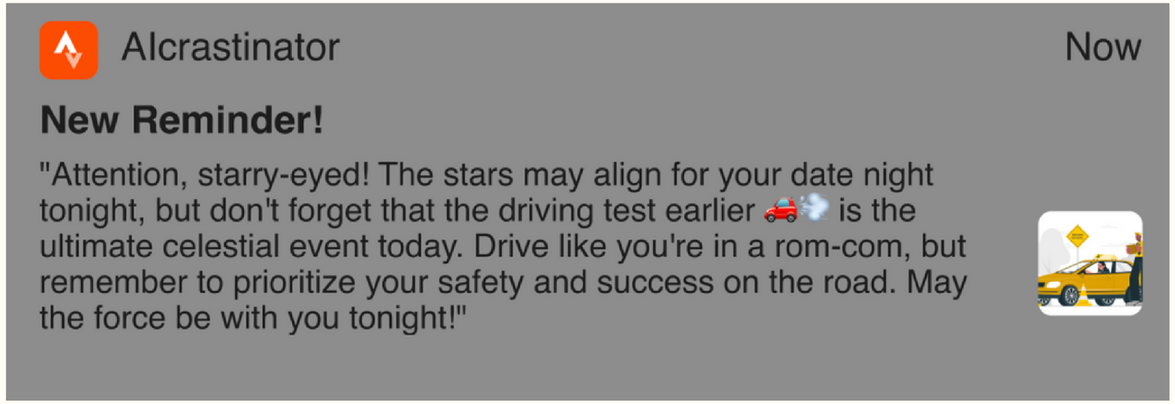
Reminder

Keyword Detected
need for speed
racing movie

Reminder Extracted
car driving test

Scenario 3

This situation highlights the AI's responsible behavior in sending reminders, even when there is a 0% match between the chat and pre-stored tasks. The AI Procrastinator application recognizes the importance of staying organized and on track, regardless of the specific conversation topics. By sending timely reminders, it ensures that you maintain a balanced approach to your commitments and enjoy a sense of accountability.

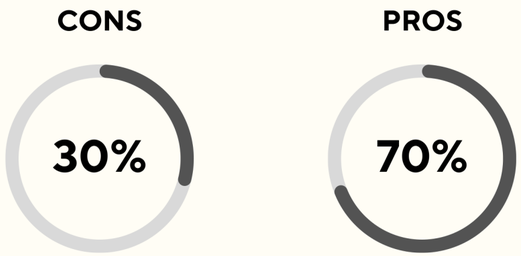


Match	AI Detection	Reminder
0%	0%	100%

Keyword Detected
none

Reminder Extracted
car driving test

AICRASTINATOR



Limitations

- Dependency on Text-based Communication
- Ambiguity in Keyword Detection (language barrier)
- Lack of Flexibility in Reminder Generation
- Continuous Reminder Notifications
- Privacy and Data Security
- Continuous Learning and Improvement

Pros

- Enhanced & Personalized Task Management
- Humorous and Engaging Reminders
- Motivational Support
- Increased Productivity
- Cross-platform Compatibility
- Accurate Matching
- Continuous Learning and Improvement

CONCLUSION

TOPICS ADDRESSED

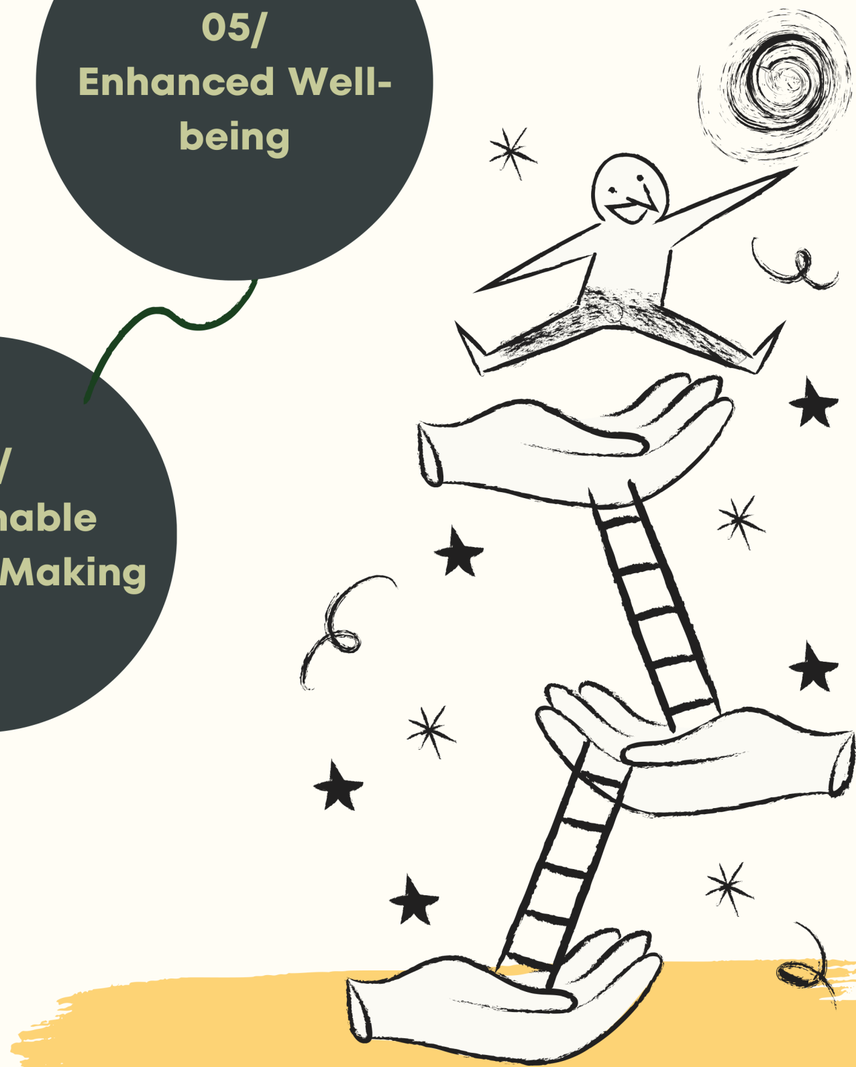
01/ Productivity

02/ Balanced Work-Life

03/ Mindfulness and Mindset

04/ Sustainable Decision-Making

05/ Enhanced Well-being



"Alright, folks, I'm feeling the weight of procrastination creeping in, so let's keep the questions light and snappy."

"Who's got a quick one for me?"

Thank You!

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