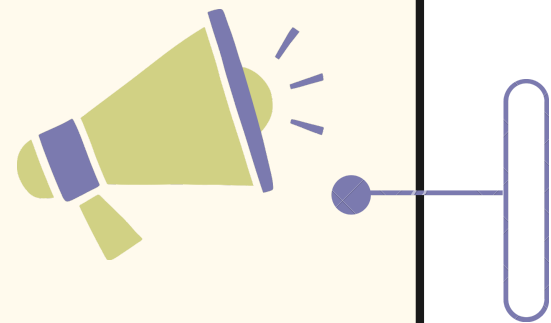




**KIIT 2023**

# **MINOR PROJECT**

# **BLUEPRINT**



By Anushka, Aviroop, Meghna, Swati

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## INTRODUCTION



Intro to the project.

## LANDING PAGE

Overview of the landing page

## FEATURES

Overview of every feature of the website.

## CONCLUSION

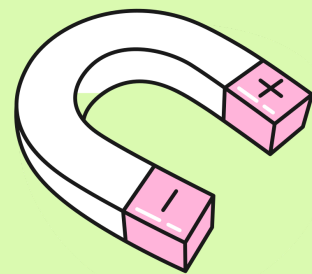
Concluding with details about team members

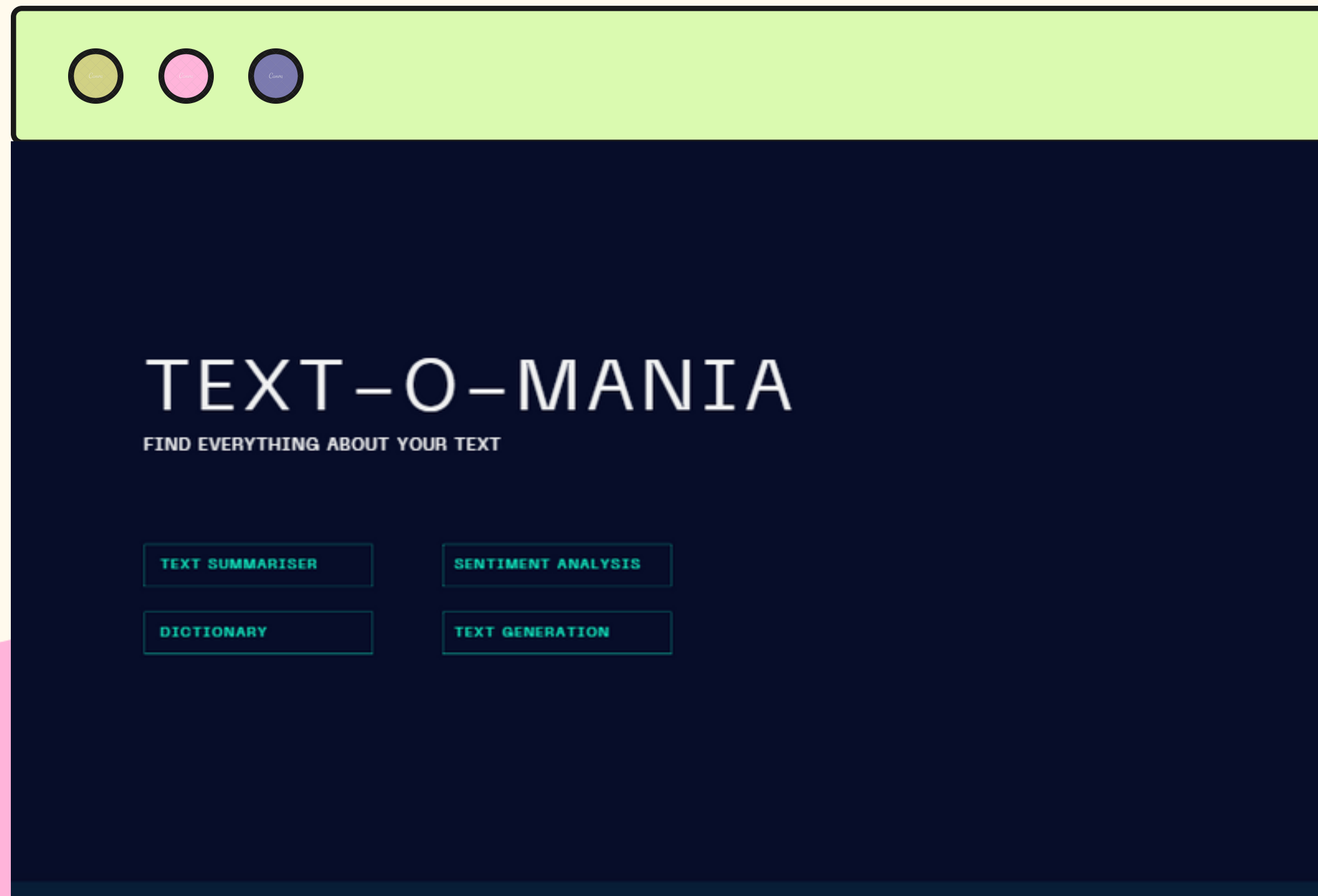
# INTRODUCING...

## TEXT-O-MANIA

An all-in-one website for text analysis and processing.

It has features like text summarisation, text generation, sentiment analysis of given text and a dictionary to quickly find the meaning of any given word.

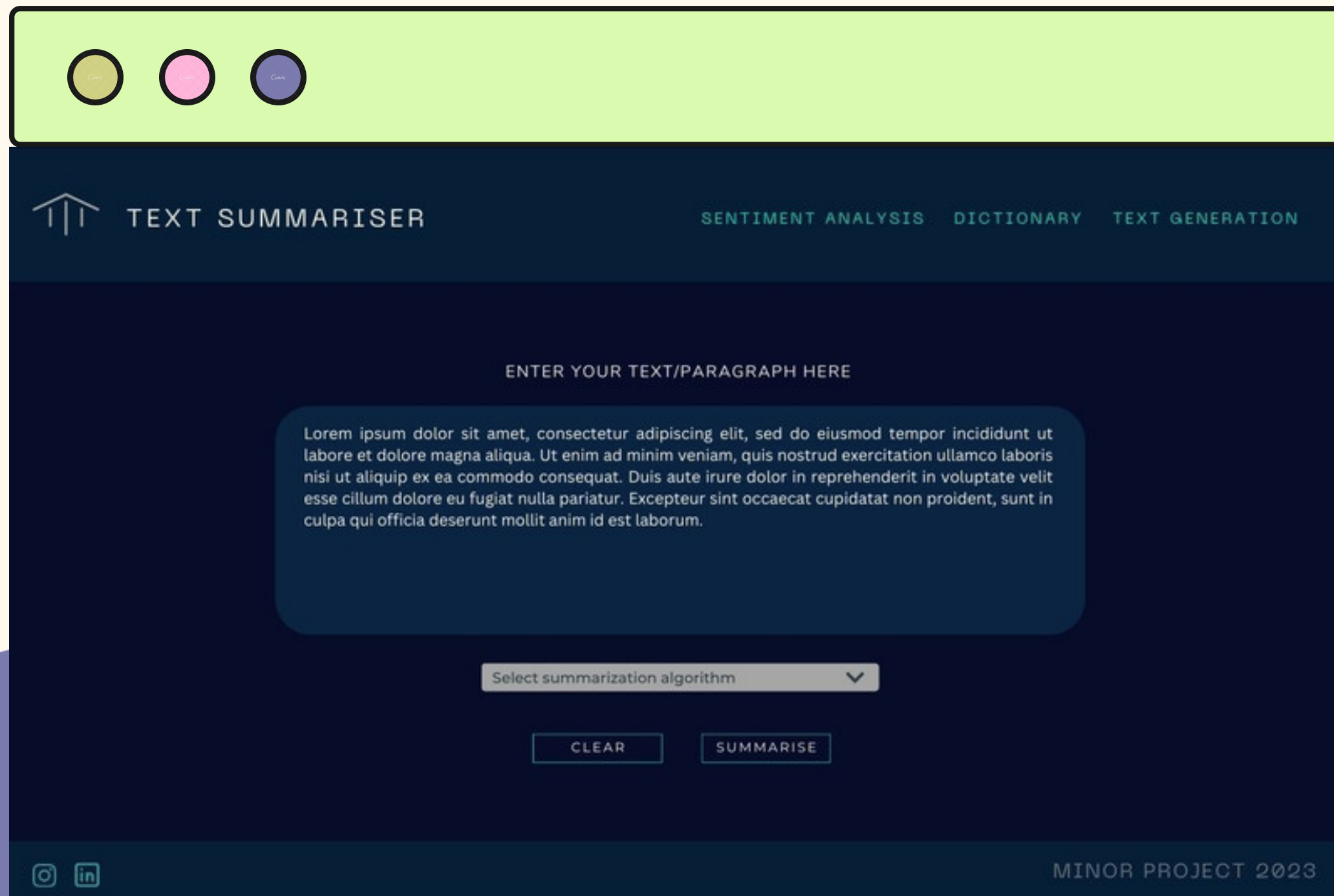




## LANDING PAGE

A simple home page depicting each of the features of our site.

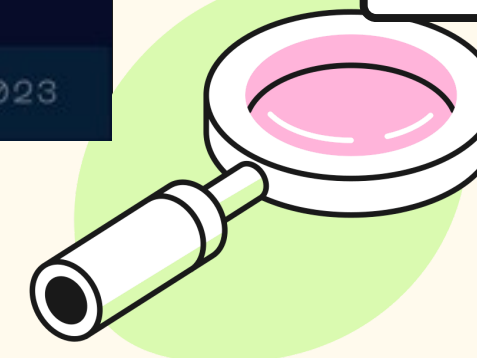
To be built using HTML, CSS and Javascript.

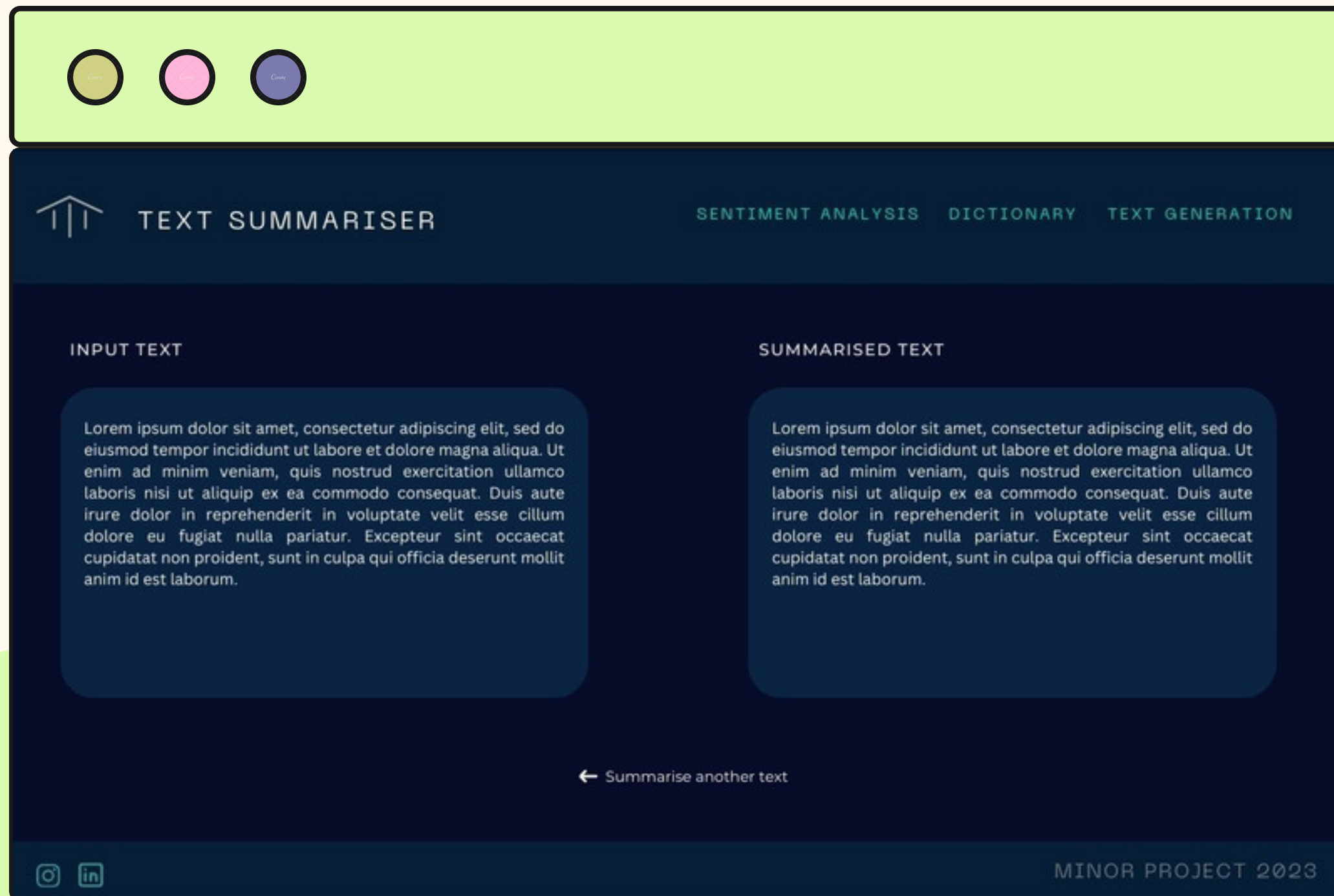


## TEXT SUMMARISER

Enter the given text and choose the summarising algorithm, and view the summarised text.

To be built using python, spacy, NLTK, sumy, and Flask.

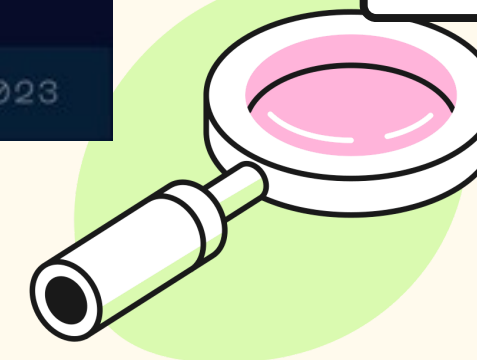


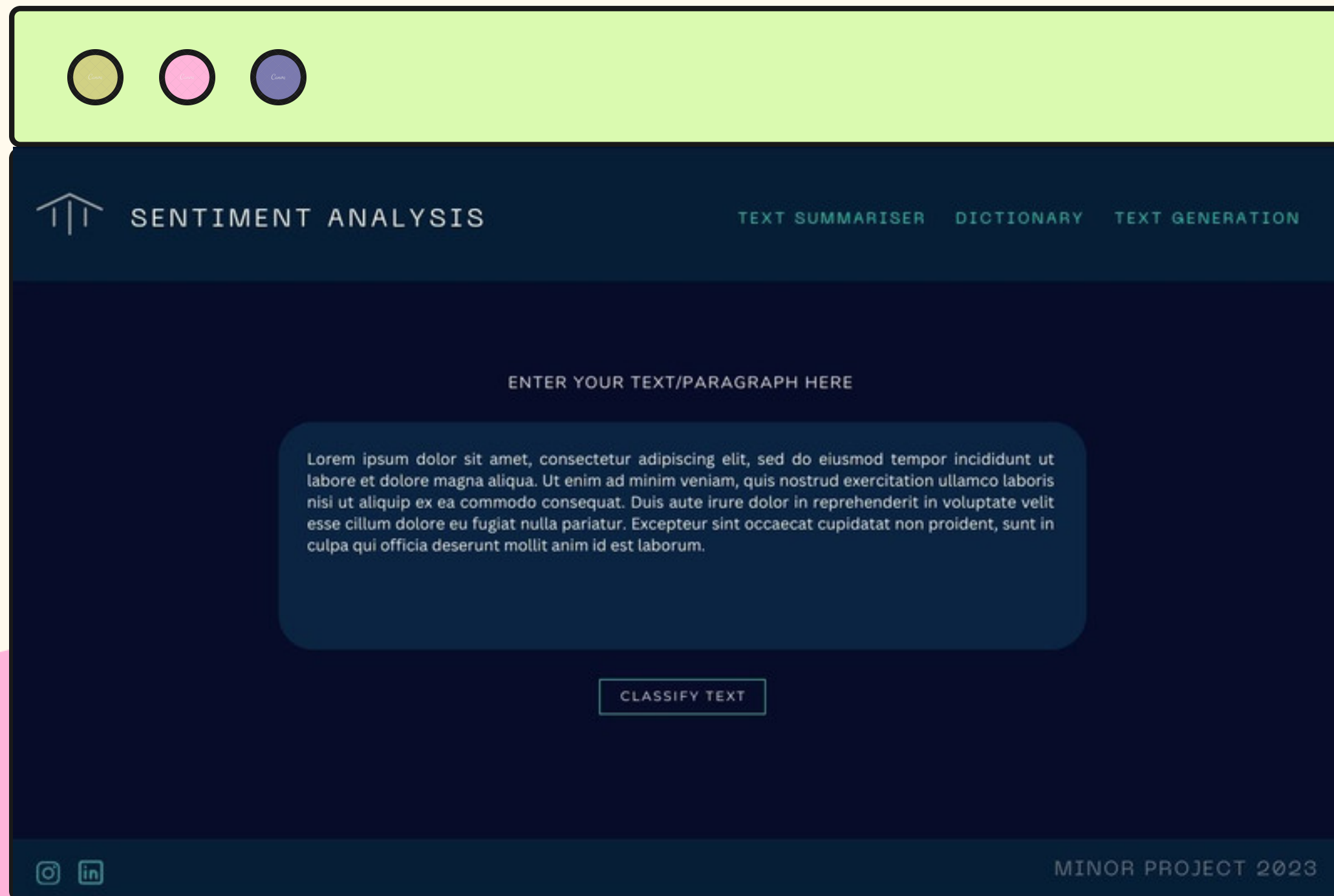


## TEXT SUMMARISER

On this page, the summarised text is shown along with the original text.

To be built using python, spacy, NLTK, sumy, and Flask.

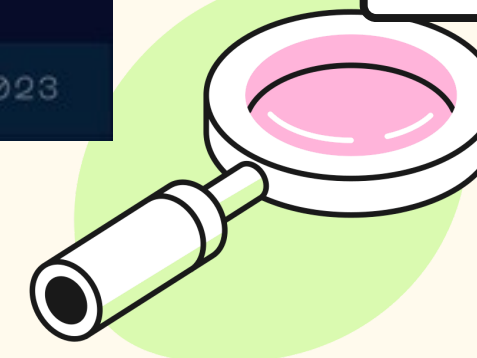




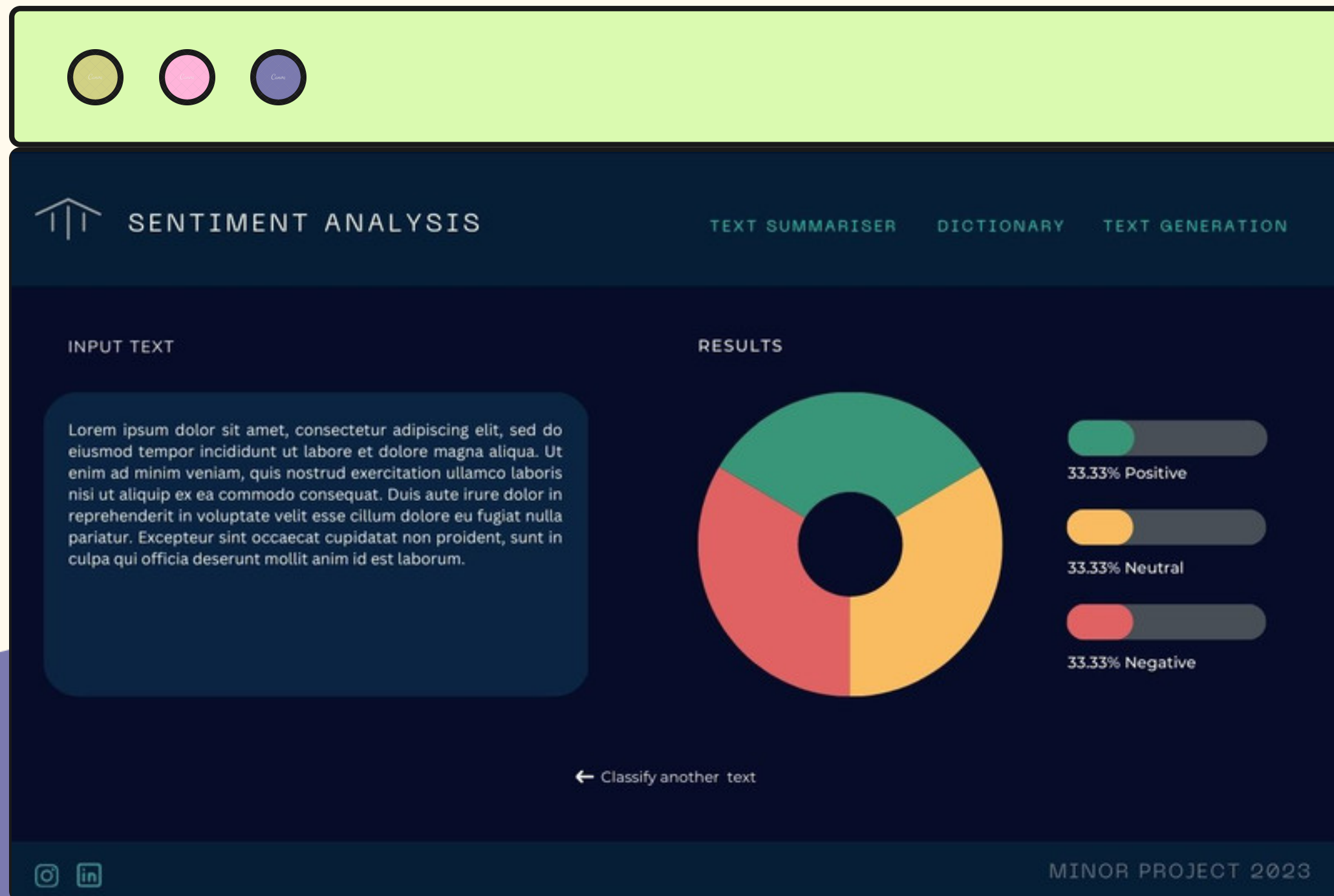
## SENTIMENT ANALYSIS

On this page, the user is required to enter a piece of text which is then classified as positive, negative and neutral.

To be built using Pandas, NumPy, NLTK, and Flask.



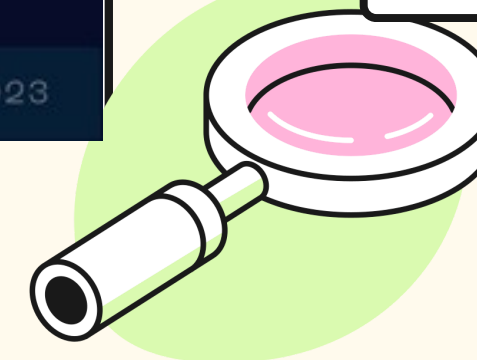




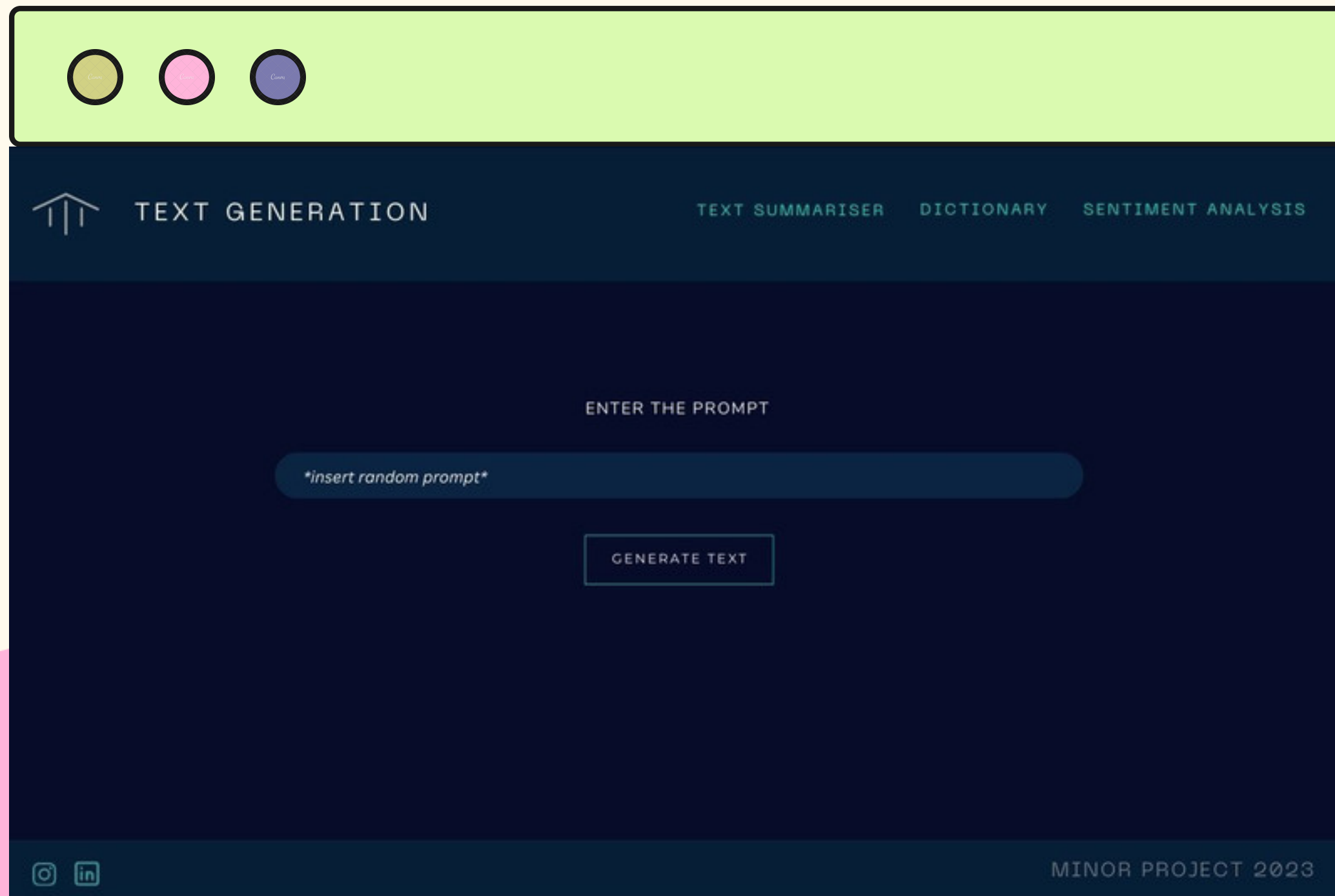
## SENTIMENT ANALYSIS

This page displays the sentiment of the entered text, and shows the data in the form of a pi-chart

To be built using Pandas, numPy, NLTK, and Flask.



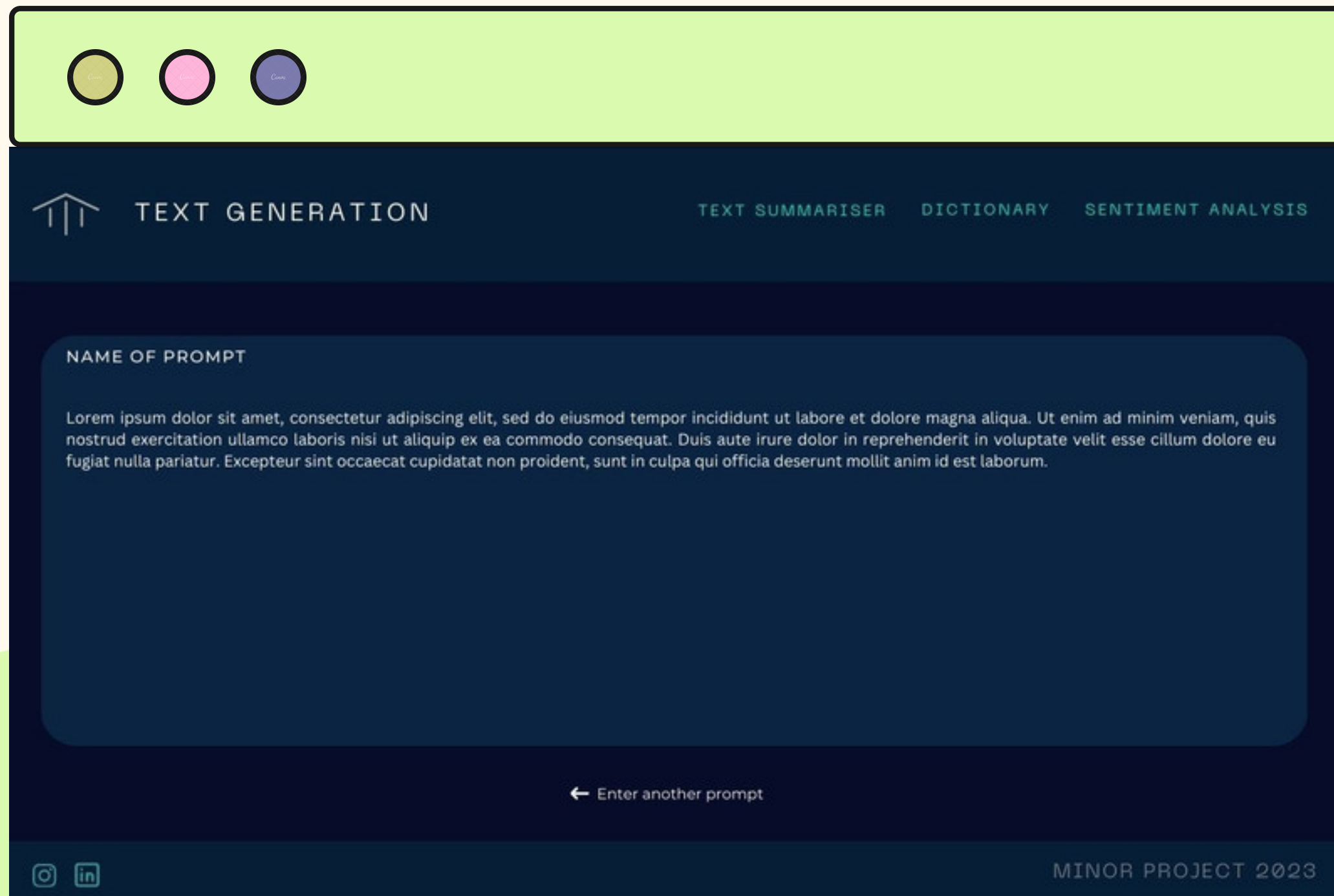




## TEXT GENERATION

This page requires the user to enter a prompt for which the user wants a piece of text or information.

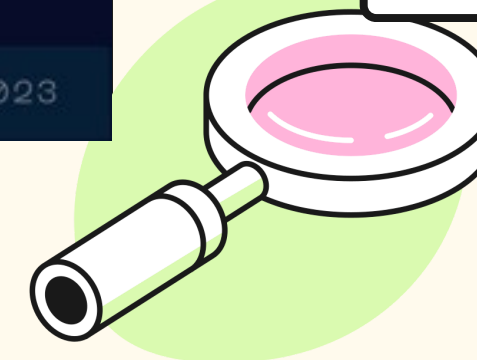
To be built using Panel, GPT-2 Transformer pre-trained model and python.

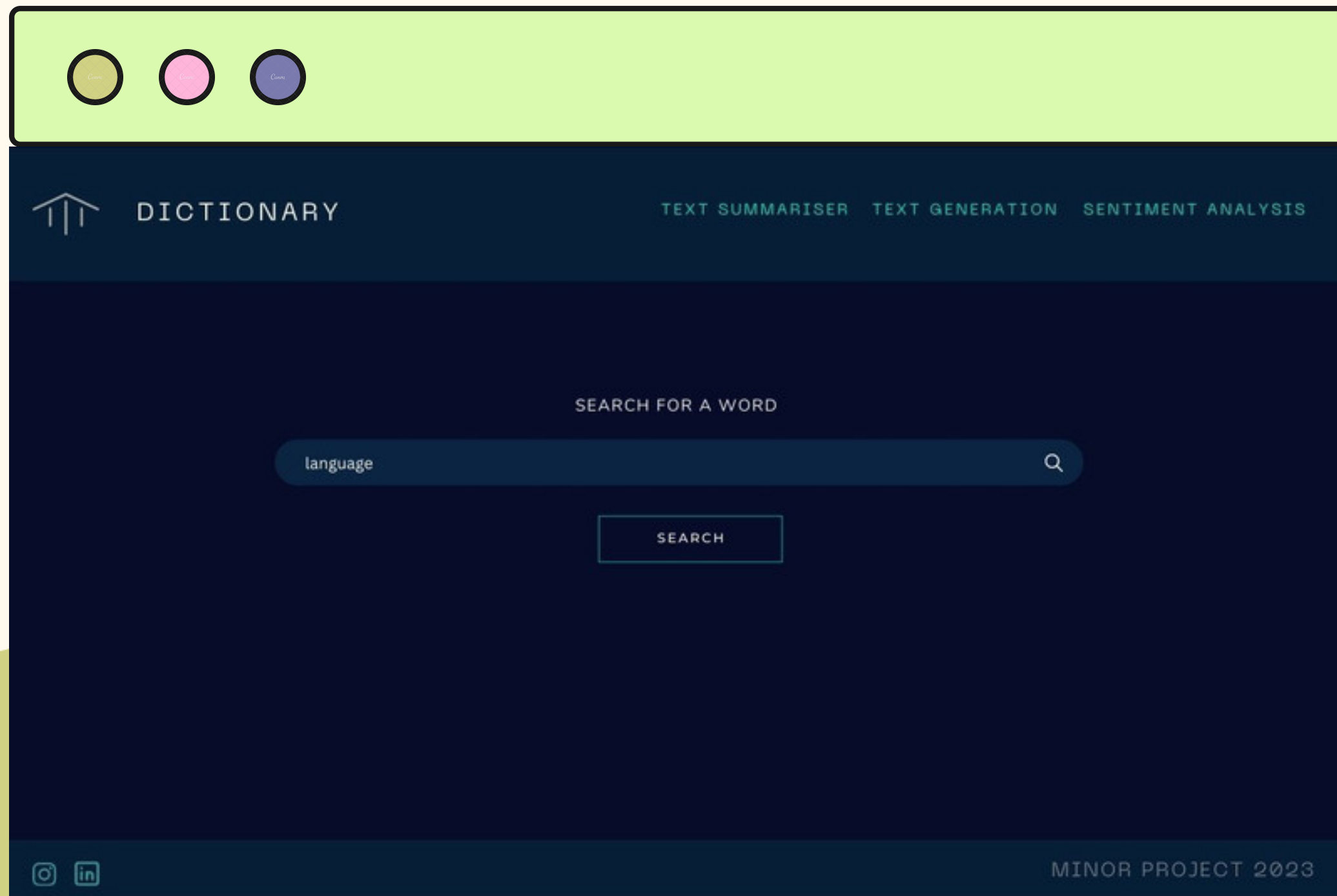


## TEXT GENERATION

This page shows the text generated using the given prompt and gives the user the option to generate more texts by going back.

To be built using Panel, GPT-2 Transformer pre-trained model and python.

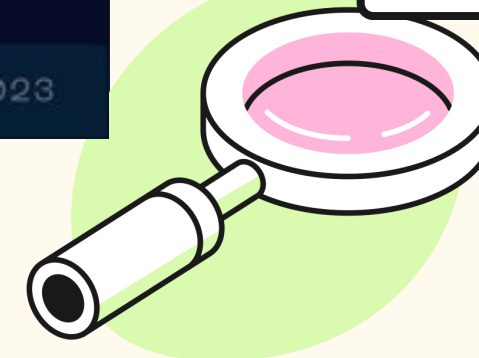


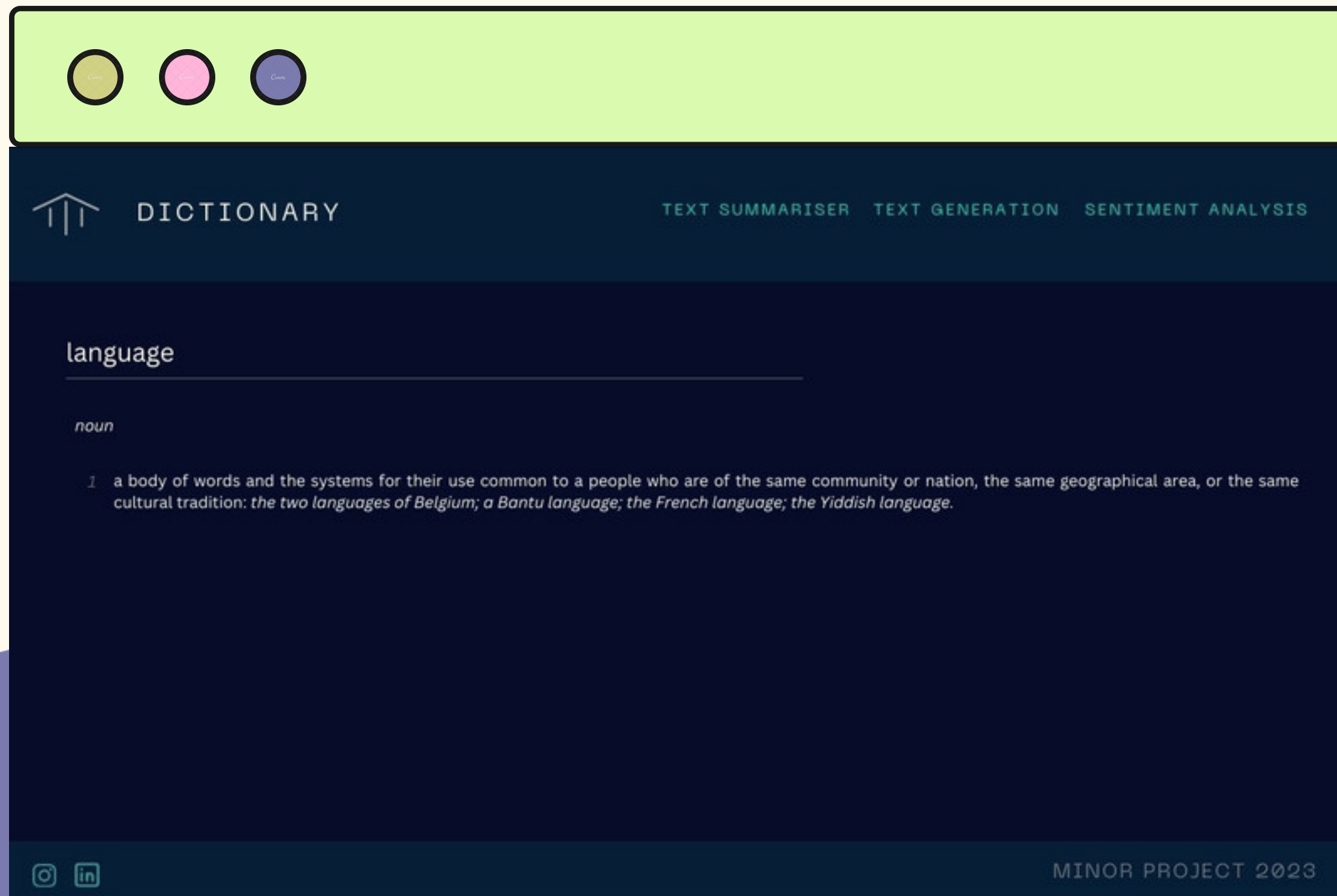


## DICTIONARY

This page gives the user to search for the meaning of any word using the dictionary.

To be built using Oxford Dictionary's API, using it's endpoint to make API calls.

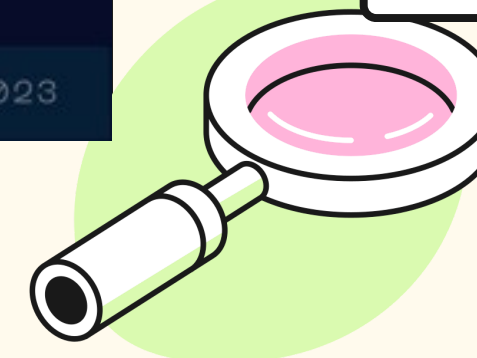


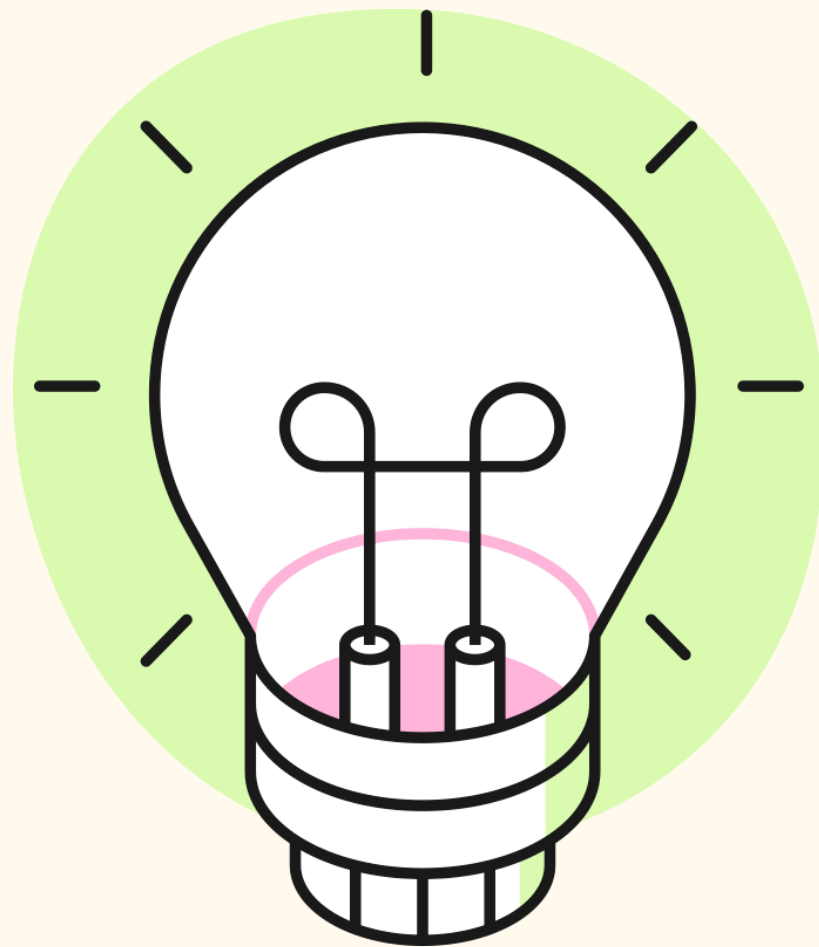


## DICTIONARY

This page gives the meaning of the entered word and the type of the word.

To be built using Oxford Dictionary's API, using it's endpoint to make API calls.





# CONCLUSION

This is an early blueprint of our project and some things can change based on the implementation of the proposed layouts.

Prototype for the text summarizer is available already, built by Aviroop.



**TEXT-O-MANIA**

**THANK  
YOU**

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1. Anushka Dash-20051132
2. Aviroop Paul- 20051136
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4. Swati- 20051181