

Textyle: Paraphrasing Text Using LLM

Textyle

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Style Your Text with Ease

Transform your text with just one click. Simply enter your text, choose a style, and see the magic happen!

Let's try it!



Our Team



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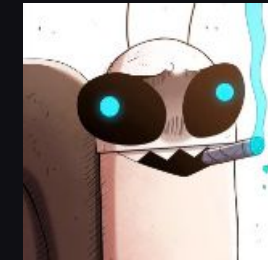
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Project Goals and Objectives

1

ML

Create a model that will satisfactorily convert text styles.

2

Frontend

Make a pleasant and user-friendly website interface.

3

Backend

Create reliable, multi-threaded communication between all endpoints

AI Team: Key Points

Model selection

Select a model for future work.

Tokenization

Delete tokens from existing tokenizer and add new trained ones.

Model fine-tuning

Prepare dataset and train the model.

Frontend Team: Key Points

1

Implement 6 pages

Make a user-friendly routing between pages

2

Connect to a backend

Send requests and receive responses

3

Provided proper error handling

Use visualization of messages and errors for each happening processes as pop-up notifications

4

Adapt the site for mobile devices.

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Input

Здарова, чё как?

Output

Добрый день! Позвольте
поинтересоваться, как ваши
дела сегодня?

Backend Team: Key Points

1

DataBase connection

Well-established communication with the ability to save and receive all the necessary information

2

Model support

Send received requests to the model, process them and send them back to the frontend


3

Frontend connection

Access points that manage user registration, login and saving history.





 YouTube



Captain America: Brave New World | Official Teaser | In Theaters Feb...

Enter a brave new world. Marvel Studios' #CaptainAmericaBraveNewWorld, only in theaters February 14, 2025. Watch Marvel on Disney+: <https://bit.ly/2XyBSIW> ...

Future Developments

1

Deployment

Install a stable version for general convenient use

2

Advanced ML

Improve the performance of the model by adding various modifications

3

Multi-Language Support

Expand to serve users from diverse linguistic backgrounds



Thank You and Q&A

And great thank to Karim EIDakroury!