

Subject Name: **Front-End Engineering**

Subject Code: **CS186**

Cluster: **iGamma**

Group: **28**

Department: **DCSE**



CHITKARA
UNIVERSITY

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PROJECT: TextVert

TEXTVERT [Home](#) [About](#)

Blue

Grey

Red

Yellow

☐ Enable Dark Mode

TEXTVERT-Text Converter

Enter text here

Convert To Uppercase

Convert To Lowercase

Clear

Speak

Copy Text

Remove Extra Spaces

Change Font

Your Text Summary :3 words and 15 characters

Time to read text : 0.03 min

Preview :

Enter text here

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Red

Yellow

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About Us

TEXTVERT-Description



Know the Buttons



Convert To Uppercase : It will convert all your text characters into uppercase.

Convert To Lowercase : It will convert all your text characters into lowercase.

Clear : It will empty your textbox.

Speak : It will convert your text into an audio.

Copy Text : It will copy your text into clipboard.

Remove Extra Spaces : It will clear all the extra spaces (more than one) from your text.

Change Font : It will change your font from normal to italics and italics to normal of your text.

Future Ideas



About The Project

The Text Converter App is a web application built using the React library, designed to convert text between various formats. This report provides an overview of the app, its features, development process, and potential future enhancements.

Github Link :

<https://github.com/Muskan-garg-23/TextVert-Text-Converter>

Tech Stack

React: The app is built on the React library, which is a popular JavaScript library for building user interfaces.

JavaScript: JavaScript is used to add interactivity and functionality to the app.

Bootstrap: This framework used for structuring and styling the app.

React Libraries: Various React libraries and components are utilized to enhance the app's functionality and user experience.

Features

Text Format Conversion: Users can input text in various formats and convert it to a different format of their choice.

Real-Time Preview: The app provides a real-time preview of the converted text, allowing users to see the results as they type or make changes.

Copy to Clipboard: Users can easily copy the converted text to their clipboard with a single click, making it convenient for further use.

Responsive Design: The app is built with a responsive design, ensuring it works seamlessly on various devices, including desktops, tablets, and mobile phones.

Clear: It will empty your textbox .

Speak: It will convert your text into an audio.

Change Font : It will change your font from normal to italics and italics to normal of your text.

Custom Modes: Users can change their UI in dark and many different modes.

FLOWCHART

```
graph TD; Start([Start]) --> Init([Initialize App]); Init --> RenderUI([Render UI]); RenderUI --> UserInput([User Input]); UserInput --> TextConversion([Text Conversion]); TextConversion --> UpdateOutput([Update Output]); UpdateOutput --> RenderUpdatedUI([Render Updated UI]); RenderUpdatedUI --> End([End]);
```

```
graph TD; Start([Start]) --> Init([Initialize App]); Init --> RenderUI([Render UI]); RenderUI --> UserInput([User Input]); UserInput --> TextConversion([Text Conversion]); TextConversion --> UpdateOutput([Update Output]); UpdateOutput --> RenderUpdatedUI([Render Updated UI]); RenderUpdatedUI --> End([End]);
```

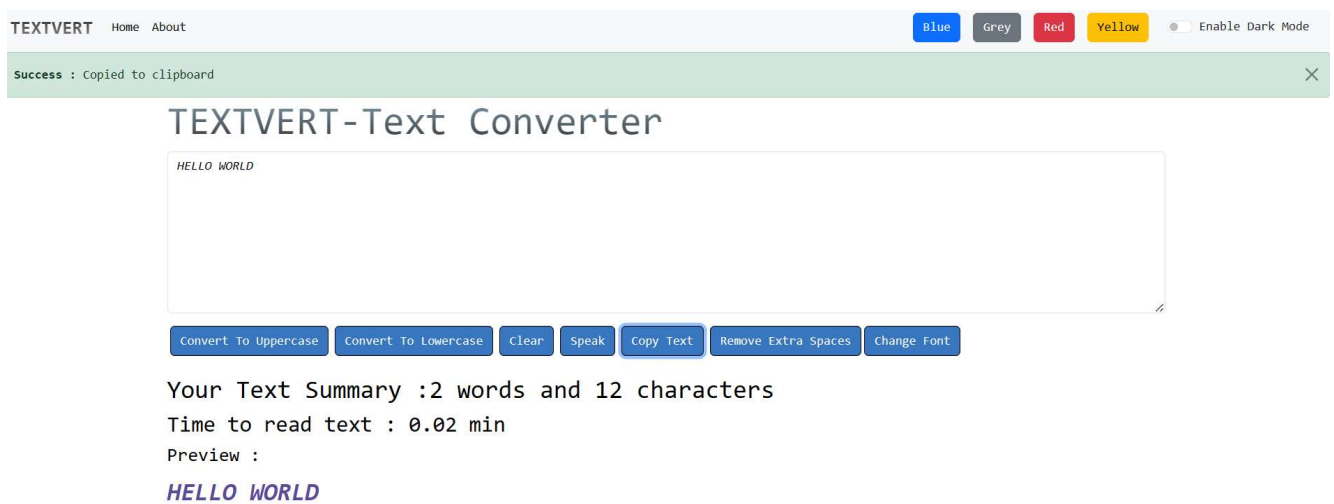




Folder Structure

The 'components' folder contains various components that are used to build the user interface and functionality of the application. Here I divided my app into navbar, textform and about .

React Video Player



A React text converter app is a useful tool for content creators, writers, and anyone needing to convert text from one format to another while maintaining a real-time preview and user-friendly experience. It can be further enhanced by adding additional text format conversion options and improving the app's user interface.

Conclusion

The Text Converter App, built with React, provides a user-friendly way to convert text between various formats. Its real-time preview and copy-to-clipboard functionality make it a useful tool for content creators and writers. With potential future enhancements, it can become even more versatile and user-centric.