MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR
(A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV, Bhopal)

Project Report

on

Text-Utils a text editor

A project report submitted in partial fulfilment of the requirement for the degree of

BACHELOR OF TECHNOLOGY

in

COMPUTER SCIENCE AND ENGINEERING

Submitted by:

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Faculty Mentor:

Mr. Mir Shahnawaz Ahmad

Assistant Professor, Computer Science and Engineering

Submitted to:

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE
GWALIOR - 474005 (MP) est. 1957

MAY-JUNE 2022

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CERTIFICATE

This is certified that **Sameer Khan** (0901CS191106) has submitted the project report titled **Text-Utils a text Editor** under the mentorship of **Mr. Mir Shahnawaz Ahmad,** in partial fulfilment of the requirement for the award of degree of Bachelor of Technology in Computer Science and Engineering from Madhav Institute of Technology and Science, Gwalior.

09/05/22

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MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

(A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV, Bhopal)

DECLARATION

We hereby declare that the work being presented in this project report, for the partial fulfilment of requirement for the award of the degree of Bachelor of Technology in Computer Science and Engineering at Madhav Institute of Technology & Science, Gwalior is an authenticated and original record of my work under the mentorship of **Mr. Mir Shahnawaz Ahmad**, **Assistant Professor**, Computer Science and Engineering.

We declare that we have not submitted the matter embodied in this report for the award of anydegree or diploma anywhere else.

Sameer Khan
0901CS191106
3rd Year
Computer Science
and Engineering

Abstract

The word "text" means the written part of books, journal, newspaper, etc.(not the pictures, videos etc). The text-utils is the text editor website in which you can change your text format as you want. In this website you can also change your text fonts and many more things like change your complete text into upper case or lower case, copy your text and change your complete text first letter into capital letter.

Lkkj :- "पाठ्य" शब्द का अर्थ है पुस्तकों, पत्रिका, समाचार पत्र आदि का लिखित भाग (चित्र, वीडियो आदि नहीं)।
टेक्स्ट-बर्तन टेक्स्ट एडिटर वेबसाइट है जिसमें आप अपने टेक्स्ट फॉर्मेट को अपनी इच्छानुसार बदल सकते हैं। इस वेबसाइट में आप अपने टेक्स्ट फोंट और कई अन्य चीजें भी बदल सकते हैं जैसे अपने पूरे टेक्स्ट को अपर केस या लोअर केस में बदलना, अपने टेक्स्ट को कॉपी करना और अपना पूरा टेक्स्ट पहले अक्षर को बड़े अक्षर में बदलना

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1. INTODUCTION TO TEXT-UTILS WEBSITE

"Text-Utils" is the utility website in which you can change your text format as you can want. You can change text fonts, if more than one spacing in your paragraph occur than you can remove you can change your complete text into upper case or lower case , you can remove all the text if you want.
This website helps you to modify your text as you want if you have a paragraph and you found that it has a lot of mistake or you want to change your complete text fonts in short time than you can use this website.
Features implemented in this project:-

i. Dark-Mode:- in this website I am implemented a unique dark-Mode which makes a beautiful UI of our website.
ii. Convert to UPPER case:- in this website we provide a facility to change your complete text into upper case.
iii. Convert to lower case:- as you can convert your text to upper case we provide a facility to convert your text to lower case also.
iv. Remove text:- if you want to remove your complete text you can also do this with the help of this website.
v. Remove extra spaces:- if your text have more than one spacing between words than you can also remove this.
vi. Preview text:- you can preview your text also.
vii. Word counts:- if you want to know that how many words your text have than you can also know that.

2. SOFTWARE AND HARDWARE REQUIREMENT

2.1. Programming language :-

For making this project we can use html, css and javascript and also a library of javascript react.js in logic building.

2.2. Software use:-
Visual studio code and also use notepad++ also a browser chrome or bing through which you browse it also use bootstrap.

2.3. Hardware requirement:-
1.6 Ghz or fast processor
1 GB of RAM
Plateforms
OS X 1EI capitan(10.11+)
Windows 7(with .NET Framework 4.5.2), 8.0, 8.1 and 10, 11 (32-bit and 64-bit)
Linux(Debiun): Ubuntu Desktop 16.04, Debian 9
Linux(Red hat): red hat enterprise Linux 7, CentOS 8, Fedora 24.

3. BOOTSTRAP

Bootstrap is a free and open source front end development framework for the creation of websites and web apps. The Bootstrap framework is built on HTML, CSS, and JavaScript (JS) to facilitate the development of responsive, mobile-first sites and apps.

Responsive design makes it possible for a web page or app to detect the visitor's screen size and orientation and automatically adapt the display accordingly; the mobile first approach assumes that smartphones, tablets and task-specific Mobile apps are employees' primary tools for getting

work done and addresses the requirements of those technologies in design.

Bootstrap includes user interface components, layouts and JS tools along with the framework for implementation. The software is available precompiled or as source code.

Mark Otto and Jacob Thornton developed Bootstrap at Twitter as a means of improving the consistency of tools used on the site and reducing maintenance. The software was formerly known as Twitter Blueprint and is sometimes referred to as Twitter Bootstrap.

In computers, the word bootstrap means to boot: to load a program into a computer using a much smaller initial program to load in the desired program (which is usually an operating system).

In the physical world, a bootstrap is a small strap or loop at the back of a leather boot that enables you to pull the entire boot on and in general usage, bootstrapping is the leveraging of a small initial effort into something larger and more significant. There is also a common expression, "pulling yourself up by your own bootstraps," meaning to leverage yourself to success from a small beginning.

4. ABOUT JAVASCRIPT

Javascript is used by programmers across the world to create dynamic and interactive web content like

applications and browsers. JavaScript is so popular that it's the most used programming language in the world, used as a client-side programming language by **97.0% of all websites**. Client-side languages are those whose action takes place on the user's computer, rather than on the server.

JavaScript is versatile enough to be used for a variety of different applications, like software, hardware controls, and servers. JavaScript is most known for being a web-based language, because it's native to the web browser. The web browser can naturally understand the language, like how a native English speaker can naturally understand English.

JavaScript has evolved over the past 25 years to become a versatile and accessible programming language for working with web browsers. Developers use JavaScript to build complex interactive websites and browser games, and to connect servers to websites and web applications. Because of this versatility, it's easy to see why this language is the most commonly used programming language in the world.

5. ABOUT REACT.JS

i. React.js is an open-source JavaScript library that is used for building user interfaces specifically for single-page applications. It's used for handling the view layer for web and mobile apps. React also allows us to create

reusable UI components. React was first created by Jordan Walke, a software engineer working for Facebook. React first deployed on Facebook's newsfeed in 2011 and on Instagram.com in 2012.

ii. React allows developers to create large web applications that can change data, without reloading the page. The main purpose of React is to be fast, scalable, and simple. It works only on user interfaces in the application. This corresponds to the view in the MVC template. It can be used with a combination of other JavaScript libraries or frameworks, such as Angular JS in MVC.

iii. React JS is also called simply to React or React.js.

5.1. JSX

React, instead of using regular JavaScript for templating, it es JSX. JSX is a simple JavaScript that allows HTML quoting d uses these HTML tag syntax to render subcomponents. TML syntax is processed into JavaScript calls of React amework. We can also write in pure old JavaScript.

6. ABOUT HTML

HTML stands for Hypertext Markup Language, and it is the most widely used language to write Web Pages.

- **Hypertext** refers to the way in which Web pages (HTML documents) are linked together. Thus, the link available on a webpage is called Hypertext.
- As its name suggests, HTML is a **Markup Language** which means you use HTML to simply "mark-up" a text document with tags that tell a Web browser how to structure it to display.

ii. Originally, HTML was developed with the intent of defining the structure of documents like headings, paragraphs, lists, and so forth to facilitate the sharing of scientific information between researchers.

iii. Now, HTML is being widely used to format web pages with the help of different tags available in HTML language.

6.1. HTML Tags

As told earlier, HTML is a markup language and makes use of various tags to format the content. These tags are enclosed within angle braces **<Tag Name>**. Except few tags, most of the tags have their corresponding closing tags. For example, **<html>** has its closing tag **</html>** and **<body>** tag has its closing tag **</body>** tag etc.

7. ABOUT CSS

i. **Cascading Style Sheets (CSS)** is a style sheet language used for describing the presentation of a document written in a markup language such

as HTML. CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript.

CSS is designed to enable the separation of presentation and content, including layout, colors, and fonts. This separation can improve content accessibility; provide more flexibility and control in the specification of presentation characteristics; enable multiple web pages to share formatting by specifying the relevant CSS in a separate .css file, which reduces complexity and repetition in the structural content; and enable the .css file to be cached to improve the page load speed between the pages that share the file and its formatting.

- Separation of formatting and content also makes it feasible to present the same markup page in different styles for different rendering methods, such as on-screen, in print, by voice (via speech-based browser or screen reader), and on Braille-based tactile devices. CSS also has rules for alternate formatting if the content is accessed on a mobile device.
- The name *cascading* comes from the specified priority scheme to determine which style rule applies if more than one rule matches a particular element. This cascading priority scheme is predictable.

CSS has a simple syntax and uses a number of English keywords to specify the names of various style properties.

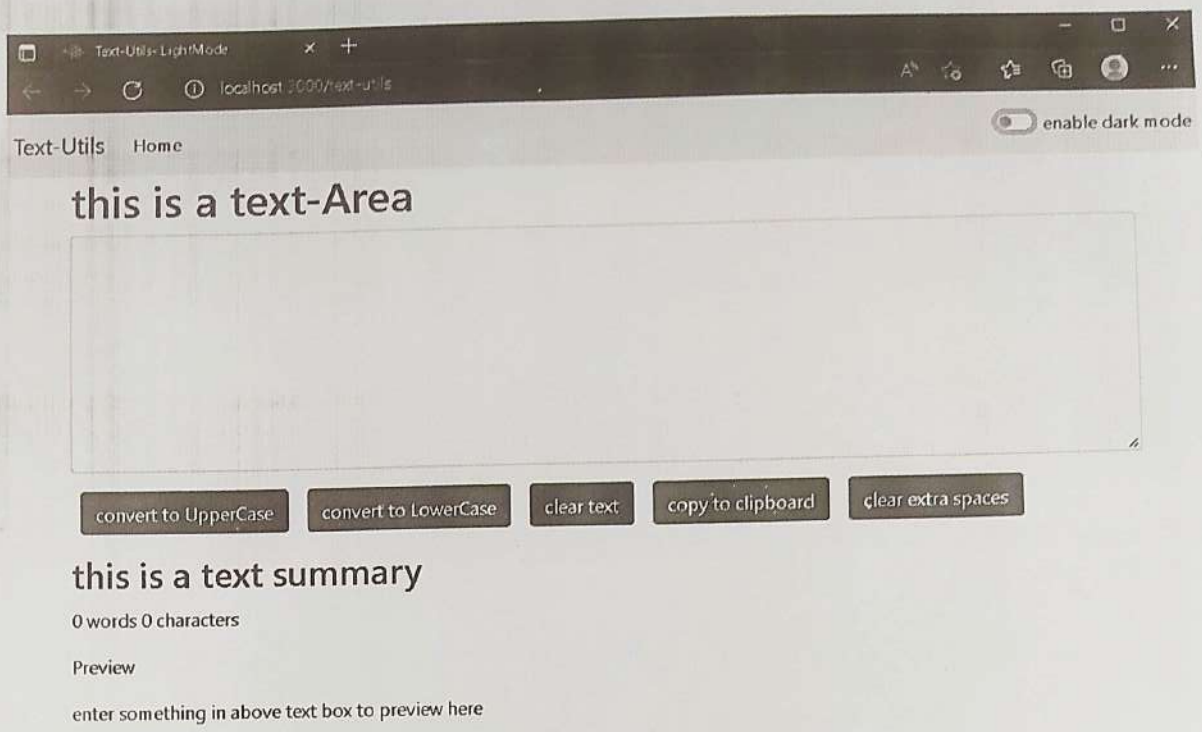
- A style sheet consists of a list of *rules*. Each rule or rule-set consists of one or more *selectors*, and a *declaration block*.

8.About Visual Studio Code

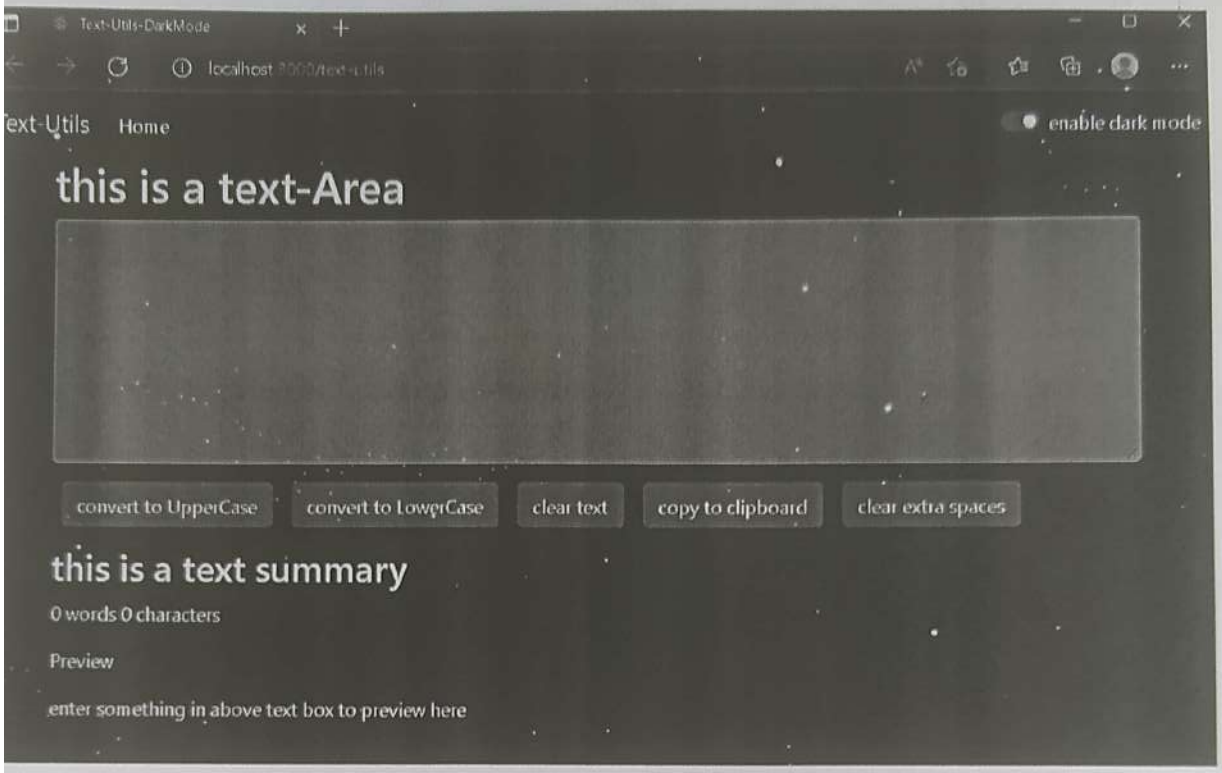
Visual Studio Code is a Source code editor made by Microsoft for windows, Linux and MacOS. Features include support for debugging, syntax highlighting, intelligent code completion, snippets, code refactoring, and embedded Git. Users can change the theme, keyboard shortcut, preferences, and install extensions that add additional functionality.

9.Images :-

9.1. Light mode :-


Text-Utils-LightMode
localhost 3000/text-utils
Text-Utils
Home
enable dark mode
this is a text-Area
convert to UpperCase
convert to LowerCase
clear text
copy to clipboard
clear extra spaces
this is a text summary
0 words 0 characters
Preview
enter something in above text box to preview here

9.2. Dark Mode :-


Text-Utils-DarkMode
localhost
Text-Utils
Home
enable dark mode
this is a text-Area
convert to UpperCase
convert to LowerCase
clear text
copy to clipboard
clear extra spaces
this is a text summary
0 words 0 characters
Preview
enter something in above text box to preview here