Digital Portfolio

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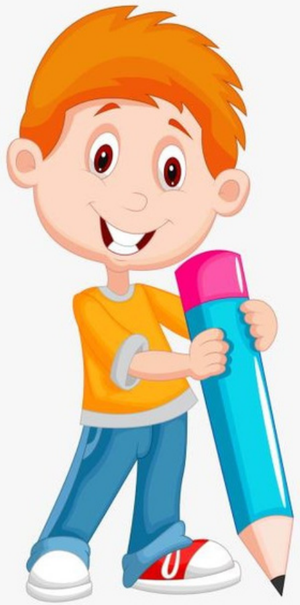
PROJECT TITLE

TEMPERATURE CONVERTER

AGENDA

1. Problem Statement
2. Project Overview
3. End Users
4. Tools and Technologies
5. Portfolio design and Layout
6. Features and Functionality
7. Results and Screenshots
8. Conclusion
9. Github Link

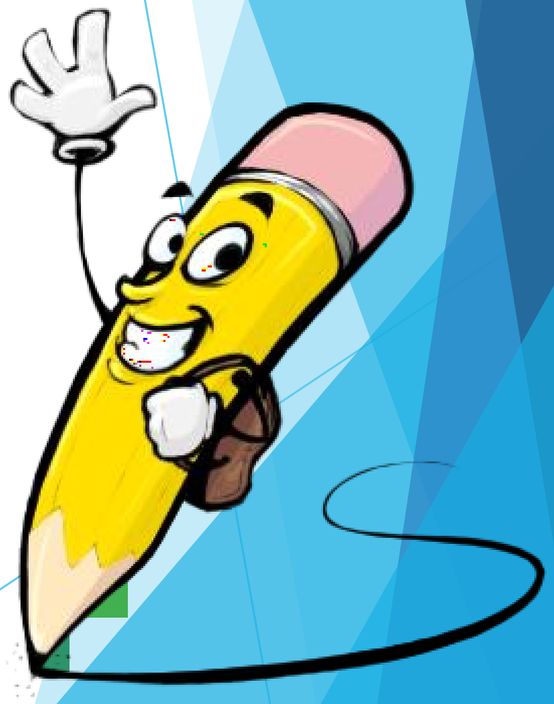


PROBLEM STATEMENT

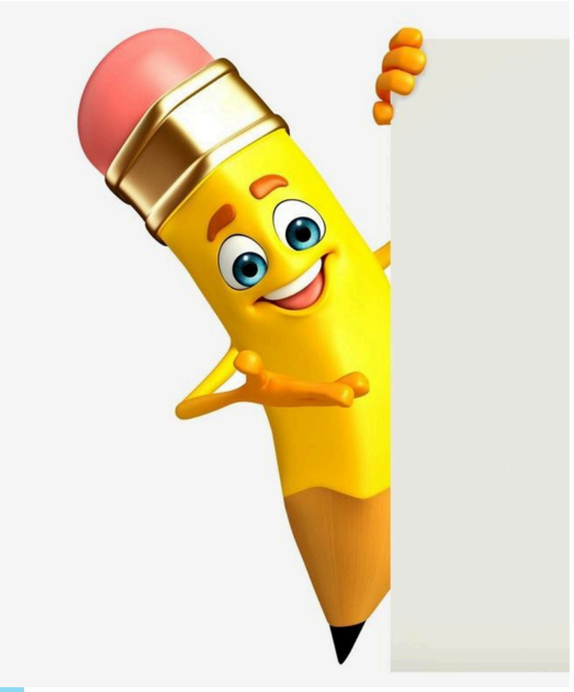
To design and implement a responsive and interactive Temperature Converter Web Application that allows users to convert temperature values between Celsius (°C), Fahrenheit (°F), and Kelvin (K) using HTML, CSS (with Tailwind CSS), and JavaScript.

PROJECT OVERVIEW

The Temperature Converter is a simple, interactive web application built using HTML, Tailwind CSS, and JavaScript. It is designed as a mini-project to demonstrate fundamental web development skills and provide a practical tool for users to convert temperatures across three commonly used units: Celsius (°C), Fahrenheit (°F), and Kelvin (K).



TOOLS AND TECHNIQUES



The development of the Temperature Converter Web Application involved a combination of front-end web technologies and modern design tools. These tools and techniques were selected to create a responsive, user-friendly, and functional web application with minimal complexity.

WHO ARE THE END USERS?

The Temperature Converter Web Application is designed for a broad range of users who require quick and accurate temperature conversions. It serves both educational and practical purposes, making it useful in various scenarios.

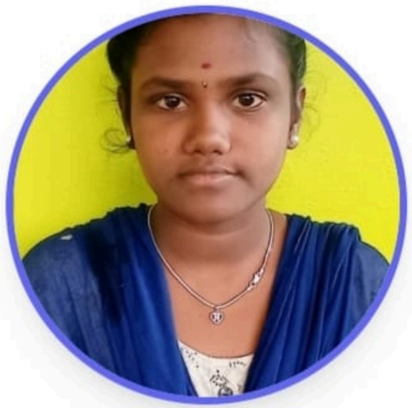
TEMPERATURE CONVERTER DESIGN AND LAYOUT

The Temperature Converter is a standalone web-based tool designed to allow users to convert temperature values between Celsius (°C), Fahrenheit (°F), and Kelvin (K). It is integrated as the final project section in the personal portfolio website of A. Keerthika, showcasing practical front-end development skills using HTML, Tailwind CSS, and JavaScript.

FEATURES AND FUNCTIONALITY

The Temperature Converter Web Application, created as part of the portfolio of A. Keerthika, demonstrates fundamental web development skills. The application provides a simple, responsive interface for users to convert temperature values between Celsius, Fahrenheit, and Kelvin.

RESULTS AND SCREENSHOTS



Hello, I'm
KEERTHIKA A !

Final Project by A.Keerthika: Temperature Converter

?? Temperature Converter

Enter temperature

Celsius (°C)

Convert

CONCLUSION

The Temperature Converter Web Application is a simple yet effective tool that demonstrates the practical application of core web development technologies — HTML, CSS (Tailwind CSS), and JavaScript. This project allowed the implementation of user input handling, real-time data processing, and responsive UI design.