A black background with text and a picture of a person

AI-generated content may be incorrect. A black and white logo

AI-generated content may be incorrect.

**9530**

**St.MOTHER THERESA ENGINEERING COLLEGE**

COMPUTER SCIENCE ENGINEERING

**NM-ID**: 44c524861eaf320982847e4447815cb6

**REG NO**: 953023104133

**DATE**:22-09-2025

**Completed the project named as**

**Phase 3**

FRONT END TECHNOLOGY

**CHAT APPLICATION UI**

**SUBMITTED BY,**

A.vignesh babu

9384947016

**CHAT APPLICATION UI**

**College Project Report**

**Objective**

**To design a simple Chat Application User Interface where users can send and receive messages.**

**The project demonstrates the use of HTML, CSS, and JavaScript to create an interactive and**

**user-friendly chat layout.**

**Tools & Technologies**

**1. HTML5 – Chat structure**

**2. CSS3 – Styling and responsive design**

**3. JavaScript – Message handling**

**4. Browser – Execution platform**

**System Requirements**

**Hardware: 2 GB RAM, 1 GHz Processor**

**Software: Windows/Linux/macOS, Any Browser, Text Editor**

**Project Description**

**This chat application UI has:**

**1. Header → Chat application title.**

**2. Chat Window → Displays sent and received messages.**

**3. Input Box → Allows user to type and send messages.**

**4. Send Button → To post the message instantly.**

**Features**

**1. Real-time like message sending (on UI).**

**2. Different alignment for sender and receiver messages.**

**3. Simple and responsive design.**

**4. Easy to extend into a full-fledged chat application with backend.**

**Advantages**

**1. Provides clear structure for chat apps.**

**2. Easy to use and extend.**

**3. Works in any modern browser.**

**Future Enhancements**

**1. Add backend support for real-time communication (Node.js, Firebase).**

**2. Add user authentication.**

**3. Add multimedia sharing (images, videos).**

**4. Add notifications.**

**Conclusion**

**This project demonstrates a basic Chat Application UI with frontend technologies. It provides a**

**strong foundation for creating real-time communication platforms.**