

THINKSYNC: A COLLABORATIVE GROUP CHAT PLATFORM WITH INTEGRATED AI

Problem Statement

In a rapidly advancing digital world, real-time communication and collaboration are essential for teamwork and project development. Existing chat applications often lack advanced features such as integrated AI support for instant assistance or the ability to directly generate and execute code in a collaborative environment. This results in inefficient workflows, as users have to switch between multiple tools for communication, coding, and AI-driven problem-solving.

Solution

This project aims to develop a **Group Chat Web Application with Integrated AI** that allows users to:

1. Collaborate in real-time through group chats.
2. Leverage AI for answering questions, generating code snippets, and providing on-the-fly assistance.
3. Dynamically create, deploy, and execute Node.js servers directly within the chat interface.

By integrating communication, AI-driven assistance, and live coding features in a single platform, this application will improve productivity and enhance collaborative problem-solving for developers and other user groups.

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