DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Class /Sem : III yr /06   **Date:** 24/01/2026

Batch : C14   **Project Guide:** Dr.Y.Baby Kalpana Prof/CSE

Project Title : DevSphere

Team Members:

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Abstract :

        DevSphere is an innovative MERN stack platform designed to revolutionize collaborative coding by enabling multiple developers to work together in real-time, similar to Google Docs, while coding. It features a multi-user code editor with live cursor tracking, conflict-free editing, and support for popular programming languages like JavaScript, Python, HTML/CSS, and Java. Integrated AI-driven debugging provides instant error detection, suggested fixes, code explanations, and performance optimization tips, helping developers write cleaner, more efficient code. Additionally, DevSphere includes project management tools such as a file tree, cloud storage, Git integration, and the ability to export projects to GitHub, creating a seamless and intelligent collaborative development environment.

Modules:
          Module 1: Real-Time Code Editor
          Module 2: AI Debugging Assistant
          Module 3: Room Management
          Module 4: Live Chat & Communication
          Module 5: Project Management

Project Progress on 24/01/2026:
          Title has been finalized

Project Plan for 31/01/2026:
          To decide the project overflow and start working on the project

PROJECT GUIDE   CLASS ADVISOR   HOD