# MAHATMA GANDHI MISSION'S COLLEGE OF ENGINEERING, NANDED

## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

**Real-time collaboration tool for remote teams, featuring chat, video conferencing, and document editing.**

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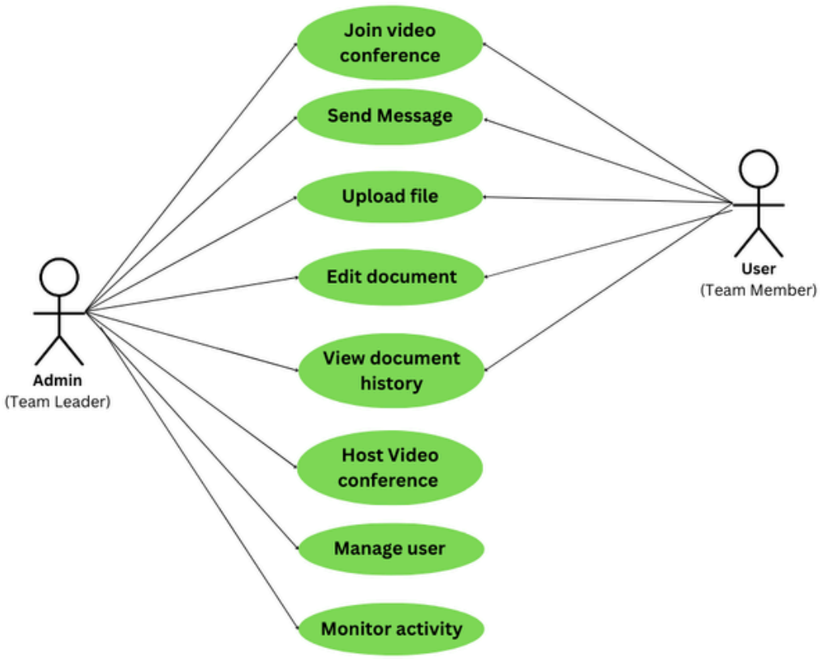
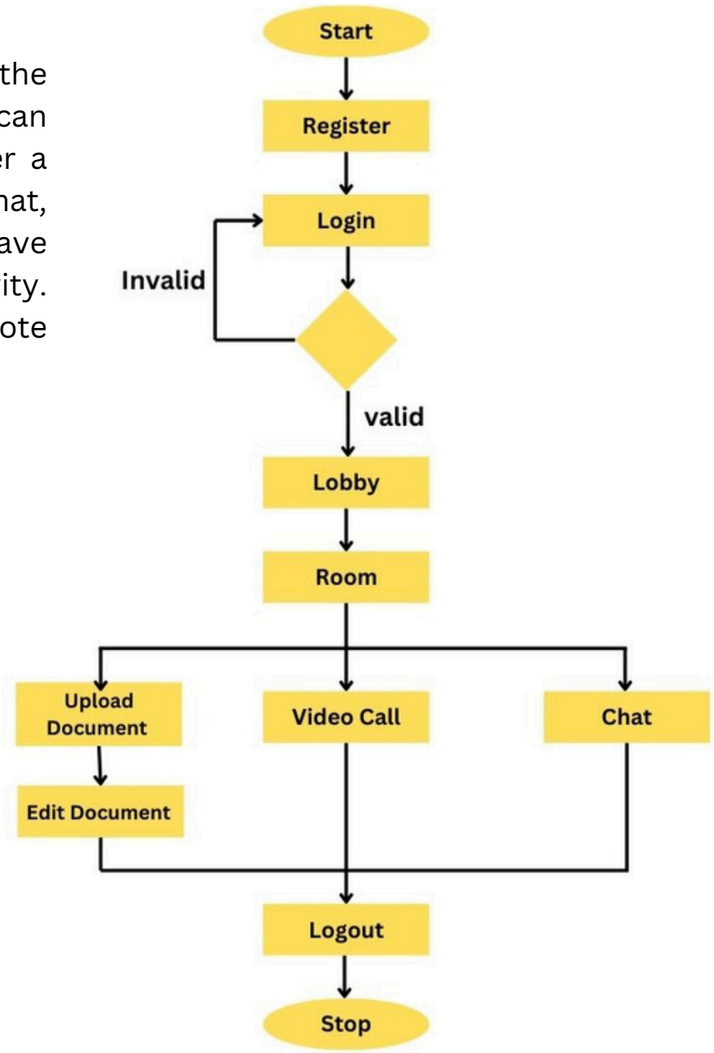
**Introduction :** In today's digital age, remote work has become the norm for many organizations. However, maintaining effective communication and collaboration can be challenging when team members are spread across different locations. Our project addresses this need by providing a comprehensive real-time collaboration tool designed specifically for remote teams. This tool combines chat, video conferencing, and document editing into one seamless platform, enhancing productivity and making collaboration effortless.

### System Architecture :

The provided flowcharts and use case diagrams illustrate the functionality of a document collaboration tool. Users can register or log in to the system, join a lobby, and enter a room. Within a room, they can engage in video calls, chat, upload and edit documents collaboratively. Admins have additional privileges to manage users and monitor activity. This tool facilitates real-time collaboration among remote teams.




### Methodology :

We follow an Agile approach to develop the real-time collaboration tool, ensuring flexibility and quick adaptation. Key phases include:


This methodology ensures rapid, efficient development with continuous optimization for remote team success.

**Conclusion:** This real-time collaboration tool streamlines remote work by combining chat, video conferencing, and document editing. Developed using Agile methodology, it enhances team communication and productivity, with a commitment to continuous improvement for future needs.

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