

[SAGNIK ROY]

[500109927]

[Team Red]

20/02/24

Topic →

Online Task Management System

I] Requirement Analysis:

- User-Friendly Interface: The system must feature an intuitive and user friendly interface, ensuring effortless task management through clear navigation, concise labelling and visually appealing design.
- Task Assignment: User should be able to assign task to specific individuals and monitor their progress until completion.
- Collaboration: The system must facilitate seamless collaboration among user, allowing for real time updates, communication and sharing of files and comments.
- Reminders and Notification: A strong and powerful notification system should be in place to alert users of upcoming tasks and deadline, leveraging email notifications, pop-up reminders or both.
- Reporting: Managers require a comprehensive reporting module to generate insights on task completion rates, time tracking & overall team performance aiding in productivity assessment and identifying areas for enhancement.
- User Authentication: Implementing a secure user authentication and authorisation mechanism is crucial to safeguard sensitive task related information & ensure that only authorized users have access.

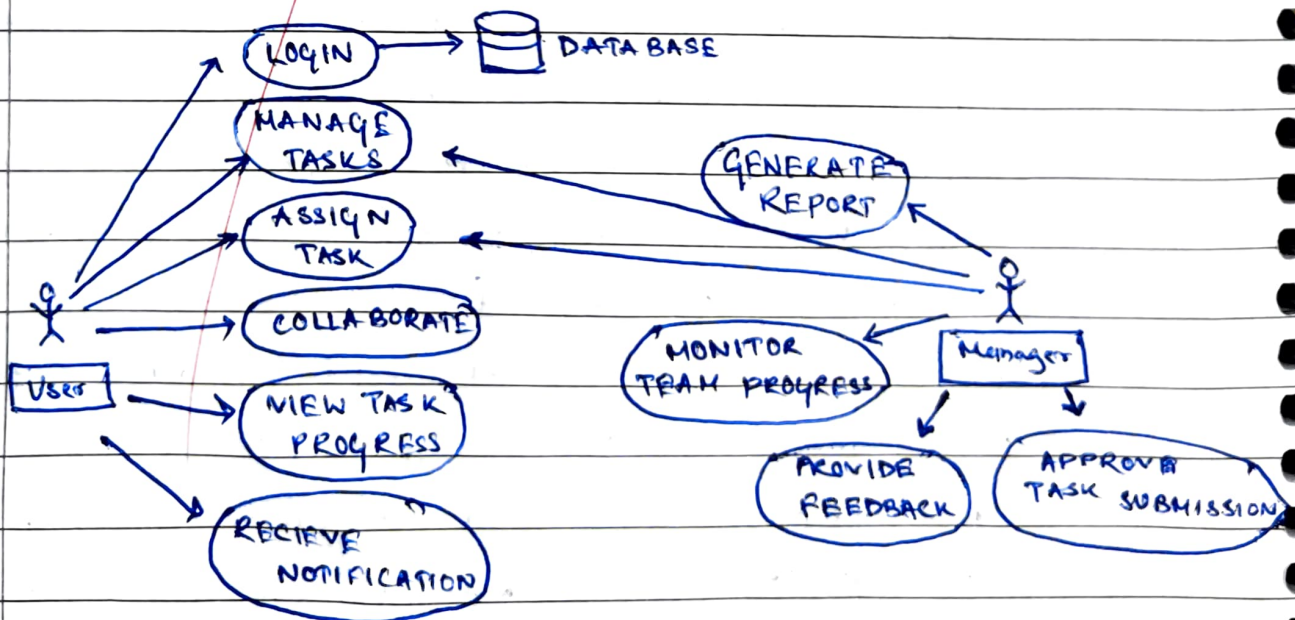
- Task Management Features: Users should have the ability to create, edit and delete tasks.
- Mobile Responsiveness: The system must be accessible across various devices allowing user to conveniently manage tasks on the go.
- Data Security & Privacy: Ensuring the security & privacy of user data is necessary, requiring measures to protect sensitive information.

II] USE CASE DIAGRAM

II.i] Actors

→ User

→ Manager



III] DFD Diagram

III.1) Level 0 →



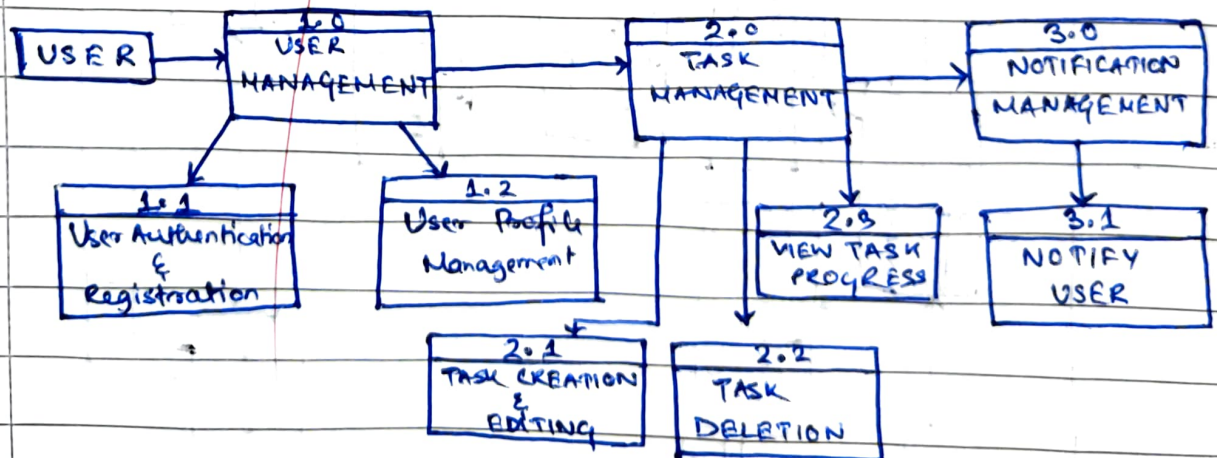
Entity - Online Task Management System or USER (here)

Processes - ① ~~Task~~ Management - Handles processes related to creating, editing and deleting tasks

② User Management - Handles processes related to ~~managing~~ user authentication, registration & profile management.

③ Notification Management - Manages processes related to sending notification for task assignment, update & deadline.

III.2) Level 1 →



III.2) Level 2 DFD →

