Project Management System

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1. Problem Statement

Plan, execute, and track projects of any size.
Easily assign tasks and prioritize what's most important to your team. Set project timelines and milestones, track progress, and manage your team's entire workload all in one place

2. Functional Specification

1) Task Management Create task lists with easy-to-use checklists
- View and add details for each task.
- Comment on any step of a task (or multiple steps at once).
- Set reminders for yourself or others on specific dates and times.
- Tag tasks with keywords so that they are easier to find later on.

2) Time Tracking: time tracking feature is one of its best-kept secrets. You can use it to track the time you spend on tasks and projects, emails, calls and so much more. This is an extremely powerful feature that helps you track your work hours and bill clients accordingly.

3) Project Scheduling : You can schedule tasks and projects at the same time. A schedule is a list of all your tasks and projects, organized by date and time. When you create a task, it will automatically be added to your schedule. You can view your entire project over the course of days, weeks, or months in one place!

4) Add Employee to project:
Make sure every project has a minimum 5 employees and every employee can be assigned to a maximum of 3 projects at a time.

5) Reporting: allows you to create detailed reports that provide a clear picture of how the

resources are being utilized, what is the progress of the project, and streamline the data you need for a specific set of milestones.

3. Technical Specification:

- Store all details in comma separated file
  Main Menu:
    a) Login
    b) Register

Employee: Employee can login and check his project details, how many projects he is assigned its end date his co-workers, etc

Manager: He needs to take care of adding employees to projects.
delete project, remove employee from project.
When the project is completed, assign its status as closed and .
Adding report after meeting, calls, etc

- Load data in a linked list to store all details and later write in a file.
- Date validation:
        Check while entering details (e.g.: email id must contain @, phone number length must be 10, pan number should be unique, digits are not allowed in the name field)