

Team 013-3

Team name: Task Managers

Application Name: The Task Manager

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#### Meeting Times:

- Scheduling scheduling
- Tuesday virtual 10am
- Thursday 4pm

- Interactive “smart” task manager
- Trying to minimize user input
- Rank tasks based on importance?
- Have dependencies for tasks?
- Find a way to link canvas and our task manager
- Automatic uploads from canvas to the task manager?
- Attendance system like duolingo
- Track points for attendance/completion of tasks, have a leaderboard for points
- If category is school
  - Assign to specific class
- See if canvas can link data to our app
- Carousell
  - Expanded view

#### 5. Application Description:

The task manager will be a user friendly task managing interface. Tasks can be entered by a user with dependent tasks below it. This way tasks can be completed in a preferable order defined by the user. Entered tasks will have some sort of priority assigned to them along with due dates to help organization. Depending on the priority and time remaining the manager will display the most important tasks first. It can also have a calendar page which organizes tasks

solely based on due date. Task dependencies can have soft due dates if the user wishes to structure their progress.

The main draw of our task management system is it will have a reward system based on task completion and daily streaks of staying organized. Users will be rewarded with points on task completion and daily logins. Users can be ranked by points on a leaderboard. Another main draw will be an intuitive interface that encourages users to complete task dependencies.

Depending on feasibility, the manager will pull data from the user's canvas page, filling tasks with assignments automatically. The user can then add dependencies and subtasks to these tasks to organize their schoolwork.

## **6. Audience:**

The application is designed towards students and people who generally struggle with organization and maintaining a steady workflow. For those who lack incentives for doing work or are overwhelmed by trying to organize their tasks, this application provides an intuitive system for scheduling their days.

## **7. Vision Statement:**

For College Students and people Who struggle to keep an organized schedule. The Task Manager by Task Managers is a task manager that gives incentive to complete tasks. Unlike Todolist, our product provides positive feedback to encourage forming habits.

Discord: <https://discord.gg/xBBDBmJH>

## **9. Development Methodology**

- Option 1: Sprints, 2-week periods, so we have two sprints.
  - Sprint 1: Focus on core functionality(importing tasks, importance, add tasks, basic UI)
  - Sprint 2: Peripheral Features(reward system, upgrading calendar UI)
  - At the end of each sprint, discuss what worked, what didn't
  - At meetings the team discusses blockers, what's next and what is being worked on currently.
- Option 2: Kanban boards, visual representation of tasks across different stages(To-do, in progress, testing, done)
  - We can use sites such as trello or jira
  - Organize by priority

**Week 1:** Finalize project setup, design wireframes.

**Week 2:** Develop core features and integrate the basic task manager functionalities.

**Week 3:** Add advanced features, perform initial testing, and gather feedback.

**Week 4:** Focus on polishing, bug fixes, and preparing for a beta launch or final presentation.

## 10. Communication Plan:

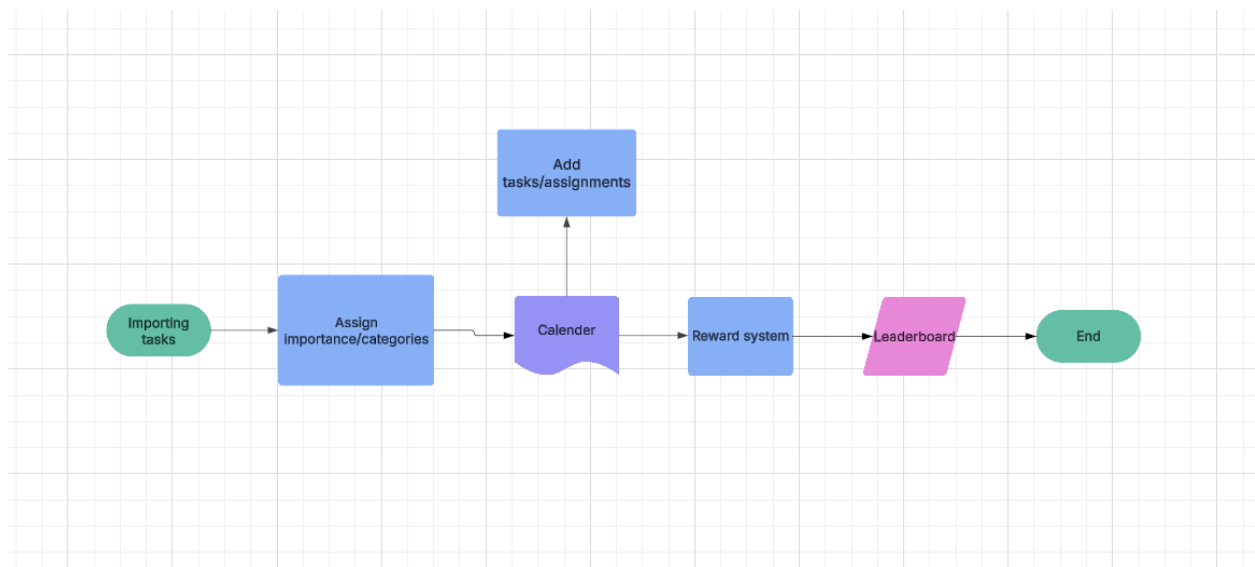
Our team will be using Discord to communicate and will hold our team meetings.

## 11. Meeting Plan:

Tuesday virtual 10am

Thursday 4pm with TA

## 12. Use Case Diagram:



## 13. Wireframes (rough draft)

Home

Home	Calendar	New Task	login
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### Task Manager

<h4>Upcoming:</h4> <ul style="list-style-type: none"> <li>~~~~~</li> <li>~~~~~</li> <li>~~~~~</li> </ul>	<h4>Dailys:</h4> <ul style="list-style-type: none"> <li>~~~~~</li> <li>~~~~~</li> <li>~~~~~</li> </ul>
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## Calendar

Home	Calendar	New Task	login
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Mon	Tues	Wed	Thurs	Fri
10 ~~~~~ 2 ~~~~~ ~~~~~	9 ~~~~~ ~~~~~	7 ~~~~~ ~~~~~ ~~~~~	8 ~~~~~	~~~~~ ~~~~~ ~~~~~

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[Expanded View]

## New Task Modal

Home	Calendar	New Task	login
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### New Task

Type: Work/School/Daily

Due: ~~~~~

Color: ~~~~~

Schotasks:

~~~~~

~~~~~ submit

## Login/Register

|      |          |          |       |
|------|----------|----------|-------|
| Home | Calendar | New Task | login |
|------|----------|----------|-------|

### Login

User name

Pass

register

|      |          |          |       |
|------|----------|----------|-------|
| Home | Calendar | New Task | login |
|------|----------|----------|-------|

### Register

User name

Pass