Project Pitch

# Team RacoonBytes

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# The Problem

1

## Inefficient Time Management

People don’t know how to manage their time as they lack organization in planning tasks.

2

## Need for productivity

There are many distractions on the internet and at home. Therefore, working at home reduces productivity, attention and focus for most

3

## No user-centered Pomodoro Timers

Pomodoro Timers available are cluttered and have too many features. They tend to be distracting and confusing for the user to use, defeating the purpose of the timer itself

# Appetite

## TIME

There are only 5 weeks to complete the execution of the project. Therefore, we plan to implement only the essential features required to create an effective Pomodoro timer

## TOOLS

We are using Vanilla Javascript and HTML/CSS. Hence, we will keep the make of the app simple

## SKILLS

Our team is inexperienced in web-development. We need to learn the technologies as we build the project. Hence, we would like to limit the features implemented.

# Solution:

We only want to implement features that are essential to the Pomodoro Timer

## To-Do List

Users can plan tasks and assign pomos to each task. They can also view the progress made in each task. This will help users manage and plan their time.

## Pomodoro Timer

Uses the Pomodoro Technique (25 minutes of work followed by 5 minutes of break). It is a scientific method to improve focus

## Pomodoro Cycle Tracker

Counts Pomodoro cycles (4 sessions) completed over work on different tasks. A 10-minute break is provided after a cycle. Helps user track time and progress.

## Distraction Button

Counts user's distractions through work sessions. Makes user accountable for productivity, helping them improve their work ethic.

# Risks and Rabbit Holes

- Adding too many features
  - Cluttering the app with multiple features makes it difficult to use. It takes away from the productivity focus of the app
  - There will not be enough time to test out these features in depth. it may fail many test cases. This reduces the functionality and usability of the app.
- Not prioritizing the basic functionality and developing less important features or overcomplicating features
  - The goal of the app is lost.
  - Example: Let's consider the task list
    - Basic: add/edit/delete/complete tasks
    - Extra: Hiding completed tasks, animations for moving tasks around. These features do not help improve time management or productivity. Therefore, they should not be prioritized.
- Integrating everyone's work
  - It is difficult to coordinate in remote environment. Misunderstandings are easy to have. Hence, good communication and thorough planning of the project is required.
  - Coordinating between back-end and front-end. A good architecture diagram needs to be developed.

# No-go’s

## Database & Accounts

Only local storage is required. Setting up accounts would require more time and poses a huge learning Curve

## No Frameworks

Not needed for our application. It is not recommended for beginners in web-development.

## Chrome Extensions

The user only needs one place to track tasks and time for a simplified experience. There is no need to implement the app as an extension on different platforms

# Statement of Purpose

Our purpose is to create a user-centered web application to help users increase focus and productivity. Many existing Pomodoro apps have many features that confuse and distract users. However, our minimalistic app will include only essential features that can maximise the user's productivity. In a time of working from home, we feel that this app can add organization and routine for the user, helping them to be more productive. The timer encourages the user to complete a task under time pressure, helping them focus better on one task at a time.

# User Personas

High School/College Students
Age: 20 Hobbies: Hiking, Gaming
Productivity Tools: Computer, IPad, Planners

Descriptions / Needs:

- Work on different classes and every class have some works due.
- Work / Life balance
- Need to plan schedule so eveything is organized.
- Sometimes procastinate about things

Work-from-home Worker
Age: 34 Hobbies: Movies, Books, Gaming
Productivity Tools: Desktop, Laptop, Emails, Google Docs or PPT, Excel

Descriptions / Needs:

- Need to be productive from distractions at home such as pets and etc.
- Need to join meeting, work on things alone, do phone call or send emails.
- Also need lunch breaks

College Professors
Age: 50 Hobbies: Academics, Cooking, Gaming
Productivity Tools: Computer, Slacks, Emails, VSCode

Descriptions / Needs

- Need to go to different places for classes and come back to office again.
- Hold office hours
- Join research meetings
- Also need to plan things ahead and be productive about things happening.

Older person working from home
Age: 60
Hobbies: walking, listening to music
Productivity tools: Computer, but not tech-savvy

Descriptions / Needs

- Struggling to adapt to working from home, needs to repair his productivity
- Takes time to learn how to navigate websites, needs intuitive interface
- Has declining vision, needs less clutter, not good with small text

# User Personas

Writers / Content Editor
Age: 30 Hobbies: Reading, Movies, Pets
Productivity Tools: Spotify, Google Docs, Word, Website Tools.

Descriptions / Needs:

- It takes months to write a novel or a book. Need to write small pieces everyday.
- The content of webpages can take very long time to write as well.
- Often need some creative ideas or plots.

Graphic Designer
Age: 25 Hobbies: Drawing, Photography, Arts, Movie, Design
Productivity Tools: Procreate, Photoshop, Cameras

Descriptions / Needs:

- Draw things on IPad or paper.
- Sometimes work on Photoshops
- Need creative ideas
- Sometimes have bigger projects to work on as well.

Programmers
Age: 23 Hobbies: Gaming, Biking, Music
Productivity Tools: IDE, Vim, Spotify, Youtube, Stackoverflow

Descriptions / Needs:

- A bug can take a long time to fix and that time is hard to estimate.
- Work on big projects, but starting from small increments.
- Eyes are tired of computer monitor.
- It's not healthy to sit for too long, need breaks.

Elementary School Students
Age: 10 Hobbies: Gaming
Productivity Tools: None

Descriptions / Needs:

- Can be used as introduction to time management.
- Appeals to them, since they have short attention spans.
- Parents / Teachers help with using it.

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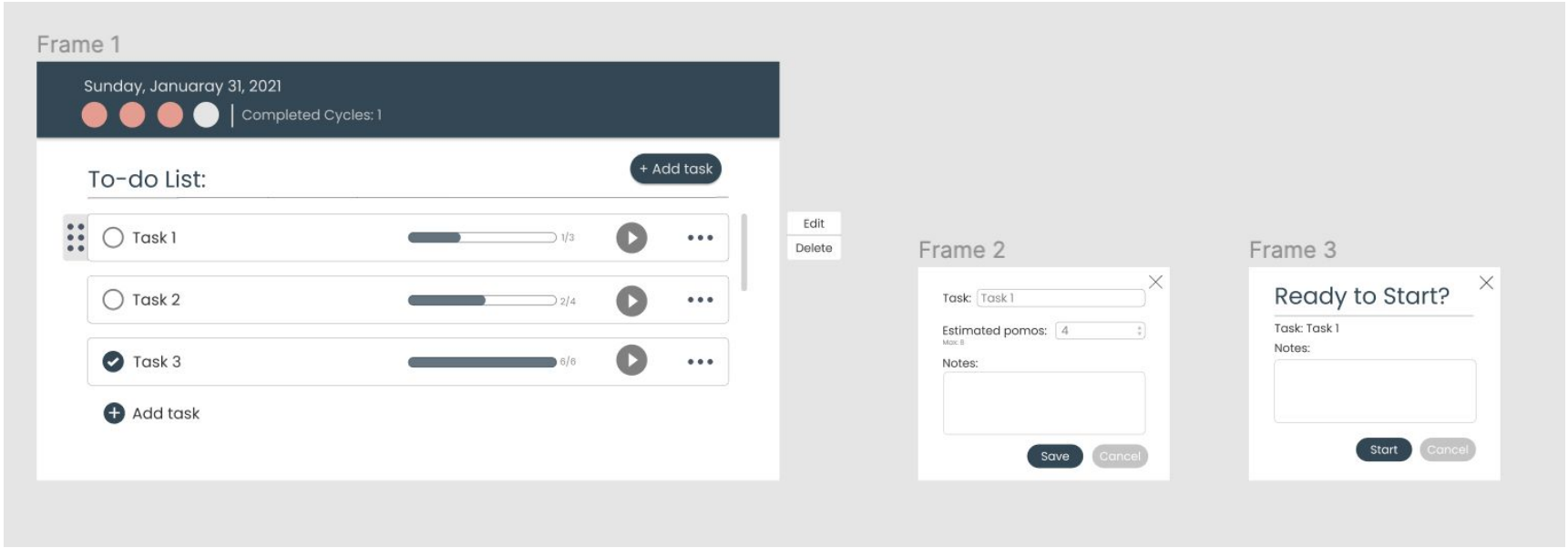
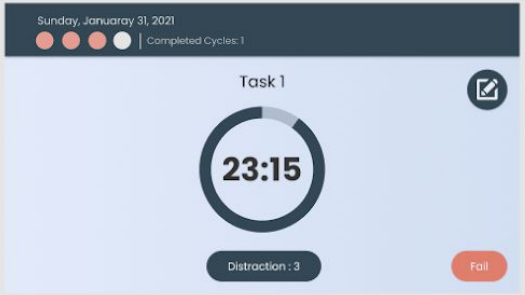
# Figma: Task List Screen & Dialogs

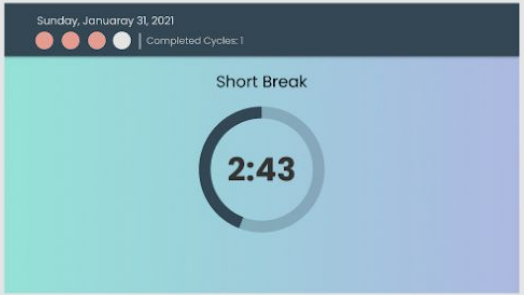


# Figma: Timer Screen & Dialogs

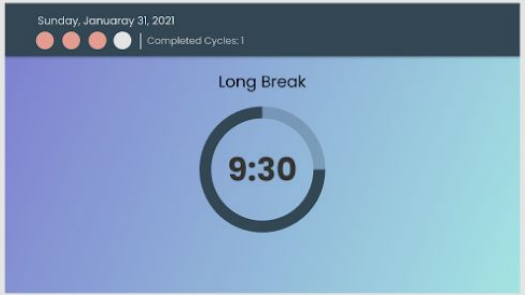
Frame 4




Frame 5




Frame 6

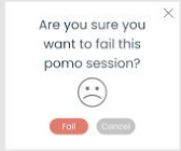



Frame 7

Frame 11

Frame 8

Frame 9



# Color Palette

| Colors of Sky (gradient) | |
|---|---|
| HEX | CFDEF3 |
| RGB | 207, 222, 243 |
| HSB | 215, 15, 95 |
| NAME | Periwinkle Crayola |

| Digital Water (gradient) | |
|---|---|
| HEX | ACB6E5 |
| RGB | 172, 182, 229 |
| HSB | 229, 25, 90 |
| NAME | Maximum Blue Purple |

| Azure Lane (gradient) | |
|---|---|
| HEX | 86A8E7 |
| RGB | 134, 168, 231 |
| HSB | 219, 42, 91 |
| NAME | Little Boy Blue |

| Primary | |
|---|---|
| HEX | 2E4756 |
| RGB | 46, 71, 86 |
| HSB | 203, 47, 34 |
| NAME | Charcoal |

| Accent Light | |
|---|---|
| HEX | F2998E |
| RGB | 242, 153, 142 |
| HSB | 7, 41, 95 |
| NAME | Vivid Tangerine |

| Accent Dark | |
|---|---|
| HEX | EF7869 |
| RGB | 239, 120, 105 |
| HSB | 7, 56, 94 |
| NAME | Salmon |

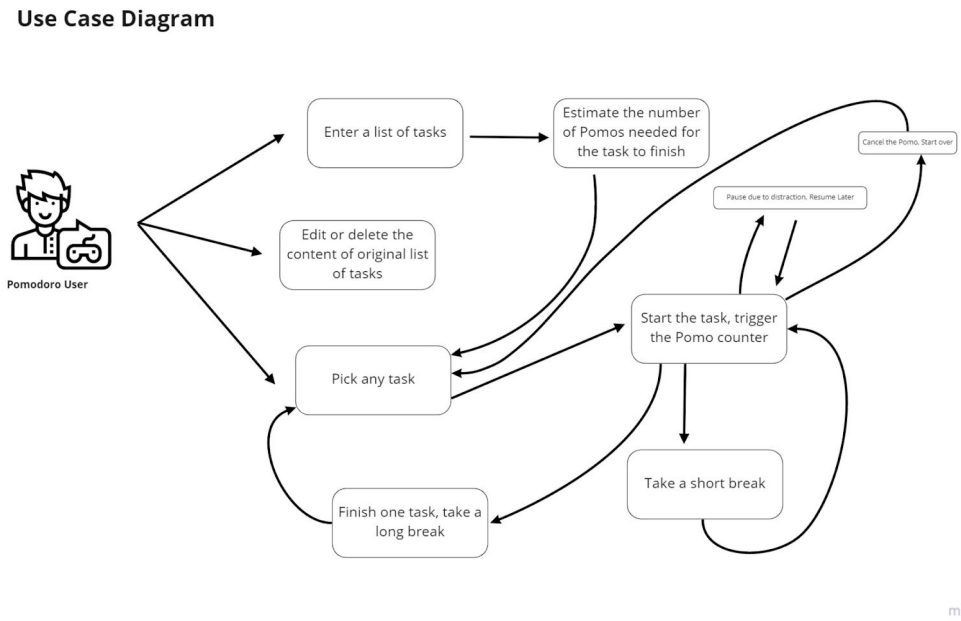
| Dark | |
|---|---|
| HEX | 353535 |
| RGB | 53, 53, 53 |
| HSB | 0, 0, 21 |
| NAME | Jet |

| Medium | |
|---|---|
| HEX | 828282 |
| RGB | 130, 130, 130 |
| HSB | 0, 0, 51 |
| NAME | Gray Web |

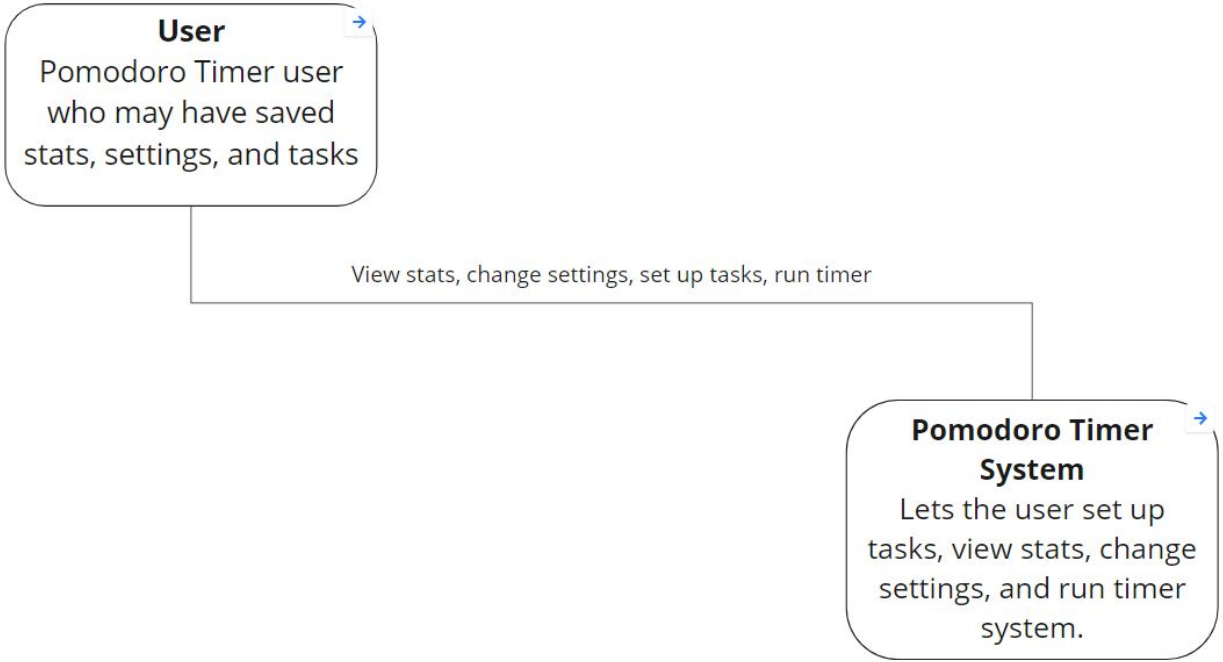
| Medium Light | |
|---|---|
| HEX | C4C4C4 |
| RGB | 196, 196, 196 |
| HSB | 0, 0, 77 |
| NAME | Silver Sand |

| Light | |
|---|---|
| HEX | E5E5E5 |
| RGB | 229, 229, 229 |
| HSB | 0, 0, 90 |
| NAME | Platinum |

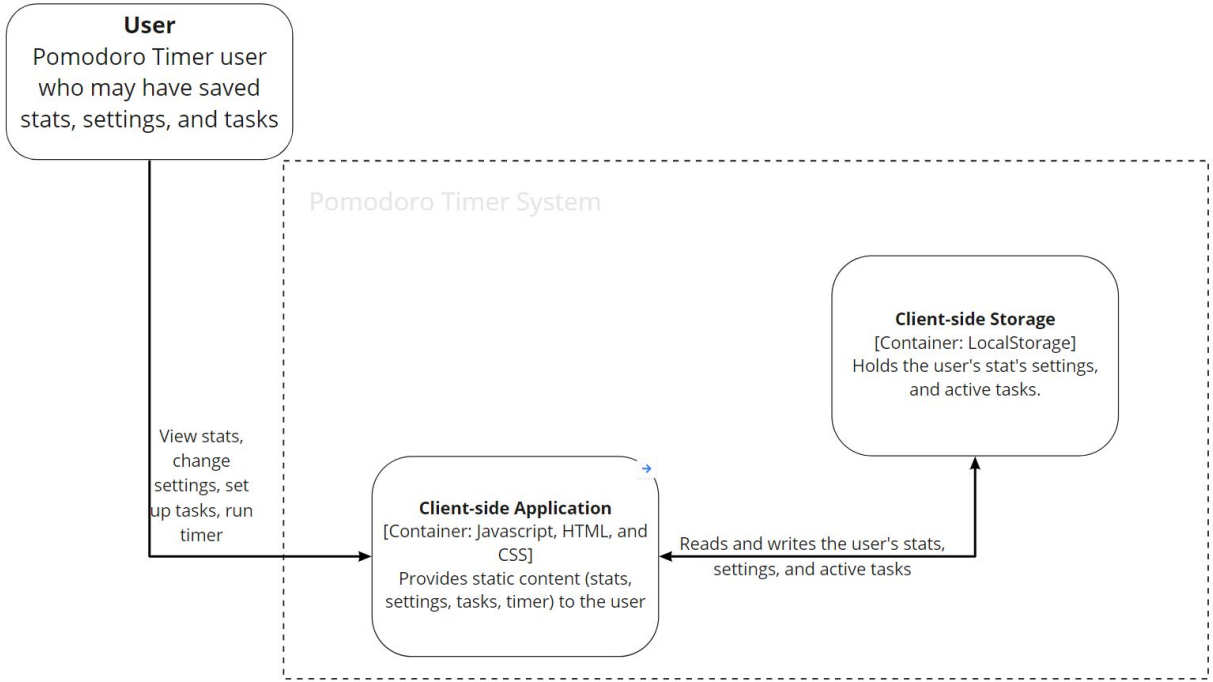
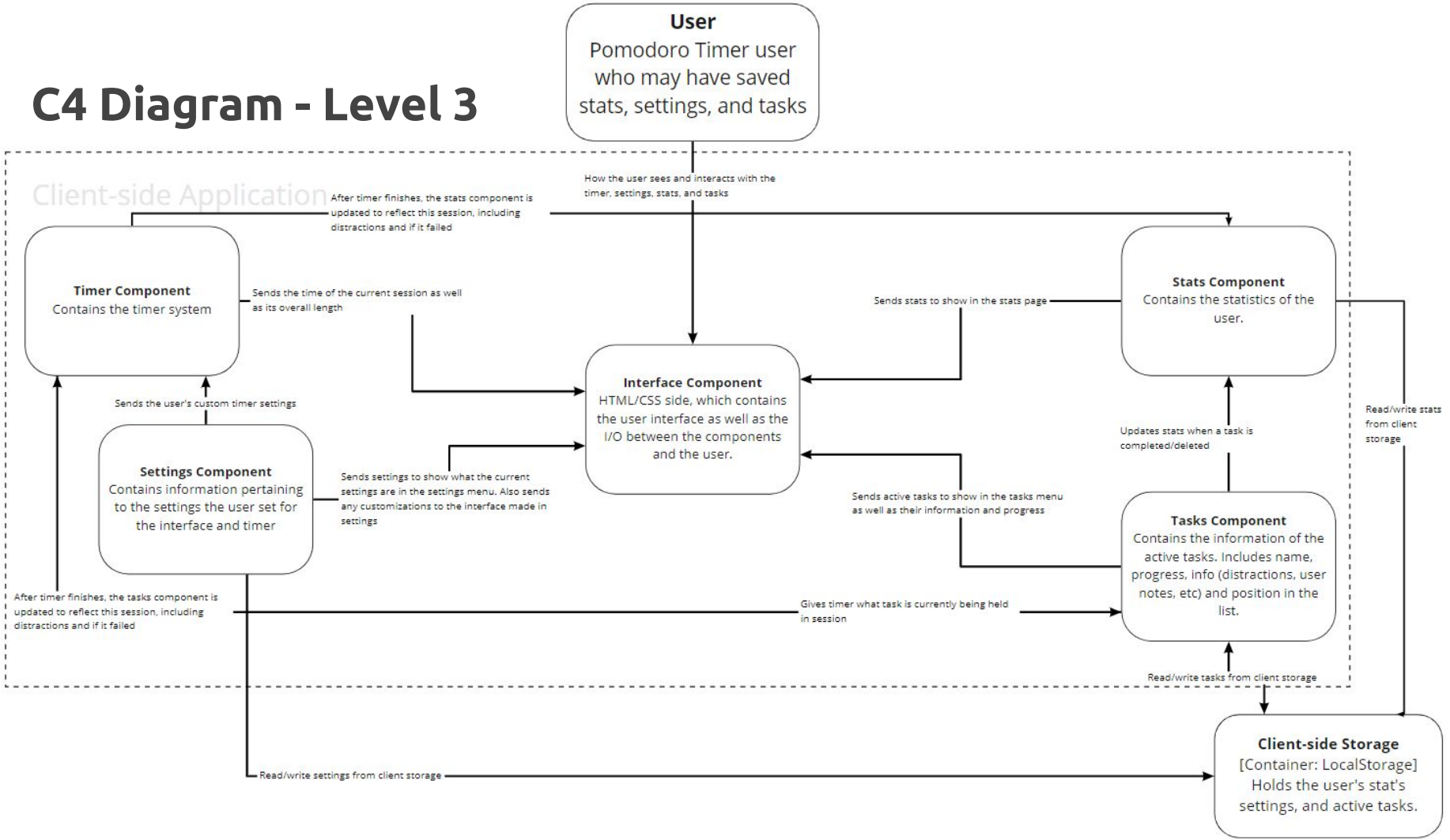
# Use Case Diagram



# C4 Diagram - Level 1



# C4 Diagram - Level 2



# C4 Diagram - Level 3