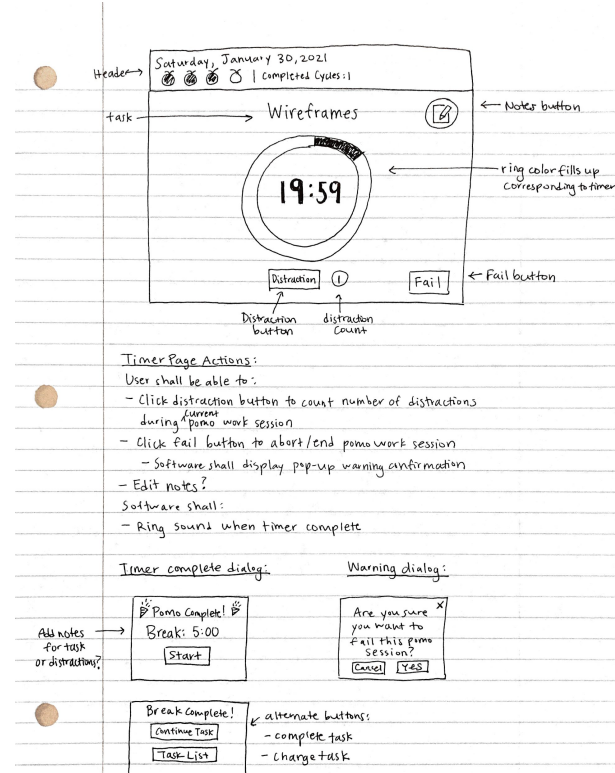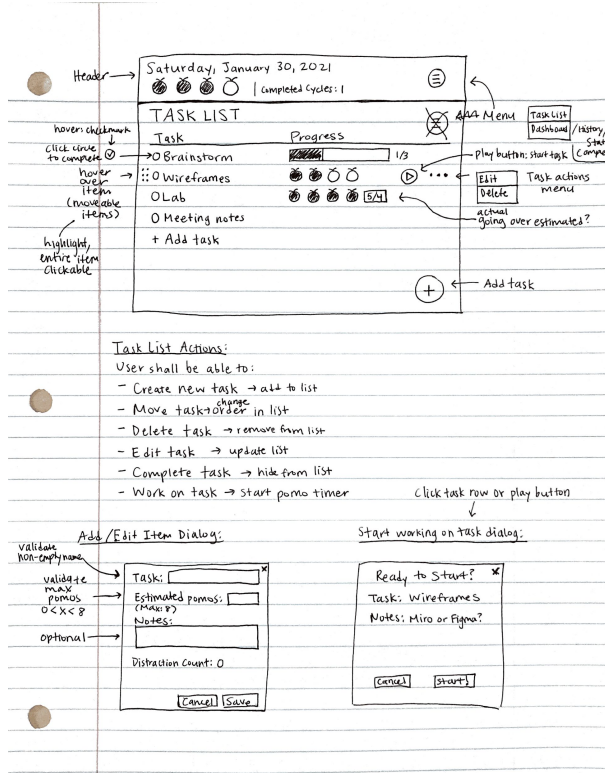# Team RaccoonBytes

Progress Report Week 5

# What we have finished this week

1. Brainstorming
2. Figma Designs
3. Personas / User Story
4. Started System Diagrams

# Rough Interface Design



**Left mockup — Task List screen:**

Header →

Saturday, January 30, 2021
🍅🍅 ⏱ | Completed Cycles: 1 ≡

hover: checkmark
Click circle to complete ✓

TASK LIST

| Task | Progress |
| --- | --- |
| ○ Brainstorm | ▨▨ 1/3 |
| ⠿ ○ Wireframes | 🍅🍅 ⏱ ⏱ ▶ ··· |
| ○ Lab | 🍅🍅🍅 5/4 |
| ○ Meeting notes | |
| + Add task | |

hover over item (moveable items)

highlight entire item clickable

Menu
Task List
Dashboard / History / Stats
Complete

play button: start task
Edit / Delete — Task actions menu
actual going over estimated?

(+) → Add task

**Task List Actions:**

User shall be able to:
- Create new task → add to list
- Move task~~order~~ in list (change)
- Delete task → remove from list
- Edit task → update list
- Complete task → hide from list
- Work on task → start pomo timer

Click task row or play button ↓

**Add/Edit Item Dialog:**

validate non-empty name
validate max pomos 0 < x < 8
optional

Task: [____] ✕
Estimated pomos: [____] (Max: 8)
Notes:

Distraction Count: 0

[Cancel] [Save]

**Start working on task dialog:**

Ready to Start? ✕
Task: Wireframes
Notes: Miro or Figma?

[Cancel] [Start]

**Right mockup — Timer screen:**

Header →

Saturday, January 30, 2021
🍅🍅 ⏱ | Completed Cycles: 1

task →

Wireframes ✎ ← Notes button

19:59 ← ring color fills up corresponding to timer

[Distraction] (i) [Fail] ← Fail button

Distraction button    distraction count

**Timer Page Actions:**

User shall be able to:
- Click distraction button to count number of distractions during current pomo work session
- Click fail button to abort/end pomo work session
  - Software shall display pop-up warning confirmation
- Edit notes?

Software shall:
- Ring sound when timer complete

**Timer complete dialog:**

Add notes for task or distractions?

🍅 Pomo Complete! 🍅
Break: 5:00
[Start]

Break Complete!
[Continue Task]
[Task List]

alternate buttons:
- complete task
- change task

**Warning dialog:**

Are you sure you want to fail this pomo session? ✕
[Cancel] [Yes]

# Figma - Task List Page & Dialogs

# Figma - Timer Page & Dialogs
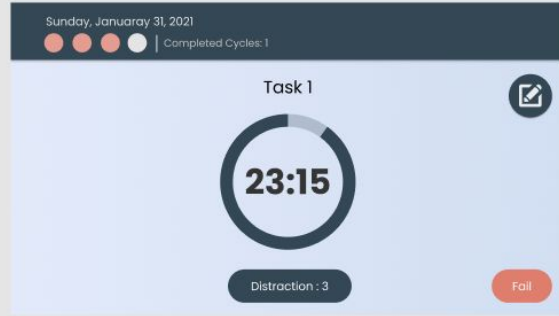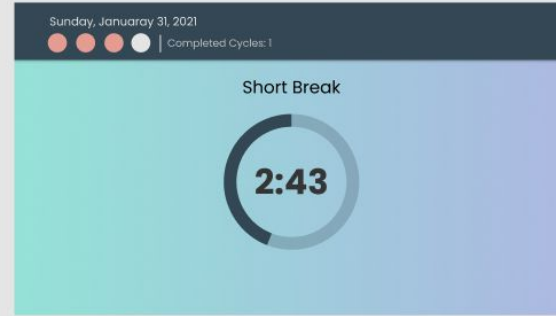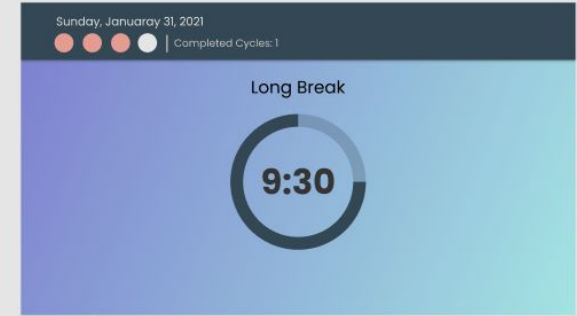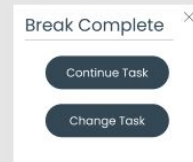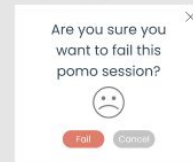
# Color Palette

| | | | | |
|---|---|---|---|---|
| **Colors of Sky (gradient)** | **Digital Water (gradient)** | **Azure Lane (gradient)** | **Primary** | **Accent Light** |
| HEX CFDEF3 | HEX ACB6E5 | HEX 86A8E7 | HEX 2E4756 | HEX F2998E |
| RGB 207, 222, 243 | RGB 172, 182, 229 | RGB 134, 168, 231 | RGB 46, 71, 86 | RGB 242, 153, 142 |
| HSB 215, 15, 95 | HSB 229, 25, 90 | HSB 219, 42, 91 | HSB 203, 47, 34 | HSB 7, 41, 95 |
| NAME Periwinkle Crayola | NAME Maximum Blue Purple | NAME Little Boy Blue | NAME Charcoal | NAME Vivid Tangerine |
| **Accent Dark** | **Dark** | **Medium** | **Medium Light** | **Light** |
| HEX EF7869 | HEX 353535 | HEX 828282 | HEX C4C4C4 | HEX E5E5E5 |
| RGB 239, 120, 105 | RGB 53, 53, 53 | RGB 130, 130, 130 | RGB 196, 196, 196 | RGB 229, 229, 229 |
| HSB 7, 56, 94 | HSB 0, 0, 21 | HSB 0, 0, 51 | HSB 0, 0, 77 | HSB 0, 0, 90 |
| NAME Salmon | NAME Jet | NAME Gray Web | NAME Silver Sand | NAME Platinum |

# User Centered Design - 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

**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
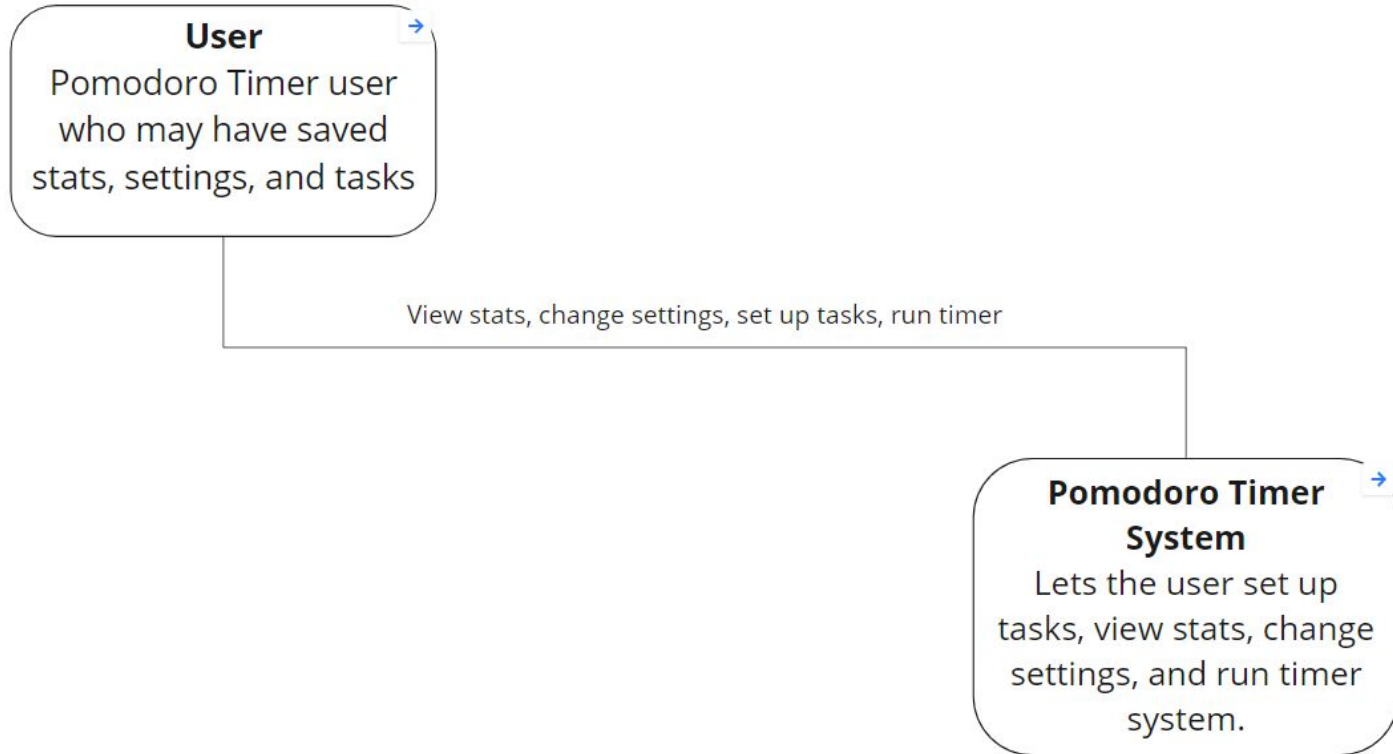Productivity Tools: None

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.

# User Story

- **College Student** As a College Student I want to plan out my schedule to have enough time to attend lectures, meetings, social events, and work on assignments for each class. So that I can have a good study/play balance.

- **Programmer** As a Programmer I want to list out my tasks and estimated time on coding, testing, and meetings. So that I can have my tasks done and have time to work on my own projects and developments.

- **Professor** As a Professor I want to allocate my time reasonably to teach students, attend meetings, and work on my research projects. So that I can be successful in both pedagogy and academic.

- **Writer** As a Writer I want to have enough time to write my books while reading the novels and fictions I appreciate and communicate with others(writers, friends, publishers, etc.) So that I can be productive of my writing and enjoy my life outside of it.

# C4 Diagram - Level 1

**User**
Pomodoro Timer user who may have saved stats, settings, and tasks

View stats, change settings, set up tasks, run timer

**Pomodoro Timer System**
Lets the user set up tasks, view stats, change settings, and run timer system.
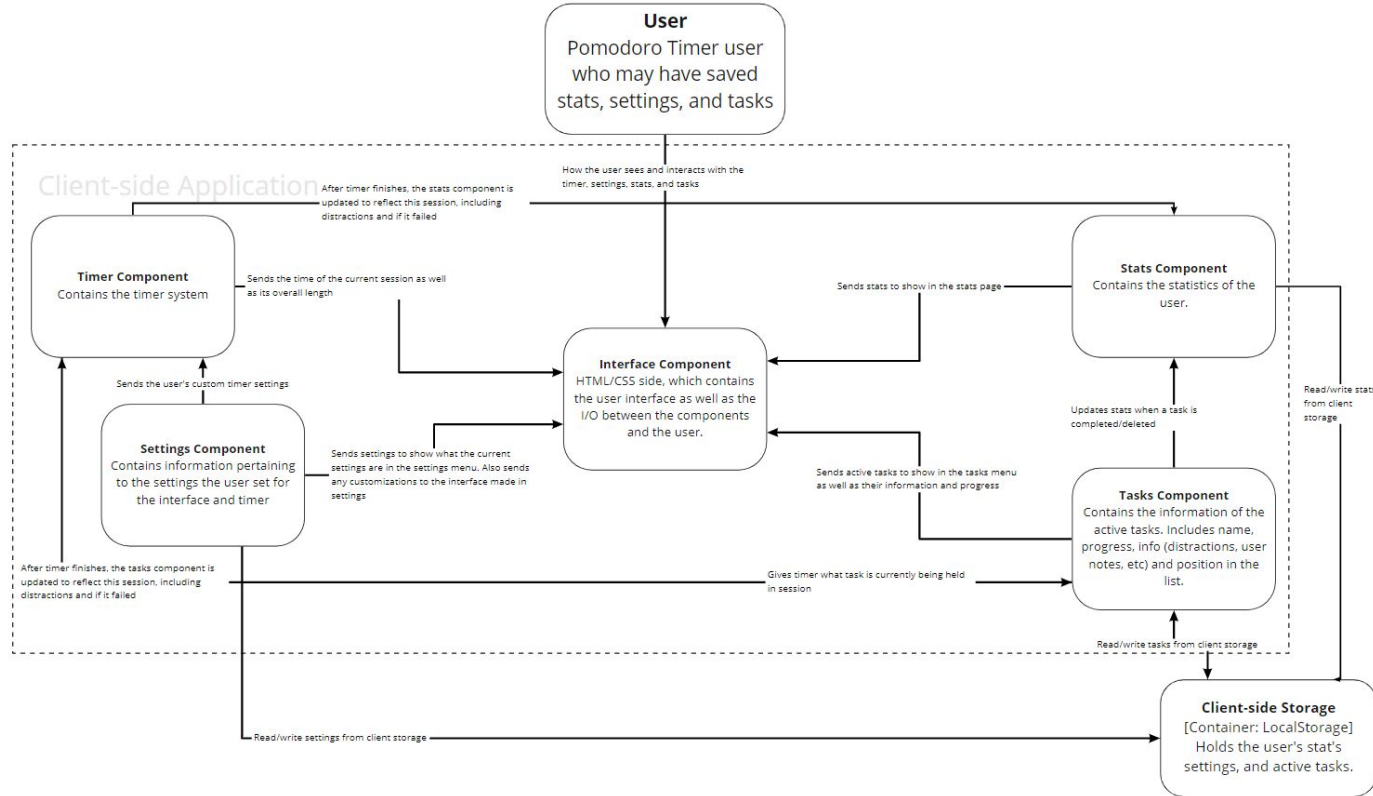
# C4 Diagram - Level 2

# C4 Diagram - Level 3



**User**
Pomodoro Timer user who may have saved stats, settings, and tasks

Client-side Application

After timer finishes, the stats component is updated to reflect this session, including distractions and if it failed

How the user sees and interacts with the timer, settings, stats, and tasks

**Timer Component**
Contains the timer system

Sends the time of the current session as well as its overall length

**Stats Component**
Contains the statistics of the user.

Sends stats to show in the stats page

**Interface Component**
HTML/CSS side, which contains the user interface as well as the I/O between the components and the user.

Read/write stats from client storage

Sends the user's custom timer settings

**Settings Component**
Contains information pertaining to the settings the user set for the interface and timer

Sends settings to show what the current settings are in the settings menu. Also sends any customizations to the interface made in settings

Updates stats when a task is completed/deleted

Sends active tasks to show in the tasks menu as well as their information and progress

**Tasks Component**
Contains the information of the active tasks. Includes name, progress, info (distractions, user notes, etc) and position in the list.

After timer finishes, the tasks component is updated to reflect this session, including distractions and if it failed

Gives timer what task is currently being held in session

Read/write tasks from client storage

Read/write settings from client storage

**Client-side Storage**
[Container: LocalStorage]
Holds the user's stat's settings, and active tasks.

# Next

1. Project Pitch
2. Pipeline