Team 9

Starting Pitch

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The Problem

- Students and professionals doing task based work struggle to achieve a desired level of productivity.
  - Age demographic
    - 14 - 35
  - Occupation
    - Students and working professionals (?)
  - Characteristics/Tendencies
    - Disorganized
    - Poor-time management
    - Unfocused
  - Desires
    - Desire efficiency
    - Finish tasks on time

User Story 1

Sam Chase
College Student

Age: 19
Status: Single

Location: San Diego

Archetype:
Procrastinator, Gamer

Characteristics:
Friendly, Active

Aspirations
"I hope to one day work as a game developer in the software industry."

Background
Sam was born in the Bay Area and was first introduced to video games when he was 8 years old. Ever since, he fell in love with gaming and plays regularly. His passion for it got him involved in the game design club as well as various computer science initiatives. He is currently a sophomore CS student at UCSD.

Needs and Goals
Long term Motivations
- Money
- Job as a game developer

Short Term Goals
- Improve GPA
- Improve organization
- Improve time management

Current Frustrations
- Inefficiency
- Severe disctractions and procrastination
- Failure to perform well on assignments and exams, hurting his prospects of getting a good job in industry.

Skills
- When dedicated, can get things done quickly
- Strong computer science skills
- Strong web fluency
- Good understanding and passion for game development.

User Story 2

Sandy Stevens

UI/UX Designer

Age: 25

Status: Single

Location: Los Angeles

Archetype: Artsy Introvert

Characteristics:

Creative, Idealistic,

Empathetic

Aspirations

"I want a stylish app that will help me bring more productivity into my life. "

Background

Sandy was born and raised in Los Angeles. Following the completion of her Cognitive Science degree at the University of Southern California, she began her career in UI/UX design.

Needs and Goals

Motivations
- Money
- Personal Growth

Goals
- Be more productive
- Produce designs

Frustrations
-Inefficiency
-Inability to stick to tasks
-Lack of inspiration

Skills

- Drawing/Painting
- Digital Art
- Solid web fluency

User Story 3

Michael Smith
Freelance Programmer

Age: 31
Status: Single

Location: Bay Area

Archetype: Night Owl, Hardworker

Characteristics: Persistant, Analytical, Disorganized

Aspirations

"I hope that all of my clients are satisfied with the work and product I provide.

Background

Michael moved to the Bay Area after finishing up his Computer Science degree at the University of Delaware. After working a few years as a software developer for a small business, he decided to work as a freelance programmer instead.

Needs and Goals

Motivations
- Money
- Self Schedule
- Personal Projects

Goals
- Improve sleep schedule
- Improve organizational skills

Frustrations
- Inconsistent sleep/overall schedule
- Disorganized when running multiple projects
- Inefficiency due to lack of organization

Skills

- Extremely focused once work has started
- Passion for his client's projects and his personal projects
- Strong web fluency
- Able to land jobs without great difficulty

Appetite

Limiting Factors

- Limited time due to upcoming exams and increased workload.
- Difficulty coordinating meeting times.

Minimum Viable Product requirements

- Usable interface for a standard desktop web app.
- Basic Pomodoro Timer requirements are met:
  - 25 minute timer for work session
  - 5 minute timer for short breaks
  - 10 minute timer for long breaks
  - Task scheduler to create, remove, checkoff, and start tasks
  - Ability to log distractions.

Solution

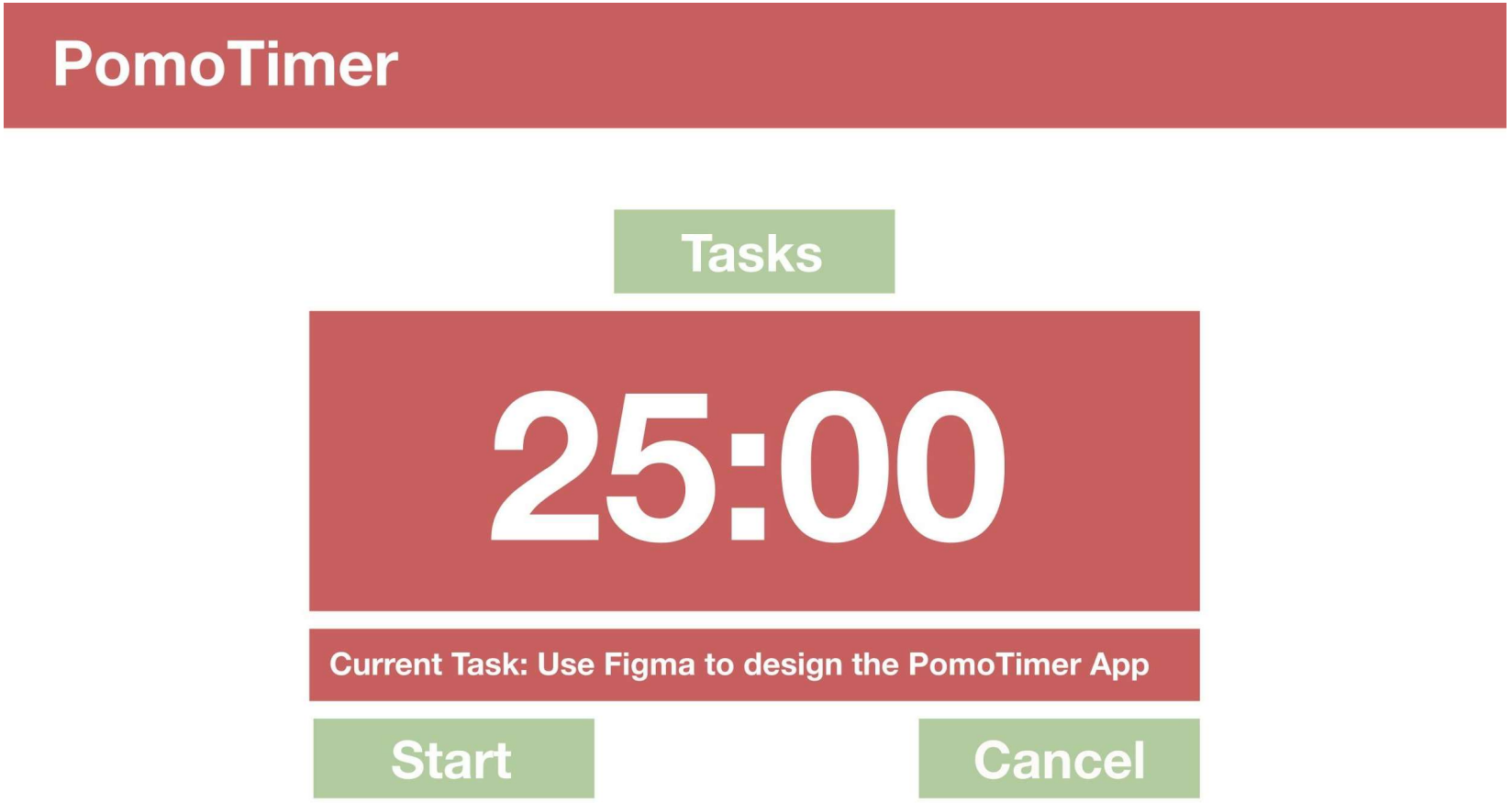
- Create a webapp that allows users to implement the Pomodoro technique into their everyday work cycle in order to promote organization, productivity, and limit distractions.
  - Organization issue: Task list/scheduler helps
  - Focus and Efficiency: Timer that cannot be paused helps promote
  - Distractions: Distraction logger

Task Scheduler/Home

PomoTimer

Task Name	Task Description/Notes	Estimated Pomos	Actual Pomos	Number of Distractions	Session Status	Start Session
Task 1	This is a task description.	1	1	1	In Progress	Start
Task 2	This is a task description.			1	In Progress	Start
Task 3	This is a task description.				Not Started	Start
Task 4	This is a task description.				Not Started	Start
Task 5	This is a task description.				Not Started	Start
Task 6	This is a task description.				Not Started	Start
Task 7	This is a task description.				Not Started	Start
Task 8	This is a task description.				Not Started	Start
Task 9	This is a task description.				Not Started	Start
Task 10	This is a task description.				Complete	Start
						Add Task

Work Timer


PomoTimer
Tasks
25:00
Current Task: Use Figma to design the PomoTimer App
Start
Cancel

Short Break Timer

PomoTimer **Break: 5:00**

Task Name	Task Description/Notes	Estimated Pomos	Actual Pomos	Number of Distractions	Session Status	Start Session
Task 1	This is a task description.	1	1	1	In Progress	Finish
Task 2	This is a task description.			1	In Progress	Start
Task 3	This is a task description.				Not Started	Start
Task 4	This is a task description.				Not Started	Start
Task 5	This is a task description.				Not Started	Start
Task 6	This is a task description.				Not Started	Start
Task 7	This is a task description.				Not Started	Start
Task 8	This is a task description.				Not Started	Start
Task 9	This is a task description.				Not Started	Start
Task 10	This is a task description.				Complete	Start
						Add Task

Long break Timer (Every 4 pomos)

PomoTimer **Break: 10:00**

Task Name	Task Description/Notes	Estimated Pomos	Actual Pomos	Number of Distractions	Session Status	Start Session
Task 1	This is a task description.	1	1	1	In Progress	Finish
Task 2	This is a task description.			1	In Progress	Start
Task 3	This is a task description.				Not Started	Start
Task 4	This is a task description.				Not Started	Start
Task 5	This is a task description.				Not Started	Start
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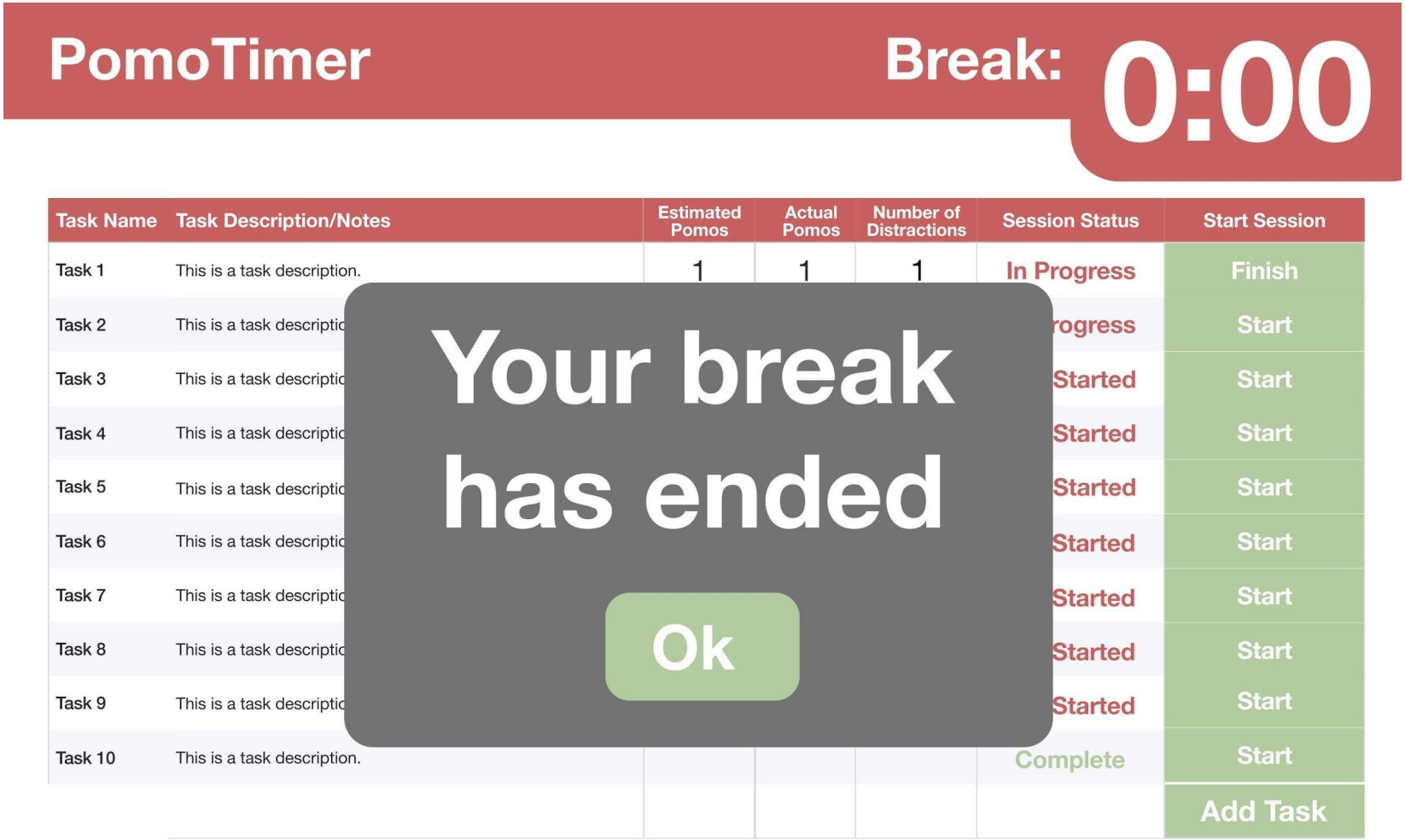
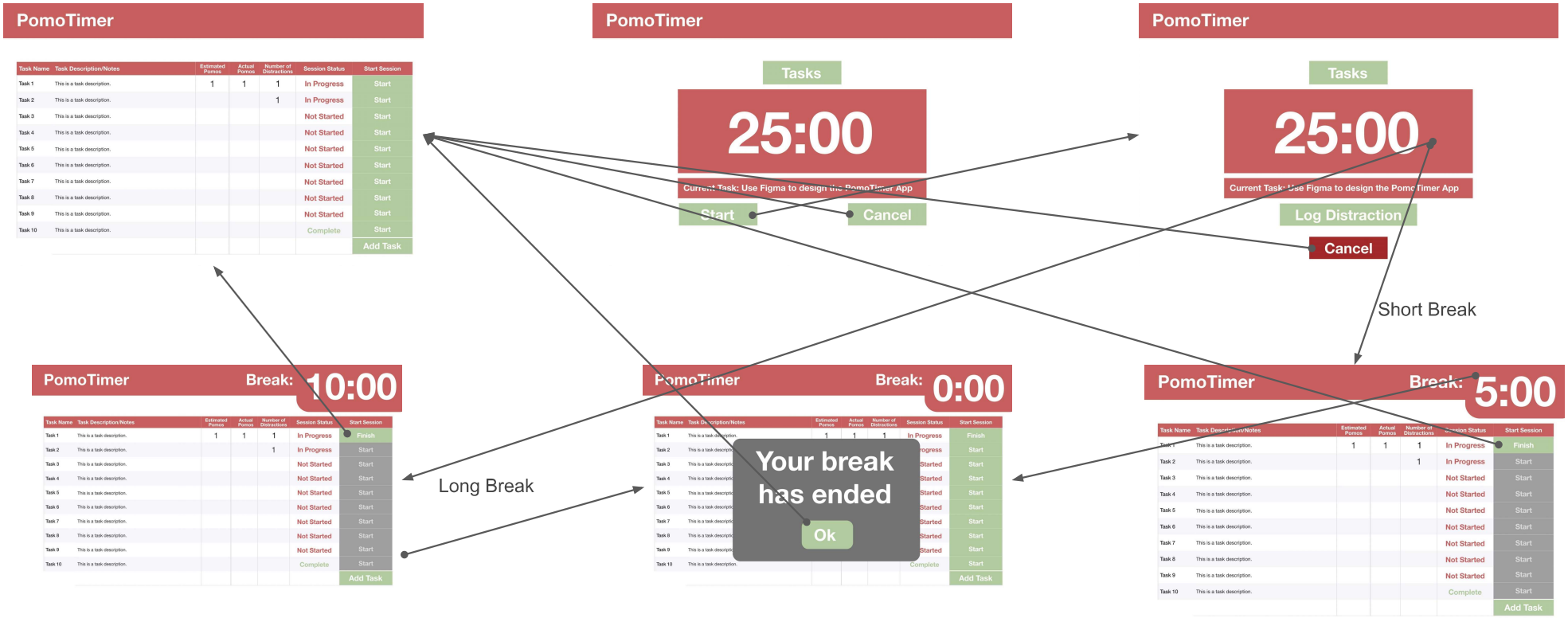
Task 8	This is a task description.				Not Started	Start
Task 9	This is a task description.				Not Started	Start
Task 10	This is a task description.				Complete	Start
						Add Task

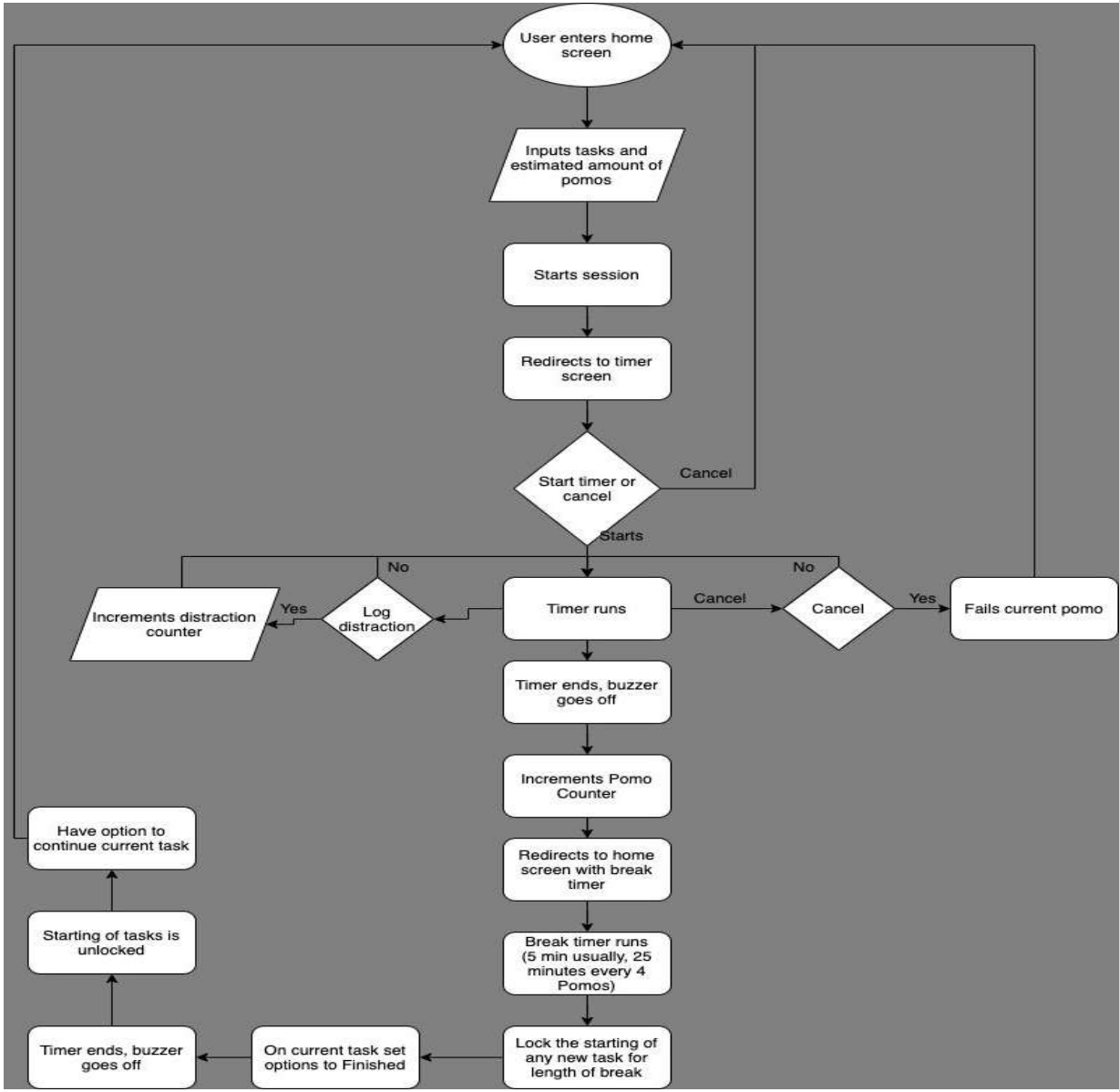
Pop up, prompting user to move on to next task.



Wireframes


PomoTimer
Task Name
Task Description/Notes
Estimated Pomos
Actual Pomos
Number of Distractions
Session Status
Start Session
Task 1
This is a task description.
In Progress
Start
Task 2
Not Started
Task 3
Task 4
Task 5
Task 6
Task 7
Task 8
Task 9
Task 10
Complete
Add Task
PomoTimer
Tasks
25:00
Current Task: Use Figma to design the PomoTimer App
Start
Cancel
PomoTimer
Tasks
25:00
Current Task: Use Figma to design the PomoTimer App
Log Distraction
Cancel
Short Break
PomoTimer
Break:
10:00
Finish
Long Break
PomoTimer
Break:
0:00
Your break has ended
Ok
PomoTimer
Break:
5:00

System Diagram



Rabbit Holes/Risks

- Issue: Building
  - Solution: Collaboration and communication between developers.
- Issue: Pushing/Pulling code/resolving merge conflicts/Clobbering work
  - Solution: Push to one's own dev branch and have code reviewed and then merged.
- Issue: Communication between developers
  - Solution: Increase activity on Slack channel and direct communication if needed.
- Issue: Pop ups using Javascript
  - Solution: Look into vanilla JS modals in Javascript and modifying their appearance

Rabbit Holes/Risks

- Issue: Storing data across sessions.
  - Solution: Use local storage or cookies.
- Issue: CI/CD pipelines
  - Solution: Research about proper builds and collaborate with team
- Issue: Scope Creep
  - Solution: Not to start additional features until MVP is done

No-Gos

- Features against Cirillo's original Pomodoro Technique
  - Pause/Skip Buttons
  - Ending a task early - You must either complete the full time of a pomo or fail it
- Storing/displaying extra data
  - Like graph features showing number of pomos over a week
  - Can be an extra feature but difficult due to time constraints
- Distracting color scheme