Spirit Veggies Project Pitch

Group 24

The Problem
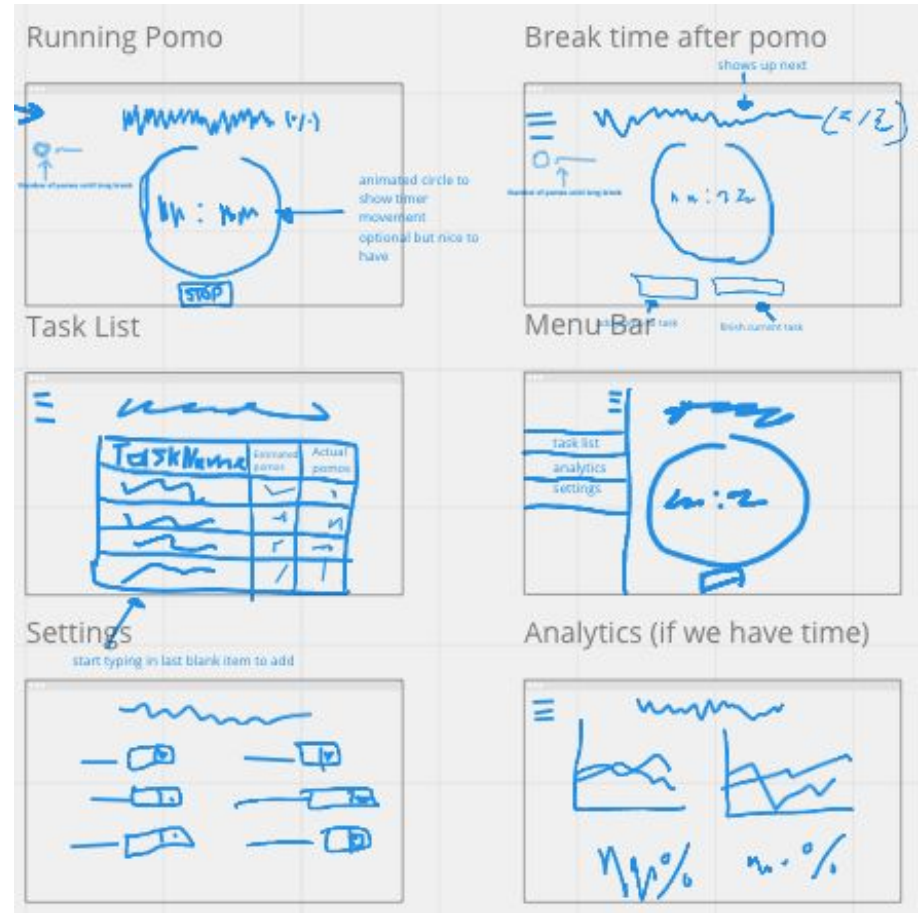
- Most pomo timers make you do the work
    - Too much customizations
    - Distracting graphics
    - Unintuitive
- Interface is small and awkward
- Lack of storage mechanism

Statement of Purpose

The Spirit Veggies Dev Team seeks to create a pomodoro timer that is simple to use while automating all aspects of the Technique. Our goal is to maintain intuitiveness while requiring as little user intervention as possible.

Solution

- Large, full-screen timer interface (distraction-free)
- Auto-allocation of breaks
- Task tracking
- Stats about estimated vs. actual pomos taken per task (nice to have)
- Everything stored locally

Appetite

- 4 weeks as of now (oh boy)

- Defined "must-have" features for final pomo timer, "nice-to-have features", and "Elon" tier features

    - Chose "must-have" features by vetting features that align with our product purpose, and made sense implementing in our 4-5 week development cycle

User Personas (college students)

Persona 1

interests:
Hardcore personal projects

hackathons

Gaming (has to minimize distraction from this)

POWers:
Very familiar with tech

Wants a lot out of his timer, because if he doesn't get it he'll make one himself (will definitely criticize yours)

QUOTE:
"yo dude which linux distro do you use?"

name:
Daniel

age:
18-22

Profession:
CS student
Software intern

Bio:
Needs to process data. Wants to mathematically optimize productivity

Goals:
Maximize productivity to boost resume

Analyze routine with data

daily routine:
Wake up at 9 am, watch lectures until 2pm. work on personal projects until 6pm. plays league of legends until 11pm. goes to sleep after watching 6 episodes of anime

likes/dislikes:
Likes studying different programming languages except html

Dislikes people who calls him a CS nerd

motivation:
Uses all sorts of devices: desktop, phone, smart fridge, etc.

Persona 2

interests:
Watching TikToks in between assignments

Watching the Office because she thinks that's a personality

Starbucks/Philz

POWers:
Can stay awake for 36 hours to finish her lab's research papers if she needs to.

Familiar enough with tech to use phone+laptop

QUOTE:
"I chose Nursing because I wanted to help people. Now I wanna die"

name:
Jessica

age:
18-28

Profession:
Med student

Bio:
Dead inside from all the years of school she has to do. Just wants to study in peace since she doesn't have anything else to do

Goals:
Trying to escape the soul crushing reality of her profession

Just wants a simple aesthetic timer to keep her away from TikTok/YouTube binges while she crams ochem.

daily routine:
Wake up at 5am, go to starbucks, tell everyone they're in med school/premed

likes/dislikes:
Coffee
Fairy lights in her dorm
Posting activist Instagram stories complaining about things

Dislikes:
Complicated technology
CS majors
Ochem

motivation:
3-5 year old MacBook
(not M1, shitty Intel core duo)
iphones only

User Personas (older adults)

Persona 3

interests:
Investing in small businesses.

Making a lot of money

Basketball

Cooking

QUOTE:
"Cash Rules Everything Around Me"

name:
Mark Cuban

age:
52

profession:
Investor
Shark Tank host
Mavericks owner

Bio:
Dallas Mavs Owner
Billionaire
Shark Tank Host
Businessman
Highly motivated person
Middle-aged

powers:
Fairly familiar with tech because he needs it to invest, but not an expert.

Knows how to restart the router.

goals:
Becoming a trillionaire

Spending more time with kids

Make sure to take breaks while working to avoid fatigue.

daily routine:
Wake up at 4am, work out until 7am. Arrive at shark tank set at 10am and invest in companies until 4pm. Go home and play with kids until 9pm. Goes to bed at 10pm.

likes/dislikes:
Likes buying GME
Insider trading likes
$$$$$$$$$$
$$$$$$$$
$$$$$$$
Dislikes: people who think the Mavericks suck
r/wallstreetbets

motivation:
Probably something he owns shares in

Persona 4

interests:
Real estate

Talking to your manager

Divorcing her 6th husband

Home aesthetics

QUOTE:
"Can I speak to the manager?"

name:
Karen

age:
45

profession:
mom

Bio:
average stay-at-home mom, with an average knowledge of technology. nothing really crazy to keep track of in her life

powers:
Finding bugs in her meals at restaurants

Driving a white minivan

Can use technology, but needs to ask kids to reset router

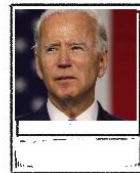### goals:
Wants to work on her "eat pray love" coasters without getting distracted by puppy videos

Wants to be more productive at work so her boss takes her out to dinner (she WILL yell at the waiter)

daily routine:
busy with kids, playing Candy Crush, or posting to Facebook

likes/dislikes:
dislikes newfangled tech
likes familiarity

motivation:
Interface in her new car, phone, home computer

Persona 5

interests:
Relaxing by the record player
Hair sniffing
Spending time with the grandkids
Carpentry

QUOTE:
"Stop your yimmer-yammering you no good tech nerds!"

name:
Boe Jiden

age:
82

profession:
Carpenter
Retiree

Bio:
May or may not have been a senator. Mostly retired by now.

powers:
Very limited technology use, doesn't even tweet from own phone

goals:
Reduce stress so he can survive his term
Be more focused with his work so he has more time for hobbies

Needs timer as reminder to take breaks to reduce eye-strain

daily routine:
Morning "jog", complain about his wife, put in dentures, eat blended waffle and eggs, work on his carpentry, complain about his wife

likes/dislikes:
Likes spending time with his grandkids and eating ice cream
Dislikes loud noises and bright colors
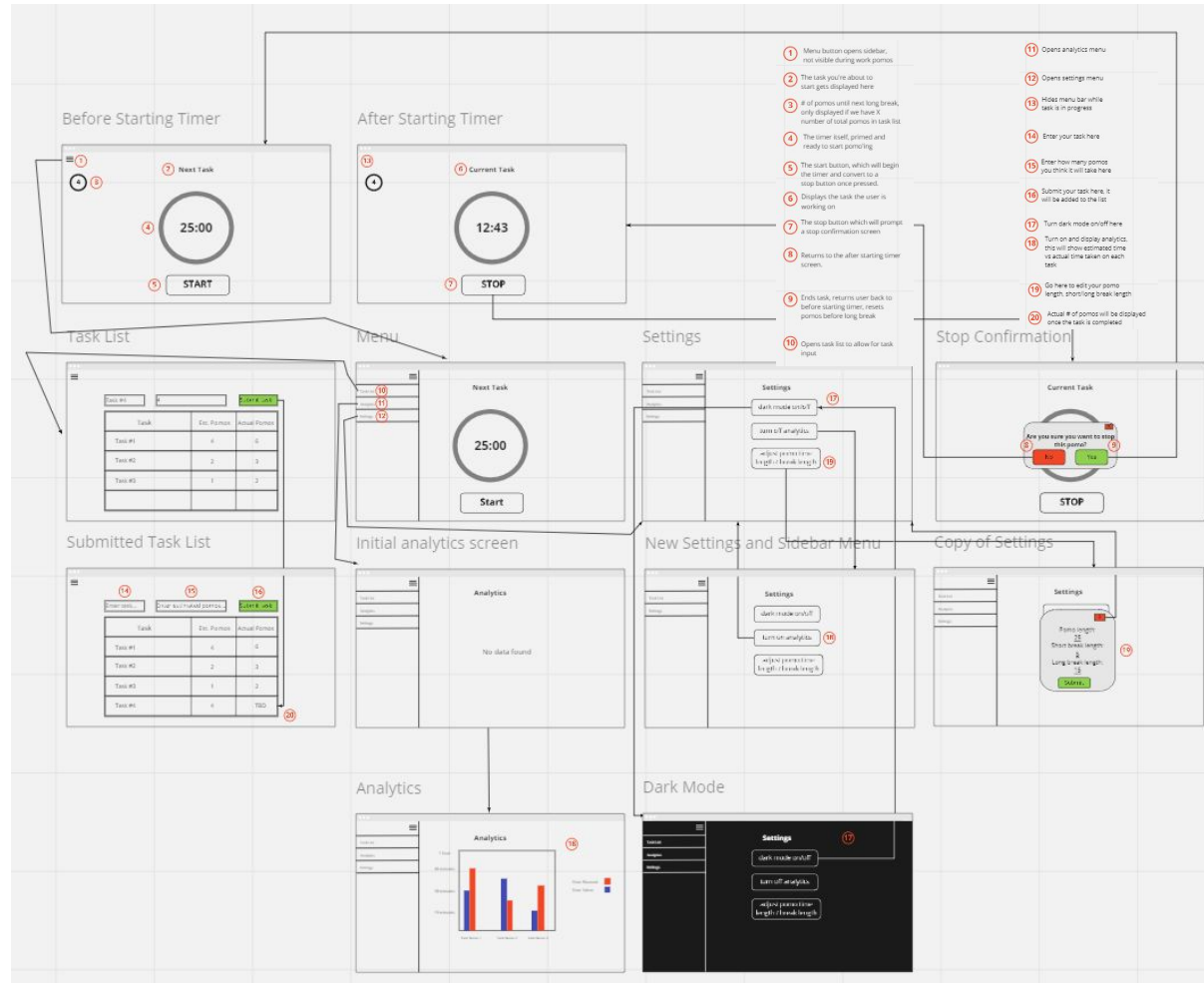
motivation:
iPhone or old Android with font size 40pt

Summary of User Stories

- Hackers want customization and stats to improve their routine
- Med students wants a simple and modern timer complementing their vsco
- Mark Cuban wants a no-frill timer that helps him get things done, because time is money
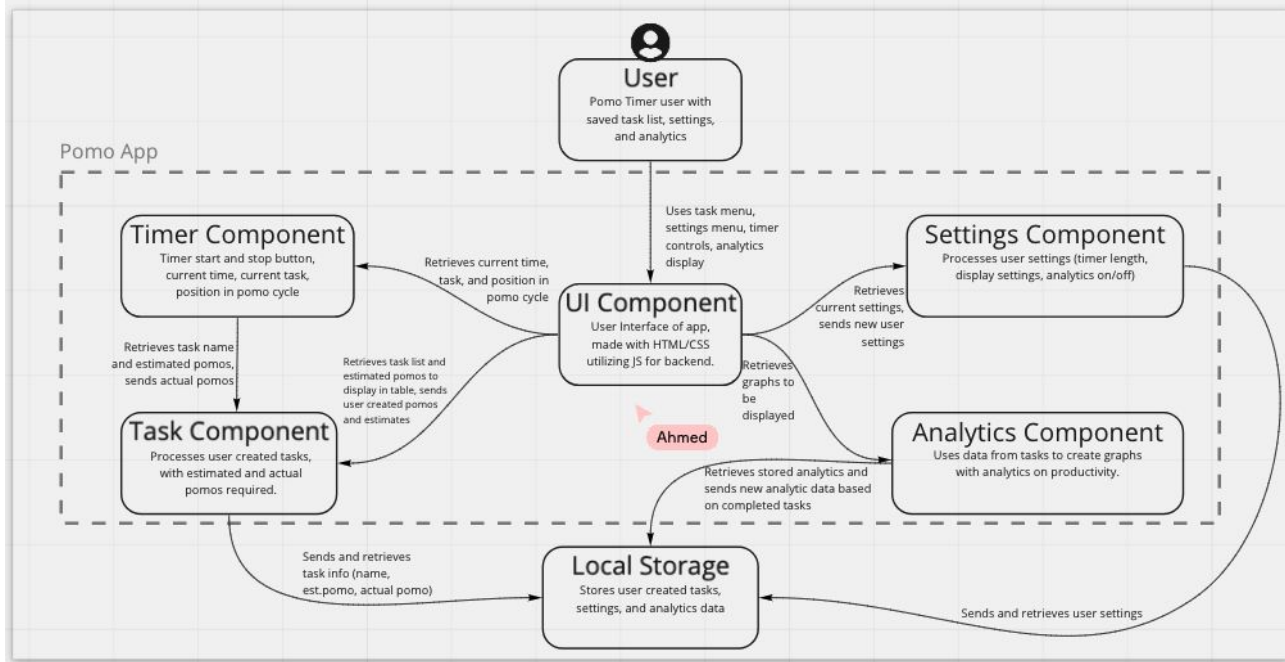- Karen & Boe need an intuitive interface that doesn't require tech proficiency

Wireframes

- Early layout, easy to add/modify nonessential feature layout
- Annotated to highlight key features
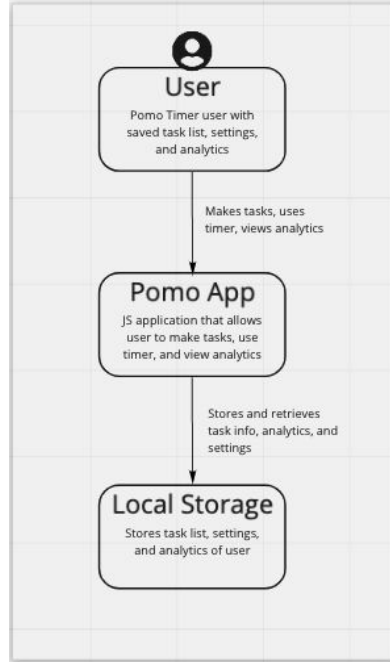- All essential and some nonessential features included (analytics, dark mode, etc)

System Design

Level 3

Level 1

Risks & Rabbit Holes

- Relatively low bus factor for DevOps (e.g. if someone on DevOps gets sick, then that can drag out time taken)
- Scope creep, especially for more stretch features involving user customization & analytics
- Midterms and increased workload from other classes could possibly delay the project process
- General unfamiliarity with SWE practices / learning hiccups along the way

Combating Risks & Rabbit Holes

- Increased communication between DevOps and rest of team to make sure everyone understands at least the fundamentals for keeping progress up
- Declaring "out of bounds" early on to keep project within the appetite
    - Putting "nice to haves" on the back burner
- Preparing for expected dips in productivity by planning around them to ensure project stays on task
- Attending lectures and proactively exercising SWE practices to better familiarize ourselves

End Pitch :)