

## Statement of Purpose

Main goals, what are the goalposts we to hit

Pomodoro timer that will assist users in maintaining their focus and decomposing their work process into smaller, more manageable chunks. The pomodoro timer app should also be minimally attention-grabbing and should be intuitive for our users to use and figure out the functions of. There should be no confusion as to what each function of our web application does to our users. Our application should also feature options for users to alter thematic colors and work stages to their own preferences to better reflect a customizable application.

## User Personas

Who are our users?

- Students

What are their goals?

- Likely studying for examinations, they want to focus on the topic at hand rather than browsing social media
- Keep a rigid schedule as to studying, may have deadlines to meet for examinations

What are their main barriers to achieving their goals?

- Social media, anything remotely distracting for students (Instagram, Snapchat, Reddit, etc.)

Who are our users?

- office workers

What are their goals?

- Also have deadlines to meet, but also company goals they must hit on a quarterly basis, may be trying out Pomodoro timers as a team
- Getting daily work tasks done (Emailing clients, responding to coworker emails, etc.)

What are their main barriers to achieving their goals?

- They are thinking of accomplishing too many tasks, which cause lack of focus in any one specific task. Pomodoro timer may help with divide and conquering tasks at hand so that individual tasks get a sufficient amount of focus/attention.

Who are our users?

- Developers

What are their goals?

- Want to get a specific partition of code (function, part of Model-View-Controller, etc.) complete
- Since software development can be a thought-intensive process, developers may want to split their attention span into more manageable fragments.

What are their main barriers to achieving their goals?

- Focusing for too long at once (burnout, they lose focus for the rest of the day after their initial coding spree) Pomodoro will help to take measured breaks in between coding sessions.

## **Risks**

- We don't want to make our web app too flashy
- Spending too much time fleshing out what our functions need, instead of actually getting them done.
- Spending too much time on non-essential components of the application when we should be getting the core functionality of our app down first.
- We should better specify which parts of our app should belong to the front-end or the back-end
- Having no documentation and basically not knowing what everything does. (We should have intuitive names for our functions, variables, and have comments on version control and what each function does exactly)
- App not working during presentation due to an error (We must have try-catch statements in the backend) (CSS should use @'s for different browser sizes, make sure our app is compatible with different browser sizes like phones or different resolutions)
- Everyone in the group has varying expectations of the grade outcome of the project (specific to this course)

## **Rabbit Holes**

- Spending too much time on documentation, not actually getting things done.
- Making too many non-essential functionalities, crowding out the app. The app at that point is no longer simple and intuitive.

## **Visual Representations (System Diagrams & Wireframes)**