Team Tortellini (17)
Project Pitch

Statement of Purpose:
- Create a Pomodoro timer website that will automate the manual aspects of the Pomodoro technique, simplify meta-analysis, and have a clean UI with the timer in focus.

Problem:
- Existing Pomodoro timer websites do not strictly follow Pomodoro philosophy
  - Pomo philosophy from class: (https://cse110-w21.slack.com/files/U01A3BMLP2R/F01J1CSSWDV/pomodoro-technique-final.pdf)
    - The Pomodoro timer's main function is to alleviate the anxiety of having an unwieldily large goal at hand
    - As such, in order for it to function properly, it must be respected:
      - The timer bell must either cease or start work, it can't be blown off for a few extra minutes nor can it be implied early if the task doesn't take the full session
      - Work done in a work session must be genuine, if the session is broken for any reason then that Pomodoro is lost
      - The Pomodoro technique/Pomodoro apps should be: Simple to learn, simple to apply, nearly transparent in application
  - Philosophy also includes reflection on completed tasks for better estimation in the future, which is not a commonly accommodated aspect in existing Pomodoro timers
- Cluttered UIs, unnecessary/distracting features
  - Pomodoro technique is designed to retrain your brain to focus, so not strictly following the philosophy renders this technique ineffective


(http://www.tomatotimers.com/
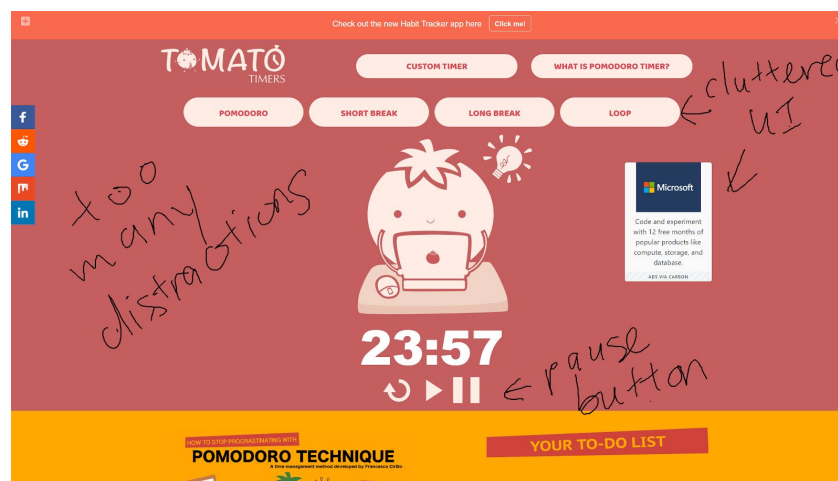
Appetite:
- We only have the rest of the quarter to complete this project, which is just under 5 weeks remaining.

Solution:
- Solution is our pomodoro timer, which will work to minimize the distractions that are present in existing pomodoro timers by strictly following the Pomodoro philosophy
- Focuses:
    - Automate the manual aspects of the Pomo technique by:
        - incorporating an integrated task bar, where each task will be associated with its estimated number of Pomodoro sessions
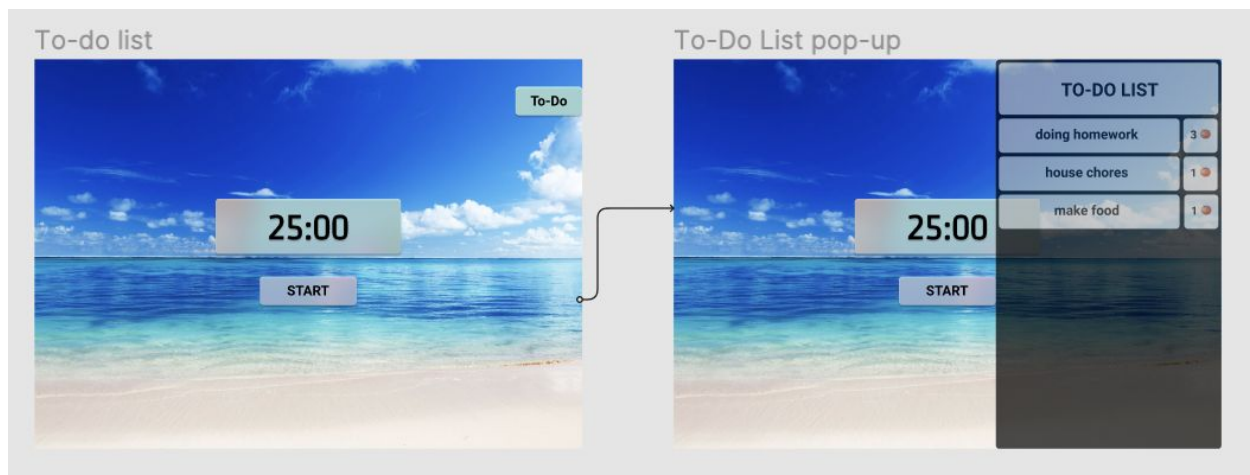
- automatically prompting the user to break up larger tasks (of 4 or more cycles) into smaller tasks
- automatically label tasks as "finished early/late" for easier analysis
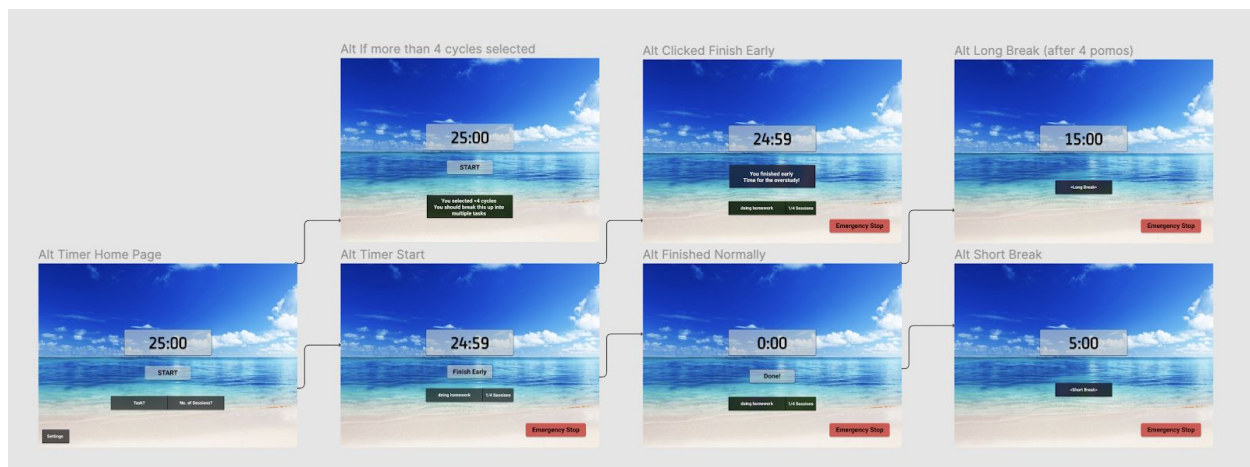
- Simplify meta-analysis
- Have a clean UI with the timer in focus

- Labels and pop-ups instead of interactive elements to provide information without being a distraction
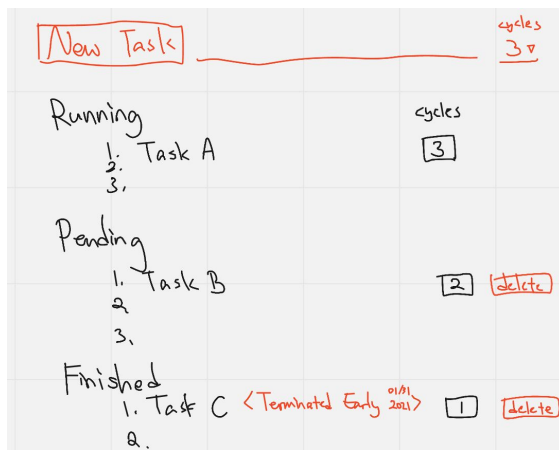
- Two different buttons (emergency stop and early finish) to account for different situations that may arise when using our timer

Flowchart nodes (top to bottom, left to right):

- Start
- Open Website
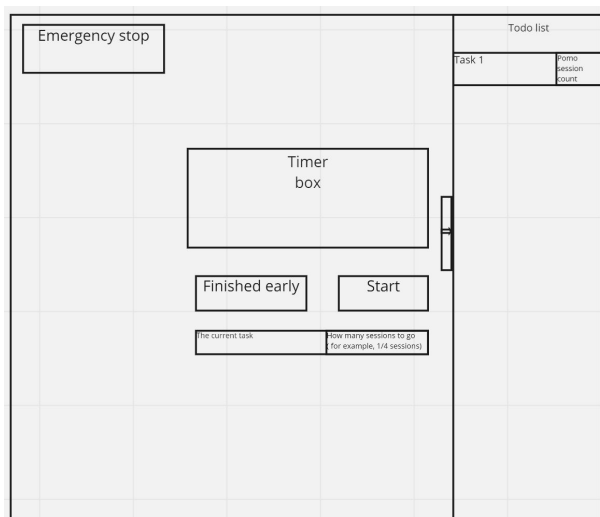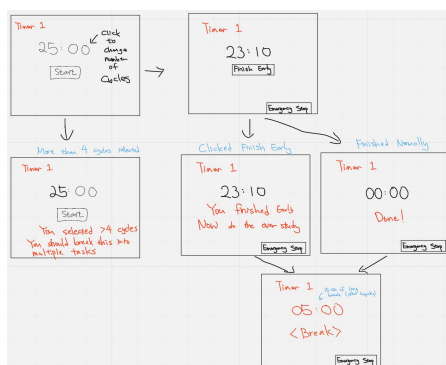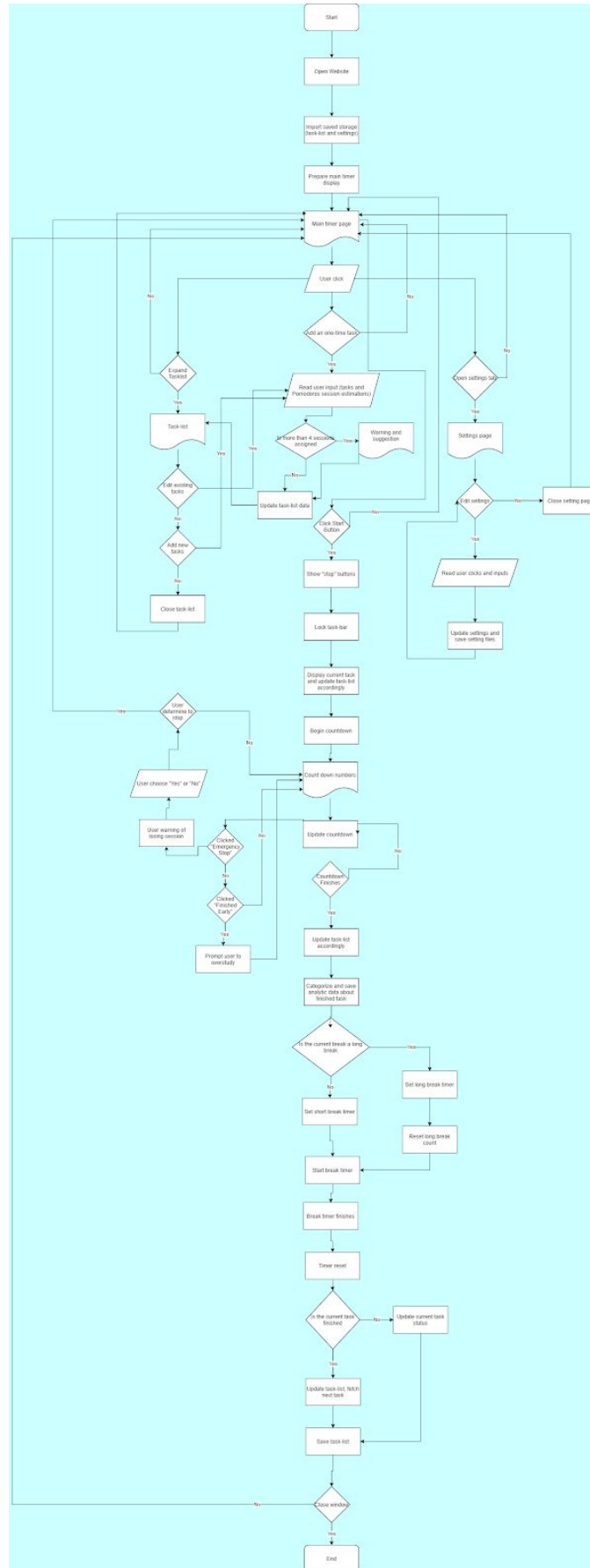- Import saved storage (task-list and settings)
- Prepare main timer display
- Main timer page
- User click
- Add an one-time task
- Expand Tasklist
- Read user input (tasks and Pomodoro session estimations)
- Open settings tab
- Task-list
- More than 4 sessions assigned
- Warning and suggestion
- Settings page
- Edit existing tasks
- Update task-list data
- Edit settings
- Close setting page
- Add new tasks
- Click Start Button
- Close task-list
- Show "stop" buttons
- Read user clicks and inputs
- Lock task-bar
- Update settings and save setting files
- Display current task and update task-list accordingly
- User determine to stop
- Begin countdown
- User choose "Yes" or "No"
- Count down numbers
- User warning of losing session
- Clicked "Emergency Stop"
- Update countdown
- Clicked "Finished Early"
- Countdown Finishes
- Prompt user to overstudy
- Update task-list accordingly
- Categorize and save analytic data about finished task
- Is the current break a long break
- Set long break timer
- Set short break timer
- Reset long break count
- Start break timer
- Break timer finishes
- Timer reset
- Is the current task finished
- Update current task status
- Update task-list, fetch next task
- Save task-list
- Close window
- End

Labels on connectors: No, Yes (various)

Rabbit Holes:
- Simplifying meta-analysis, because analysis is important to Pomo philosophy
    - Analysis could be risky because of the wide range of statistical feedback that can be offered to the user
- Wanting to automate several functions in our timer for the sake of ease and convenience on the user's part (to conserve their focus/attention) could lead to more potential problems down the line.

No Gos:
- Pause/play button (different from start/stop)
- App shouldn't be overloaded with features/cluttered UI
- App shouldn't take effort to learn/understand

User Personas:

Student	Person with ADHD	Office Worker
Name: Mary Jane Age/Gender: 19/Female Occupation: Full-Time Student Marital Status: Single Hobbies: Soccer, Going out w/ friends/Parties Technology Familiarity: High, Grew up on technology Devices Used: Laptop, Phone - To-do List that saves to keep track of my ridiculous list of assignments - I want free time to relieve stress from school - Used to technology and good UI's from previous experience	Name: Patrick Age/Gender: 17/Female Occupation: Student Marital Status: Single Hobbies: Baseball Technology Familiarity: uses computer and phone everyday, familiar with mac os Devices Used: laptop, phone Patrick has ADHD symptoms so she has trouble focusing on completing school assignments. Pomodoro timer helps Patrick to track how much time spent on an assignment, know when to focus, and know when she can let her mind wander.	Name: Squilliam Age/Gender: 24/Male Occupation: Consultant Marital Status: Single Hobbies: Reading, Biking Technology Familiarity: uses computer everyday for work, familiar with Microsoft office systems Devices Used: Office computer, laptop, phone He has lots of projects from work and needs dedicated time to focus on these projects. He wants to be able to show his boss his progress/time spent.
Project Manager	**Retired Grandpa**	
Name: Tomos Tran Age/Gender: 40/Male Occupation: Project Manager Marital Status: Single Hobbies: Soccer/side home improvement projects Technology Familiarity: Mid, Familiar w/ Microsoft office Devices Used: Laptop, PC, Phone Tomos may need a way to share/import his to-do lists/time estimates with other people. Also, he may want to recommend our application to people on his team. Or he may want to be able to see how well his team members are using the Pomodoro technique.	Name: Joe Schmo Age/Gender: 72/Male Occupation: Ex-Plumber Marital Status: Married Hobbies: Mini-projects like models / working on car Technology Familiarity: Low, New to technology Devices Used: Phone Joe needs clear and concise instructions to use the new technology he finds. A less complicated and structured UI makes it easier for him to understand and navigate.	