



CSE 112 Project Retro

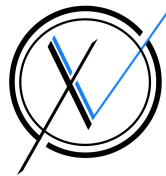
Team XV

Polishing

- Hard coded time conversion -> function
- Updated date-based tests
- Made start button fully clickable
- Updated distraction button background dim animation
- Docs organized

```
+ * Used to convert a time to string that can be displayed
+ * @param {Number} duration Amount of seconds to convert to string
+ * @returns {String} Duration converted to string
+ */
+ export function timeToString(duration) {
+   const minutes = Math.floor(duration / 60);
+   const seconds = duration % 60;
+   if (seconds < 10) {
+     return `${minutes}:0${seconds}`;
+   }
+   return `${minutes}:${seconds}`;
+ }
```

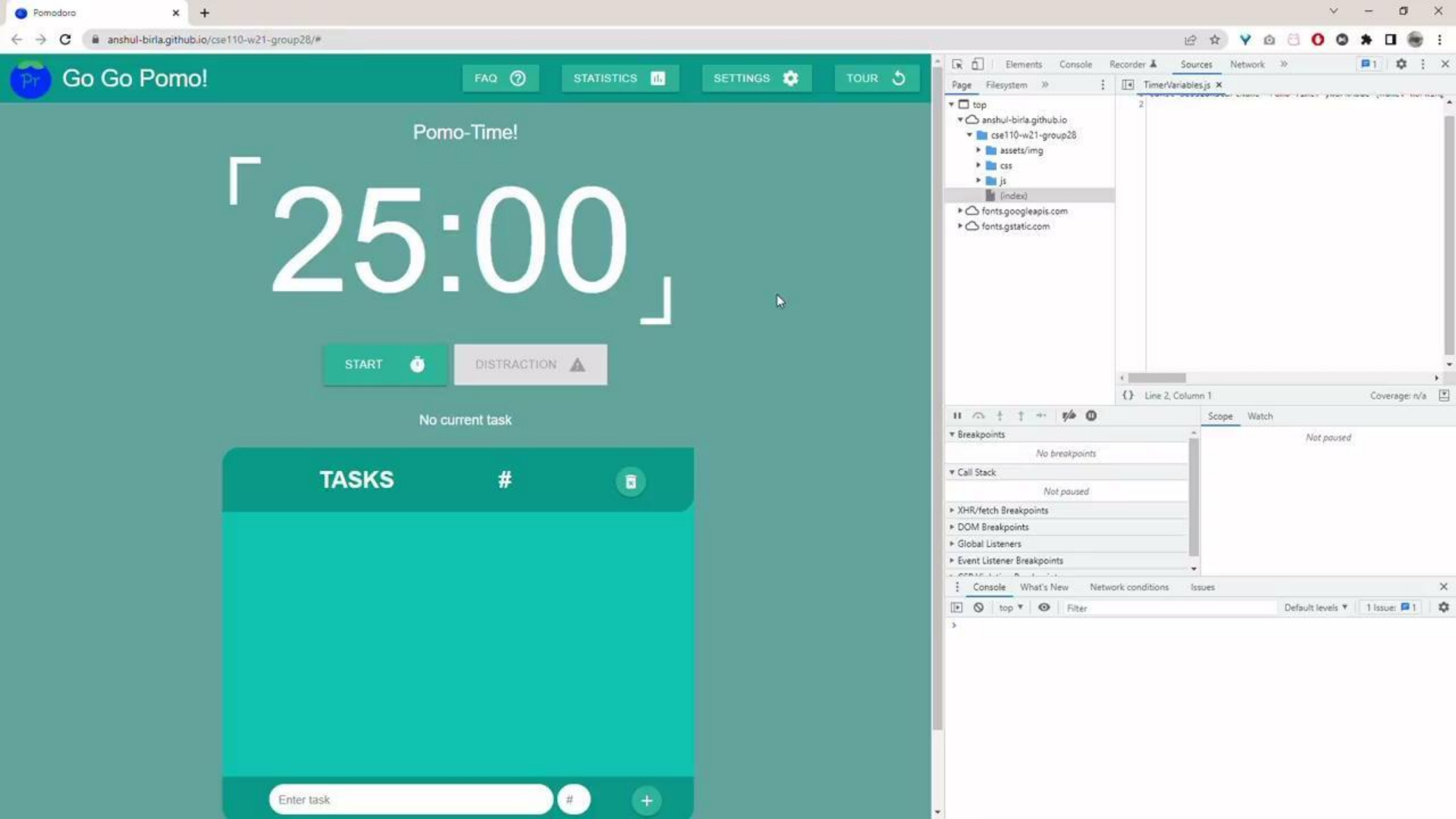
```
test('flushLocalStorage deletes all data older than a year', () => {
  Stats.history.push({ // a few days ago
-   date: new Date(2021, 2, 3, 10, 35),
+   date: new Date(2022, 4, 9, 10, 35),
    distractionCount: 1,
    timeSpent: 1,
  });
});
```



New Features

- More user customizability (at their own risk)
 - Auto-start next timer toggle
 - Custom timer length
- Storing user settings
 - More convenient for the user
- Mobile support
 - Better accessibility
 - Accommodate user personas





New Features - Video

[Link](#) if embedded video doesn't work



Workflow

- Features decided collectively
- More issues are added as they are noticed
- Self-selected tasks
- Individual / pair work
 - Resolving the issue, adding appropriate tests
- Pull request, review process
 - 3 designated reviewers -> any 2 reviewers



Team Organization

- Two weekly meetings
 - Online only
- Daily Standups
- Role assignment
 - Frontend / Backend split -> Unified devs
 - Pipeline / testing
 - Documentation master
 - Designer dropped the class 🙄
- Meeting notes, ADRs



Tech Debt

- Continuous Deployment issues
 - Evolved into a yak shaving incident



How we are working as a team

- Communication
 - Not enough involvement from all members
 - Slack
 - Standups
- Psychological safety
 - Honesty
 - Trust
 - Empathy
 - Different positions, equal footing
- Better than 110!



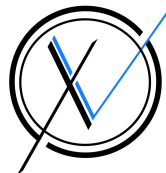
What we have learned as a team

- Communication is key
- Reach out to stakeholders early and often
- Adherence to Pomodoro theory is important for a pomodoro timer
- Having a designer is crucial for visualizing progress
- Time flies



Plans for the next 3 weeks

- Cut down the size of the repo
- Color customizability
- Background timer bug
- Adhere more to the Pomodoro theory
 - Make the app less distracting during work
 - Hide second indicators
 - Hide everything but timer
 - Make sessions feel more rigid
- Better visibility / indicators when tab is not in focus
 - Make timer viewable even when app is minimized
 - Notifications
- More polishing





Thanks for listening!