

Timer Element Work Report

#Overview

This note documents the timer work completed by **Chris Sanden** in the Study-Sprint project.

The git history shows a dedicated timer commit:

- Commit: 'd50301cb04837b196110cea43ff15c0493c5fac2'
- Short hash: 'd50301c'
- Author: 'Chris Sanden <c.sanden@outlook.com>'
- Date: '2026-04-21'
- Message: 'First draft of timer element'
- File added: 'app/(tabs)/timer.tsx'
- Branch references at inspection time: 'timer', 'origin/timer'

#ImplementedFeatures

#TimerTab

Created the first draft of a standalone timer screen:

- Added 'app/(tabs)/timer.tsx'
- Implemented the timer as its own tab while the final task-start flow is still planned
- Used React Native and Expo tab routing conventions already present in the project

#DurationSelector

Implemented a horizontal animated selector for timer durations:

- Uses 'Animated.FlatList'
- Supports snap scrolling with 'snapToInterval'
- Shows selectable durations from '1' to '60'
- Uses scaled and faded text animation so the centered duration is emphasized
- Updates the selected duration when scrolling ends

#TimerAnimation

Implemented the first timer start animation:

- Added a circular start button
- Button fades and moves down after the timer starts
- Timer overlay animates into view
- Timer overlay then animates out based on the selected duration
- Uses 'Animated.sequence' and 'useNativeDriver'

#UserInterface

The timer screen includes:

- Full-screen dark background
- Red timer overlay
- Large centered duration numbers
- Circular red start button near the bottom of the screen
- Hidden status bar for a focused timer view

The visual direction is a simple first draft intended to make the timer interaction testable before deeper integration with tasks.

#PlannedIntegration

The in-code note describes the intended next step:

- Keep the timer as a separate tab initially
- Later open the timer when a user starts a task
- Replace the current duration-number area with task information such as:
 - Task name
 - Task description
- Potentially add an animated character or visual element if time allows

#GitEvidence

The work attributed to Chris is supported by this git log entry:

```
““text
d50301c Chris Sanden 2026-04-21 First draft of timer element
““
```

The commit added one new file:

```
““text
A app/(tabs)/timer.tsx
““
```

The file was later also touched in commit ‘cb6368a’ by ‘Teodor’ on ‘2026-04-22’ as part of broader UI and routing fixes. The original timer implementation documented here is the ‘d50301c’ commit authored by Chris.

#Conclusion

Chris implemented the first functional timer draft for the application. The work established a standalone timer tab, duration selection, animated start behavior, and a clear path for later connecting the timer to task-start workflows.