

Team – 2 (Bug Smashers)

Lab 2 (Customizable Pomodoro Timer – Dynamic Website)

Requirement Gathering:

- Set custom work and break durations so that the timer aligns with user personal productivity preferences. (e.g., 25 minutes by default).
- Save preferred timer settings for future sessions to avoid reconfiguration each time.
- Receive notifications when a session ends to stay informed without constantly checking the timer.

Acceptance Criteria:

- The timer must allow input of any duration for work and break periods.
- User preferences should be stored locally or through user accounts for persistence.
- Notifications should be clear and function across different devices and browsers.

Design Plan:

Sprint Planning:

- Prioritize user stories and allocate them to sprints, focusing first on core functionalities like customizable timers, followed by enhancements such as notifications and preference saving.

System Architecture:

- Design a modular architecture to facilitate easy updates and maintenance.
- Plan for a responsive UI to ensure compatibility across various devices.

User Interface (UI):

- Create wireframes that include input fields for setting custom times, buttons for starting, pausing, and resetting the timer, and options for saving preferences.

Implementation:

Development:

- Implement the timer functionality allowing users to input and start custom durations.
- Develop features to save and retrieve user preferences.
- Integrate notification systems to alert users at session completions.

Testing:

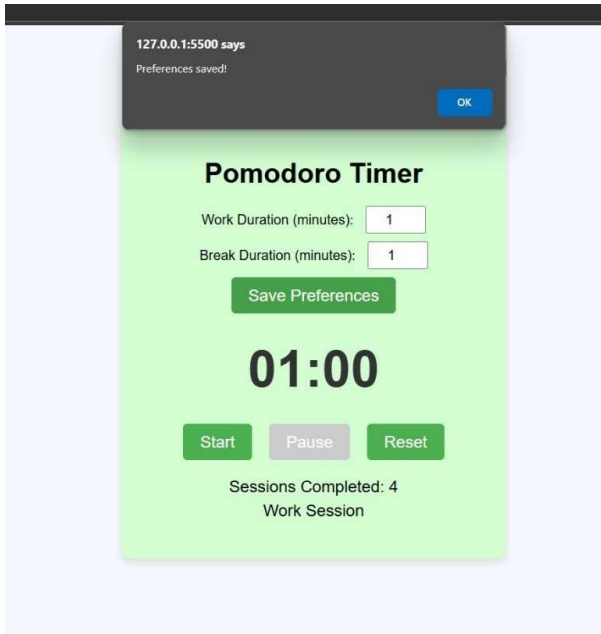
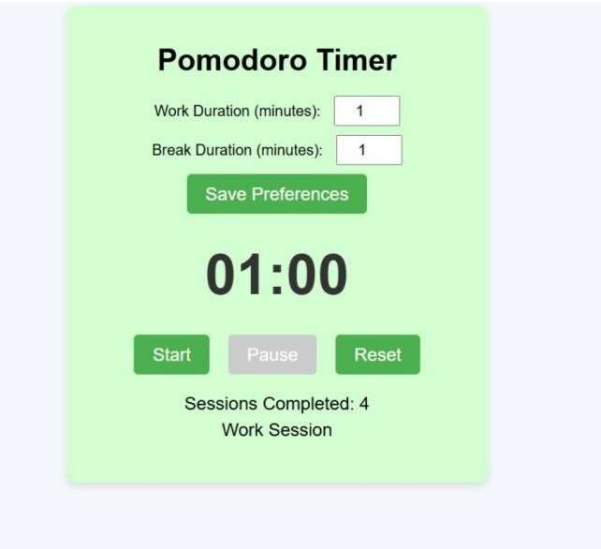
- Tested in Chrome, Edge, Opera, Safari, phone.

Deployment:

- Hosted the website in Github Pages.

Maintenance:

Monitored for user Feedback.



Pomodoro Timer

Work Duration (minutes):

Break Duration (minutes):

Save Preferences

00:33

Start

Pause

Reset

Sessions Completed: 4
Work Session

Pomodoro Timer

Work Duration (minutes):

Break Duration (minutes):

Save Preferences

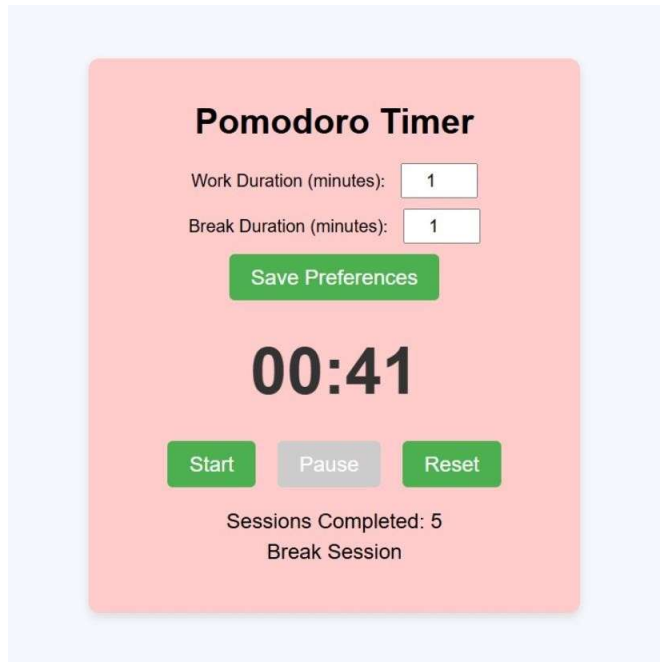
01:00

Start

Pause

Reset

Sessions Completed: 5
Break Session



GitHub Link:

<https://sree-govinth.github.io/Agile2-FocusFlowTimer/>