

Digital Portfolio



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PROJECT TITLE

simple-timer

AGENDA

1. Problem Statement
2. Project Overview
3. End Users
4. Tools and Technologies
5. Portfolio design and Layout
6. Features and Functionality
7. Results and Screenshots
8. Conclusion
9. Github Link



PROBLEM STATEMENT

- Many students and professionals face difficulty in managing their tasks on time.
- • Lack of a simple and lightweight tool leads to reduced productivity. Existing tools are often complex, overloaded with features, or not user-friendly.
- A need for a simple-timer that is easy to use, efficient, and accessible.



PROJECT OVERVIEW

A lightweight application to manage time efficiently.

Allows users to set countdown timers for tasks.

Provides start, pause, and reset options.



WHO ARE THE END USERS?

Students → for study sessions, exam preparation, and practice tests.

Teachers/Trainers → for managing class activities, quizzes, and presentations.

Professionals → to manage tasks, meetings, and productivity breaks.

Developers/Designers → for coding sprints, debugging sessions, and design reviews.

TOOLS AND TECHNIQUES



Frontend: HTML, CSS, JavaScript

Backend (optional): Node.js (if server-side features are added)

Frameworks/Libraries: React.js (for interactive UI)

Database (optional): Firebase / MongoDB (if storing timer history)

Version Control: Git & GitHub

POTFOLIO DESIGN AND LAYOUT

Clean and Minimal UI → simple colors and fonts for easy readability.

Homepage → quick access to set/start/ reset timer.

Navigation Bar → easy switch between features (Timer, History, Settings).

Responsive Design → works on desktop, tablet, and mobile devices

FEATURES AND FUNCTIONALITY

1. Customizable timer intervals: Set specific time intervals for tasks or breaks.
2. Start/stop/reset functionality: Easily start, stop, and reset the timer.
3. Visual and audio alerts: Receive notifications when the timer goes off.
4. Multiple timer modes: Options for different timer modes, such as countdown or Pomodoro.

RESULTS AND SCREENSHOTS



CONCLUSION

The Simple Timer provides an easy-to-use solution for time management.

Helps users improve productivity and task efficiency.

Designed with a clean interface and minimal features for better focus.

Can be extended with additional functionalities like alerts, customization, and reports.

<https://github.com/swethass538-bit/Savitha-TNSDC-DP.git>