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pomodoro timer

By group 3

Introduction

Effective time management is crucial for academic and professional productivity.

Students often struggle with maintaining focus and avoiding distractions during study sessions.

The Pomodoro Technique addresses this by structuring work into focused intervals, typically 25 minutes, followed by short breaks.

This project showcases a functional Pomodoro Timer, developed using core JavaScript principles, to aid in focused work.



Technologies Used

Objective

To develop a robust countdown timer mechanism.

To implement JavaScript's timing functions (setTimeout, setInterval) effectively.

To demonstrate proficiency in Document Object Model (DOM) manipulation for dynamic web content.

To create an intuitive user interface for enhanced user experience.

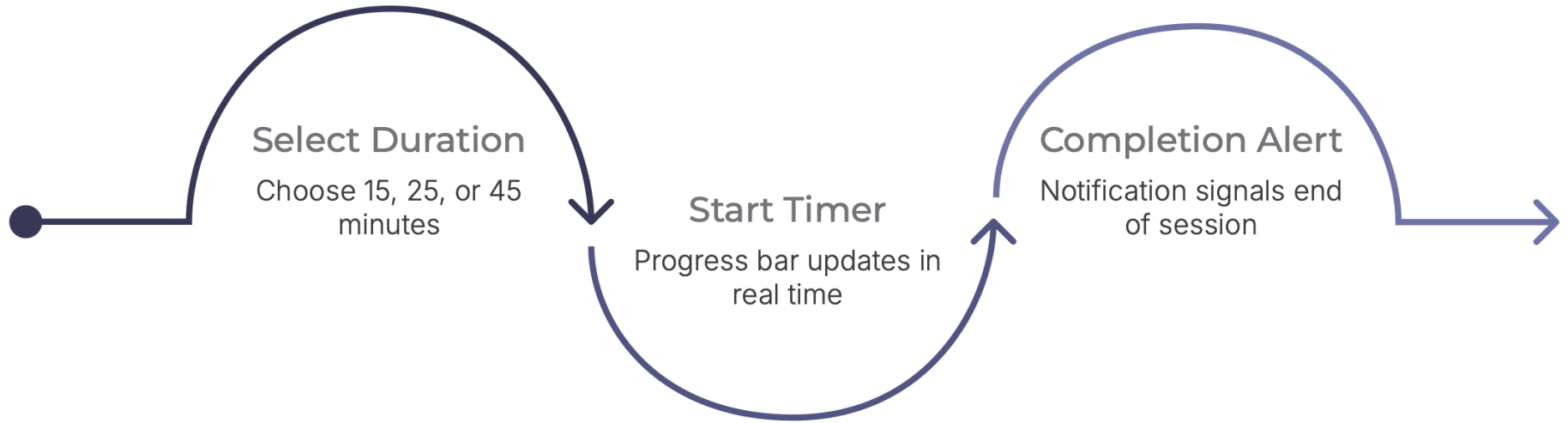


HTML: Provides the fundamental structure and content of the web page.

CSS: Styles the interface, ensuring a clean, professional, and readable layout.

JavaScript: Powers the core timer logic, user interactions, and dynamic updates.

Project Working



The user initiates the Pomodoro cycle by selecting a preferred work duration (e.g., 15, 25, or 45 minutes). The timer then commences, visually indicated by a dynamic progress bar that reflects the remaining time. Upon completion of the focused interval, a distinct notification and an audible alert signal the end of the session, prompting the user for a break.



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Thank You