Modal Component

Framework

JavaScript

Goal

Create a JavaScript app in a TDD manner that uses Jest to validate that a modal component opens, closes, and renders its content conditionally.

Instructions

1. Write tests for modal in closed and open states (check CSS classes or hidden attribute)
2. Write a test that clicks "Open Modal" button and expects modal to become visible
3. Add a "Close" button and test that it hides the modal
4. Test clicking outside the modal closes it (optional)
5. Create modal show/hide functionality using DOM manipulation
6. Test modal accessibility: verify role="dialog" and aria-modal

Tech & Tools

- Jest with DOM testing
- addEventListener, click() events
- CSS class manipulation: classList.add/remove
- DOM attributes: hidden, role, aria-modal

What to Test

- Modal is hidden by default (has hidden attribute or CSS class)
- Clicking "Open" button shows modal (removes hidden or adds visible class)
- Clicking "Close" button hides modal
- Modal has proper accessibility attributes when open