

# NavigationMenu Component

## Framework

React

## Goal

Test route-aware behaviour by simulating navigation and asserting that components render based on route state.

## Instructions

1. Use react-router-dom's MemoryRouter in your test file with initialEntries to simulate starting at a given route.
2. Create a NavigationMenu with links to different routes (e.g. /home, /about, /profile).
3. Write a test that renders a route path and asserts the correct page content is visible.
4. Simulate a user clicking a link using fireEvent.click, then verify the new content renders.
5. Optionally, test that active link styling or route-specific logic works (e.g. showing/hiding elements).

## Tech & Tools

- react-router-dom and MemoryRouter
- React Testing Library: getByText, fireEvent.click
- Jest for assertions

## What to Test

- Initial route renders expected page content
- Clicking a link updates the route and shows new content
- Navigation elements respond correctly to route changes
- Optional: check active link highlighting or conditional logic