

# Interaction Testing with React Testing Library

# Agenda

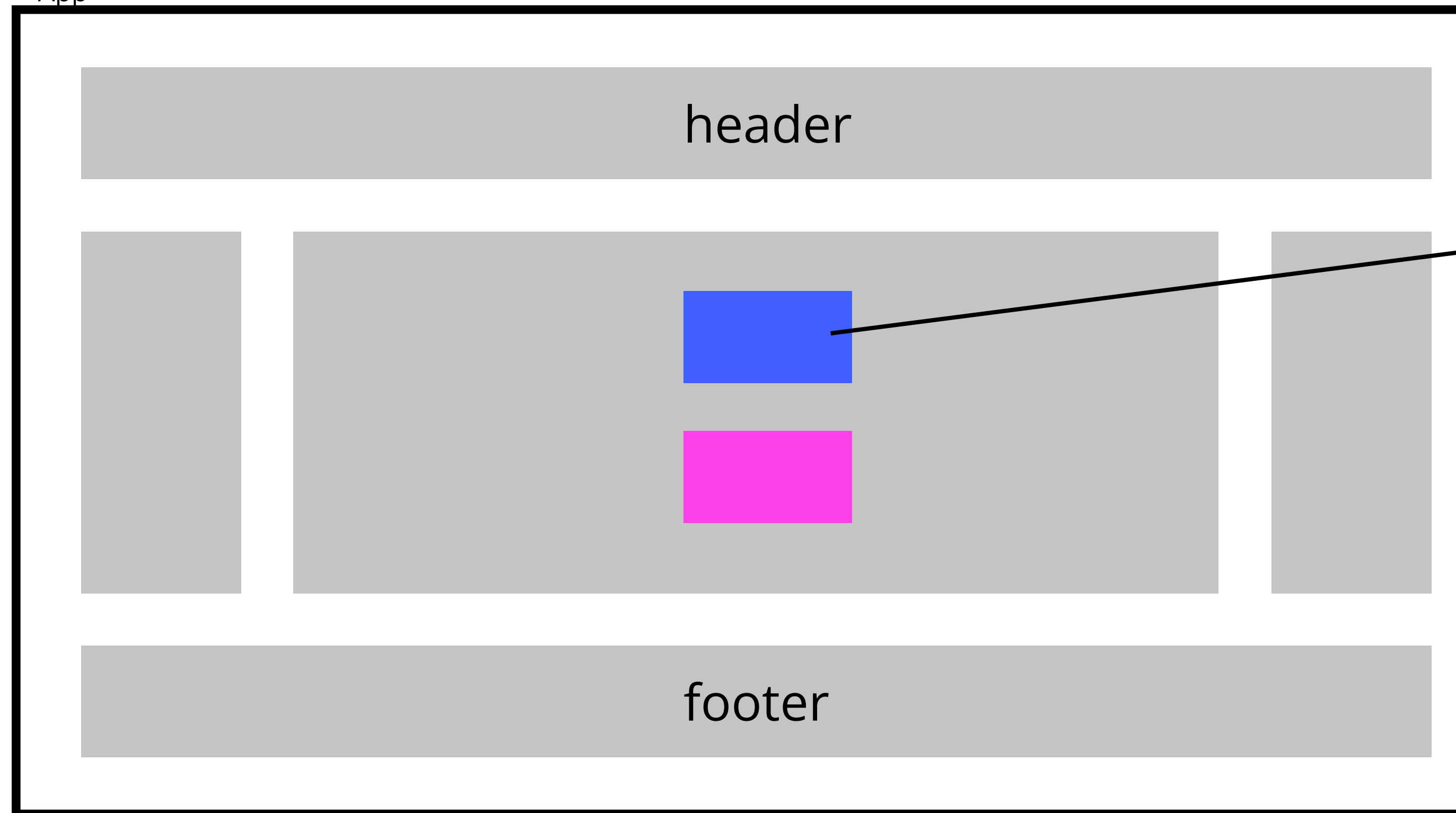


- What to test?
- React Testing Library
  - Testing philosophy
  - Queries & accessibility
- Demonstration
- Takeaways

# Isolating Components



App



header

footer

component under test

# What to test?



- Rendering Logic
  - Conditionals (`&&` or `?` `...` `:` `...`)
  - Loops (`.map()`)
- Interactions resulting in state changes
- Data validation, etc.

# Philosophy



- Avoid testing what the user can't see
  - Only test what's on the page
  - Structure of tests
- Testing for accessibility

# Queries



- Use `getBy`, `queryBy`, `findBy`
  - and their `allBy` counterparts

<https://testing-library.com/docs/queries/about>

- Accessible components

<https://developer.mozilla.org/en-US/docs/Web/Accessibility/ARIA/Roles>

# Takeaways



- Test logic, state changes and validation
- Use accessible queries first
- `getBy` or `queryBy` (we'll use `findBy` more later)
- Lean on the docs!