Problem: Warning: An update to Component inside a test was not wrapped in act(...). When testing, code that causes React state updates should be wrapped into act(...):

Solution: If are using react testing library , use findByText() or waitForElement/waitFor() apis .

waitForElement/waitFor is depreciated in recent version since it was wrapped inside findBy\* apis.

Basic concept to understand is whichever version/library is used, for solving this problem you need to wait for the page to load the element needed and this can be achieved by asynchronous operation. So find the apis related to that scenario. As time passes on, this findByText also may get depreciated , so knowing basic concept is important.

Here React library renders first time and if it has side effects then it renders again so we have to wait for the element to appear in the page. Hence we are using findByText instead of getByText .

Extras:

In the error, you would have found “inside a test was not wrapped in act(...)” but if you are using react testing library you might have used render() to render components for consistency purpose.

Reason is because react testing library basically involves in testing react components and built on top of testing library(which tests web pages by querying and interacting with DOM nodes) . So react testing library wraps react-dom/utils which provides the act() api and wraps it and finally gives render() api.