

Manual exploratory testing of final project app - Tue 30 Apr 2024

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Method: Nadia and I have started a timer, 30 min, simultaneously. We will investigate the app independently, each on one browser, me on Safari, Nadia on Firefox.

My server is not currently running. I will follow the new installation instructions, as merged this morning, and go from there.

On executing final line of installation instructions:

```
python app.py
```

We have the following error:

Traceback (most recent call last):

File

```
"/Users/amirrehmankhan/Documents/Coding/QEFinalProjectBookclub/the_bookclub/api/app.py", line 1, in <module>
```

```
    from flask import Flask, jsonify, request, session, redirect
```

```
ModuleNotFoundError: No module named 'flask'
```

—

After some time, re-pulling into main and reinstalling to run, I now have both servers running and am in a position to manually test...I have reset my timer.

I am running in Safari Version 17.4.1, on macOS Version Sonoma 14.4.1.
Screen resolution is 1920x1200

When I first open the app, I have an image unaligned to top of screen, which seems strange. I need to scroll down manually, to see the whole of a very beautifully shaded transparency, on top of which the login dialog sits.

The tab lists the app as "Vite + React" which is not ideal, and should be changed.

The app appears to be called "Book Club" this seems a little generic, and as a brand, may not stand out, nor be easy to search for, for someone looking for the app in a downloads store or in a generic search engine.

The central login dialogue looks absolutely beautifully styled, everything is centred, a good size, clear and readable for a user without accessibility needs. Accessibility tests will be run later.

On the login/signup screen, the button is labelled "Submit." This seems a little developer-centric. "Log in" or "Sign in" may be more user-friendly.

The pastel shades are very welcoming and seem highly suitable for children, although at this stage, it is parents who log in, for child safety reasons.

I do not have an account. I will try to submit without entering any username or password, by simply clicking submit.

Clicking submit does absolutely nothing, which is good. Even clicking repeatedly does absolutely nothing, though after a number of clicks, some kind of message advising on how to move forward might be better.

I am going to try to submit after just entering a one character password: "a". When I click on the password field, a strange list and unexpected list of two items pops up, which is confusing. Maybe this is Safari specific. One option is "Passwords..." which possibly goes into some kind of password manager; the other is "Suggest new password" I will come back to this, but first will select neither, just enter single character: "a".

As soon as I type "a" in the password field, the list disappears, and the Submit button changes colour, to a darker shade. Possibly it was disabled previously. I will try deleting the "a" to see if the button returns to its previous state... It does not. Hovering over it now, highlights it. I will try clicking on it now, with neither password nor username entered... Nothing happens when I click it, though it does change shade when I hover over it. I don't think it used to do that before I entered a single "a" in the password field.

I will restart the app to double-check this.

I closed the app tab in Safari.

I have manually stopped both servers running in their respective terminal windows, by pressing Ctrl-C.

I am unsure if Safari is caching any data. I will check, to try to clear its cache.

I have cleared the entire history of the browser.

I will now rerun the servers in the terminal windows...

Done. When I cleared my browser history, it logged me out of this Google docs account. I have logged back in. I saw the same list in the password field, so it appears to be a Safari issue.

The newly opened app Submit button does indeed change colour when hovering over it, it just does nothing when clicked. It appears that state management is working correctly. I will try this again.

After typing "a" then deleting it, the default colour of the button is dark, and goes light when hovering over it. This seems to have flipped, which may be a state error. I will try that again. Restarting the app...

I closed the tab for the app in the browser, stopped both servers in their terminal windows, then restarted the servers and reopened the app in the browser. I observe now that the initial setting of the Submit button is dark, and then goes light when hovering over it. That is the opposite to what I expect. This may be worth raising with developers.

I have now tested for the same condition on github and Facebook, two major sites. Both have sign-in / login buttons that become a lighter shade when hovering over them. This is unexpected, but may be a standard with which our app is actually correctly consistent.

I consulted with our other QE, Nadia, she had an odd bug occurring in her tests on firefox. I have duplicated it as follows:

from the login page, change the url to remove the “/login” part of the URL. We end up inside the app, in some kind of reader page, without having logged in. This is a major flaw to report to developers.

We reported this bug as an issue on Github and also explained it to developers in our late-afternoon meeting.