QE potential alternative installation instructions FAO developer team

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Based on manual exploratory testing of the original README.md installation instructions, as below, and additional dependencies / information / steps required, we are suggesting some modifications, mentioned later.

Original README.md (installation section) as manually tested:

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Set up instructions

1. cd into frontend folder
2. run npm install
3. run npm install react-router-dom@latest
4. run npm dev to start frontend server
5. cd into api folder
6. run pipenv install
7. run pipenv shell
8. run pipenv install Flask
9. run pipenv install psycopg
10. Create databases in your terminal: createdb bookclub & createdb test_bookclub
11. Seed databases: psql bookclub < seeds/bookclub.sql; psql test_bookclub < seeds/bookclub.sql
12. run python app.py to start the backend server
13. navigate to http://localhost:5173/

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We noticed that nothing has been mentioned about operating system needed for this installation. It has only been tested successfully on macOS 14.4.1 (23E224)

We noticed that nothing has been mentioned about which browser is expected. Tests so far have only been run on Safari Version 17.4.1 (19618.1.15.11.14)

We noticed that there appears to be a dependency on the Python language and Node runtime environment that has not been mentioned.

We noticed that the instructions also assumed npm and pipenv were installed.

Suggested alternative below:

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Set up instructions:

These instructions are for macOS, (tested on version 14.4.1)

It is assumed that that the following are already installed:

- node
- npm
- pipenv
- python
    - if your interpreter is called using the command python3 or any other command incorporating version number, you may need to amend instructions accordingly, so that the "python" command invokes the interpreter
- PostgreSQL
    - current user has permission to create new database and tables

After cloning the repository, using the CLI, change into the top-level directory of the locally cloned version. Then execute the following commands in sequence:

—

cd frontend

npm install

npm install react-router-dom@latest

npm run dev

—

The above should start the front-end server running in the terminal window. A new terminal tab will be needed. In that new terminal tab, again, change into the top-level directory of the locally cloned version of the project and in that same new terminal tab, enter the following commands:

—

cd api

pipenv install

pipenv shell

pipenv install Flask

pipenv install psycopg

createdb bookclub & createdb test_bookclub

psql bookclub < seeds/bookclub.sql; psql test_bookclub < seeds/bookclub.sql

python app.py

—

At this stage, both front-end and back-end servers should be running. Open the following link with your browser (currently tested on Safari version 17.4.1)

http://localhost:5173/

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