STP – BookStore – Sela

Final Curse Project

Test Website - /localhost/ Tests Tools:

1. HandBy Tests

2. RestAPI Req

3. Automation Tests with python

4. Selenium and PlayWright

Feauters to tests :

1. Register

2. Login

3. Store

4. Authors

5. Authors Page

6. Search

STD - Software Test Description

UI:

Test:

| Remarks | pass/fail | expected result | test | page |  |
| --- | --- | --- | --- | --- | --- |
|  | pass | All links bring the right page | test links |  | 1 |
|  | pass | Does not bring books | empty search input |  | 2 |
|  | pass | result equal to the search | book search input |  | 3 |
|  | pass | no result | not exist book search input |  | 4 |
|  | pass | result equal to the search | author search input |  | 5 |
|  | pass | no result | not exist author search input |  | 6 |
| No detailed error message | pass | stay in the same page | test empty email | register | 7 |
|  | pass | stay in the same page | test invalid email |  | 8 |
| No detailed error message | pass | stay in the same page | test shorter password |  | 9 |
| No detailed error message | pass | stay in the same page | test longer password |  | 10 |
| No detailed error message | pass | stay in the same page | test empty password |  | 11 |
| No detailed error message | pass | stay in the same page | test empty firstName |  | 12 |
| No detailed error message | pass | stay in the same page | test empty lastName |  | 13 |
| No detailed error message | pass | stay in the same page | test register registered email |  | 14 |
|  | pass | go to Store page | test valid register |  | 15 |
| No detailed error message | pass | stay in the same page | invalid email | login | 1617 |
| No detailed error message | pass | stay in the same page | valid email & empty password |  | 18 |
| No detailed error message | pass | stay in the same page | unregister user |  | 19 |
|  | pass | go to Store page | register user |  | 20 |
|  | pass | error message | buy book without login | store | 21 |
|  | pass | Message to the customer | buy book with login |  | 22 |
|  | pass | error message | Buy a book that is not in stock |  | 23 |
|  | pass | logout | logout |  | 24 |
|  | pass | go to author page | test link to author page |  | 25 |
|  | pass | All books belong to the author | valid books of author in author page | author | 26 |
|  | pass | same amount | valid amount author books |  | 27 |

OI

1. No style in the pages (margin, colors) and the website don’t look modern

2. There are no introductions for filling out the form inside the register page, what required and what not, what’s the limits for the password input

3. Its not clear what the sentence :"We'll never share your email with anyone else" that under email input in the both register and login pages mean, why it's not under the other inputs?

4. The website is not responsive, so it's not suitable for mobile devices and tablets

5. The amount of the books after purchasing updated just after refreshing the page and it can cause to confuse about the current amount

6. There is no clear explanation or summary for the books

7. The prices of the books are without currency, so it's not known exactly how much each book costs

8. Its not clear why the author's address is displayed inside Autor Page

9. Better to add a link to the registration page on the navbar to facilitate user registration

Bugs

Register Page

1. Submit button is not send any request and therefore is not possible to register to the site

2. No appropriate error messages after submitting the form with empty password input or password with less than 4 chars or more than 15 chars

3. No appropriate error messages after submitting the form with empty first name input or empty last name input

Login Page

1. No appropriate error message after submitting the form with empty email input

2. No appropriate error messages after submitting the form with empty password input or password with less than 4 chars or more than 15 chars

3. No appropriate error message after submitting the form with unregistered user details

4. The page is displayed the same after login to the system and allows multiple logins

Store Page

1. Clicking on the purchase button of any book with amount 0 throw a misleading message about the purchase of the book that don’t exist and after that some unclearly 400 error message is thrown

2. The process of buying is not clear, is online purchasing or delivery? If it's delivery, no option to add address details, no option to add credit card number

Author Page

1. It's not possible to purchase a book on this page

Search Page

1. It's not possible to purchase a book on this page

API :

Test:

| remark | pass/fail | actual result | expected result | test | API |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  |  | Account |
|  | pass | status code 200 | status code 200 | test valid post register | post-register |
|  | pass | "The Email field is required." | message error | post register with empty email |  |
|  | pass | "The Email field is not a valid e-mail address." | message error | post register with invalid  email |  |
|  | pass | "Your password is limited to 4 to 15 characters" | message error | post register with short/long password |  |
|  | pass | "The Password field is required." | message error | post register with empty  password |  |
|  | pass | f"Username '{*My\_Register*.email}' is already taken." | message error | post exist register |  |
|  | pass | my userId equal to userId response | my userId equal to userId response | post login | post-login |
|  | pass | "The Email field is required." | error message | post login with empty email |  |
|  | pass | "The Email field is not a valid e-mail address." | error message | post login with invalid email |  |
|  | pass | "One or more validation errors occurred." | error message | post login with empty password |  |
|  | pass | "Unauthorized" | error message | post login with invalid password |  |
|  | pass | "Your password is limited to 4 to 15 characters" | error message | post login with sort/long password |  |
|  | pass |  | userId login equal to response refreshtoken | post-refresh token | post-refreshtoken |
|  | pass | "Unauthorized" | message error | post-refresh token with invalid userId or invalid refreshtoken |  |
| No detailed error message | fail | status code 500 | message error | post-refresh token with invalid token |  |
|  |  |  |  |  | Authors |
|  | pass | post author and search him in result  get all authors | post author and search him in result  get all authors | get-authors | get author |
|  | pass | name author in response post author | name author in response post author | post valid author | post author |
|  | pass | "The Name field is required." | error message | post author with empty name |  |
|  | pass |  | response authorid equal to id | get author by valid author id | get author by id |
|  | pass | "Not Found" | error message | get author by invalid id |  |
|  | pass | "Not Found" | error message | get author by unexist id |  |
|  | pass | 204 | res.status code == 204 | put author by valid id | put author by id |
|  | pass | "Not Found" | message error | put author id with invalid id |  |
|  | pass | "The Name field is required." | message error | put author id with empty name |  |
|  | pass | response equal 204  error message to get author by id "Not Found" | response status code == 204 &  get author by same id get error message | delete author by id | delete author by id |
|  | pass | "Not Found" | error message | delete author by invalid id |  |
|  | pass | input search in response text | input search in response text | get search | get- search |
|  |  |  |  |  | Books |
|  | pass | response status 200 | response status 200 | get books | get-books |
|  | pass | response name equal to name newBook | response name equal to name newBook | post book | post-books |
|  | pass | "The Name field is required." | error message | pose book with empty name |  |
| No detailed error message | fail | response  status code 500 | error message  "The authorId field is required." | post book with invalid authorid |  |
|  | pass | "The field AuthorId must be between 1 and 2147483647." | error message | post book with error author id |  |
|  | pass | status code 200 | get book name  equal to response book name  response status code 200 | get book by id | get book by id |
|  | pass | "Not Found" | error message | get book with invalid id |  |
|  | pass | status code 204 | response status code 204 | put book by id | put book by id |
|  | pass | "Not Found" | error message | put book with invalid id |  |
|  | pass | "The Name field is required." | error message | put book with empty name |  |
|  | pass | "Not Found" | error message | put book with invalid author id |  |
|  | BUG | status code 403 | response status code 200 | delete book with valid id | delete book by id |
|  | BUG | status code 403 | error message | delete book with invalid id |  |
|  | pass | All books belong to the author id | All books belong to the author id | get books by author id | get books by author id |
|  | pass | get empty list | get empty list | get book with invalid author id |  |
|  | pass | "400 Bad Request - purchase unsucessful" | error message | put book purchase with invalid id | put purchase by id |
|  | pass |  | book name in response put purchase text | put purchse by id |  |

OI:

Search with text by book title

Account - post refreshtoken : When you put wrong token it doesn't give an error message

Book - post: no description about bad request

Book - put book by id : No error message when you put unexisting userId

BUG:

Book - Delete : The function does not delete the book

GET BOOK FIND AUTHOR BY AUTHOR ID : Even when you put invalid/unexisting authorid the status code is 200