

STP – BookStore – Final Project

Test Website - Book Store - V1

who wrote :	Date:
Shay Dayan	21/09/2022

Must have installed to run :

*Works with a Driver-manager installer, may need internet connection active.

Softwares:

1. Java
2. python
3. allure - for allure report
4. selenium
5. playwright
6. docker
7. Remote Selenium grid

Browsers :

Chrome
Firefox

Docker - run containers relevant to test

Book Store - docker-composev1.yml

Bookstore Can be found = <https://localhost/>

RestAPI Can be found = <http://localhost:7017/swagger/index.html>

remote selenium grid:

Chrome
Firefox

Tests Tools:

1. Manual Tests
2. API Req
3. Automation Tests with python
4. Selenium and Selenium Hub remote driver
5. PlayWright

Useful links :

1. selenium grid - https://www.selenium.dev/documentation/grid/getting_started/

STD - BookStore V1 - Final Project

BookStore Admin user data:

- Email: admin@sela.co.il;
- Password: GenericPass

BookStore Test user data:

- Email: test@cheack.co.il;
- Password: 12345

Invalid :

Pass_Invalid_low = 123

Pass_Invalid_High = 1234567890123456

Valid:

Pass_valid_low = 1234

Pass_valid_High = 123456789012345

Invalid combination :

Invalid email : Email not in [XXX@XX.XX.XX](#) format or empty

Invalid pass : Low/ High / Empty

Features to tests On Website :

1. Register
2. Login
3. Store
4. Authors
5. Authors Page
6. Search
7. Purchase

Feature: login

TC	what to test	Type	Steps	Input	Expected	Actual	Remarks
1	login acceptance WEB	invalid functional	go on main page	website url	welcome page	login page	redirect client to main page
			insert Invalid info	see table attached	Error MSG	only on email part	custom MSG
			mach url		login page	login page	
2		valid functional					
			insert Valid info	see users above	welcome page	welcome page	custom MSG success log in
3	login acceptance API	invalid functional	go on API page	API url	API page	API page	
			insert Invalid info	see table attached	Error MSG	Error MSG	custom Return Wrong Scheme
			check login	try log in on website	login page	login page	custom MSG

4		valid functional					
			insert invalid info	see users above	authoUser*	authoUser*	
			insert Valid info	see users above	welcome page	welcome page	custom MSG success login

Feature: register

TC	what to test	Type	Steps	Input	Expected	Actual	Remarks
5	register acceptance WEB	invalid functional	go on main page	website url	welcome page	login page	redirect client to main page
			navigate to login page	click login	login page	login page	
				click register	register page/ ability to fill details	register page/ ability to fill details	
			insert Invalid info	see table attached	Error MSG	only on email part	custom MSG
			try log in	see table attached	Error MSG	only on email part	custom MSG

6		valid functional					
			insert Valid info	see users above	welcome page	welcome page	custom MSG success register
			try log in	see users above	LOGIN PAGE	NO ACTION!	REGISTER NOT WORKING
7	register acceptance API	invalid functional	go on API page	API url	API page	API page	
			insert Invalid info	see table attached	Error MSG	Error MSG	custom Return Wrong Scheme
		valid functional					
			insert valid info	see users above	custom Return Success register	return no text	custom Return
			try log in on web	see users above	welcome page login OK	welcome page login OK	
			log in API	see users above	USER API auth	USER API auth	

Feature: store page

TC	what to test	Type	Steps	Input	Expected	Actual	Remarks
8	store content	sanity check	go on main page	website url	welcome page	login page	redirect client to main page
				click store btn	Store page	Store page	LOGO BTN ?
			ask API	get books	books	books	

	WEB						
10	WEB / API after put UPDATE		put book on api with admin user	see last test	success	success	custom Return
			check content of store		book exist and changed	book exist and changed	
11	WEB / API after DELETE		DELETE book on api with admin user	see last test	success	success	custom Return
			check content of store		book Not exist	book Not exist	
12	Purchase WEB No login	Invalid functional	go on main page	click store btn	Store page	Store page	
			click Purchase	last book	Must be logged in to Purchase	Must be logged in to Purchase	
13	Purchase No login API		Put Purchase	last book ID	Unauthorized	Unauthorized	Costume MSG
14	Purchase WEB No amount in stock after log in		click Purchase	last book	1 msg Purchase success 2 msg ERROR	No amount in stock	Costume MSG
15	Purchase API No amount in stock after log in		Put Purchase	last book ID	No amount in stock	ERRORE	Costume MSG

Feature: authors page

TC	what to test	Type	Steps	Input	Expected	Actual	Remarks
16	Content of Authors page	sanity check	go on main page	website url	welcome page	login page	redirect client to main page
			navigate to Authors page	click Authors	Authors page	Authors page	
			get authors from api	get authors	authors	authors	
			click go to author page		author page	author page	
			mach results		3	3	
	Content of Authors page after post	Valid functional	post on api with admin user	Post Author see table	Post Author Response	Post Author Response	
17			get authors from api	get authors	authors	authors	
			mach results website/API		4	4	
			mach content of Author		Mach	Mach	
18	Content of Authors page after PUT/UPDATE		PUT on api with admin user	update name see last test author id	PUT Author Response	PUT Author Response	

			get authors from api	get authors	authors	authors	
			mach results website/API		4	4	
			mach name of Author		name	name	
19	Content of Authors page after Delete		Delete on api with admin user	see last test author id	success	no response	costume msg
			get authors from api	get authors	authors	authors	
			mach results website/API		3	3	

Feature: author page

TC	what to test	Type	Steps	Input	Expected	Actual	Remarks
20	Content of Author page	sanity check	go to authors page	click Authors page	Authors page	Authors page	
			get authors from api	get authors	authors	authors	
			mach results		3	3	

			go to at author page	click on last author	Author page	Author page	
			get authors api (last)	take cordinnent	float	float	
			check map coordinates	take cordinnent	N/S -E/W	N/S -E/W	Why Google map for?
			mach results	use equation	float	float	
21	Content of Author page after post		post on api with admin user	Post Author see table	Post Author Response	Post Author Response	
			mach results		4	4	
			go to at author page	see table	Sela inc	Sela inc	
			check books in it	see table	1	1	
22	Content of Author page after put / UPDATE		UPDATE on api with admin user	PUT Book name see last test	success	no msg	costume msg
			go to at author page	see table	Sela inc	Sela inc	
			mach results		"danny"	"danny"	

23	Content of Author page after Delete		Delete on api with admin user	Delete author see last test	success	no msg	costume msg
			mach results		author not exists	author not exists	
			mach results		3	3	

Feature: Search page

TC	what to test	Type	Steps	Input	Expected	Actual	Remarks
24	Search empty text click on search once	sanity check	fill text box	empty			
			click search		Nothing	search page with no results	costume msg on None text search
25	Search empty text click on search twice	sanity check	fill text box	empty			
			click search onec		Nothing	Nothing	costume msg on None text search
			click search twice		Nothing	search page with all in store	costume msg on None text search
26	Search by author name. after post click on search once	valid functional	post on api with admin user	Post Author see table	Post Author Response	Post Author Response	

			fill text box	see table			
			click search once		author posted	No results	Fix Search on Website
27	Search by author name. after post click on search Twice	valid functional	fill text box	see table			
			click search once		author posted	No results	Fix Search on Website
			click search Twice		author posted	author posted	Fix Search on Website

Tests that not implemented :

1. Test speed of load page
2. Test DB with Query
3. test invalid input of Books \ Authors
4. tests Search page with complex Text combination
5. test integration with DB
6. test Load max of Users / Books / Authors combination (over max limit)
7. test Stress Users / Books / Users combination (over max limit)
8. test Whether on API
9. Complex Tests on google map feature

Open issue API :

num	What	Where	Expected	Actual	remarks
-----	------	-------	----------	--------	---------

1	Weather Forecast	Scheme/API	Weather Forecast	Weather Forecast	What for?
2	Problem Details	Scheme	Scheme	Miss Match	Update Scheme
3	Responses	Post Account	Success	status code OK	Costume msg
4	Responses	Post Author Valid	Success	status code OK	Costume msg
5	Responses	Get Author Invalid	Not documented	Not found	Costume msg
6	Responses	Delete Author Invalid	Success	status code OK	Costume msg

Open issue WEB :

num	What	Where	Expected	Actual	remarks
1	Logo	Top	IMG	BTN	What for?
2	Google Map	Author page	?	location of author Lo and LA	What for?
3	Purchase	Author page	Available	Unavailable	Why?
4	Purchase	Search Page	Available	Unavailable	Why?
5	Search	Website click once	results	no results - need to click twice	need fix

Bugs :

num	What	Where	Expected	Actual	remarks
1	Register Website	Website	Register	No Action	need fix
2	Purchase no amount in	Website	no amount in stock	1 msg thanks for Purchase 2 Error	need fix

	stock				
3	Search	Website click once	results	no results - need to click twice	need fix
4	Book Pic Size	Website	Scaled Pic	No match to Frame is in	need fix

Project Scheme :

