



“Online Book Store”

Summer Internship 2025

Manual Testing with JIRA and SCRUM

By

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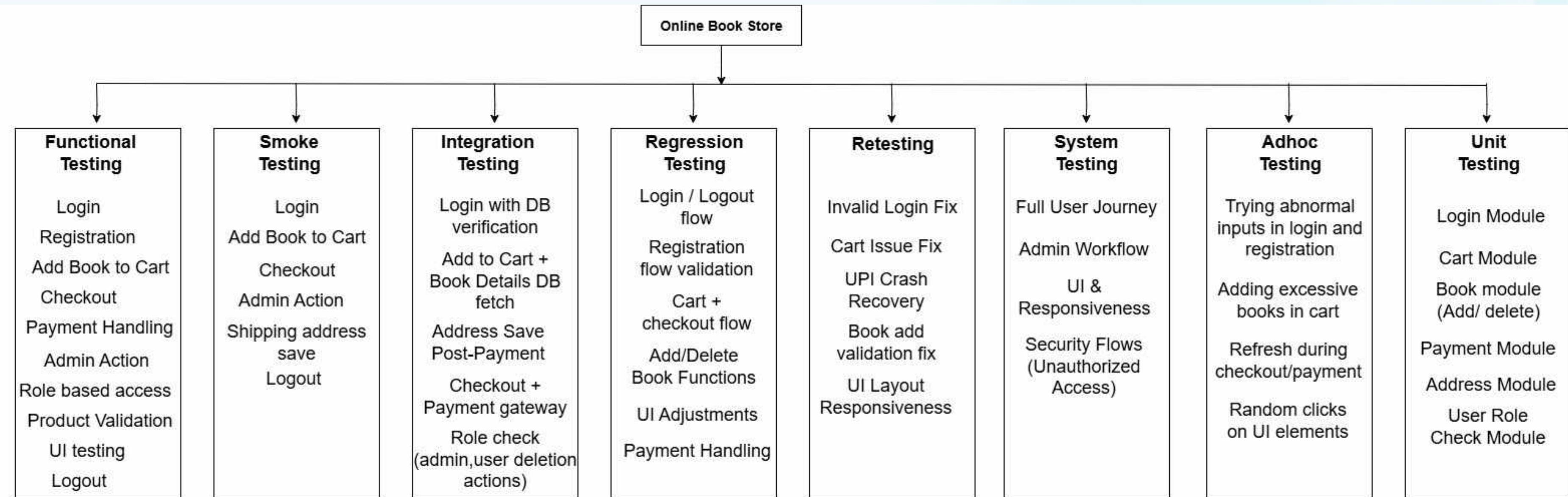
Under the supervision of

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DFD: Data Flow Diagram



RTM: Requirement Traceability Matrix

Requirement ID	Requirement Description	Test Case ID(s)	Test Case Description	Test Status
REQ-01	User login functionality with valid data	FTTC-02, STTC-02, SYTC-02, RETC-01, REGTC-01, ITTC-01	Valid login credential test	Pass
REQ-02	admin login functionality	FTTC-04, STTC-04, SYTC-07, REGTC-02	valid login credential	Pass
REQ-03	user registration	FTTC-18, FTTC-19, FTTC-14, STTC-03, UTTTC-01, SYTC-01, ITTC-06, ADTC-02	signup with valid or missing fields	Pass
REQ-04	test calculateCartTotal() method	UTTC-02	return right total amount	Pass
REQ-05	view books visible to user	FTTC-05, STTC-05, REGTC-06, ITTC-03	display all books to user	Pass
REQ-06	add to cart functionality	FTTC-06, FTTC-13, FTTC-17, FTTC-24, STTC-06, STTC-13, SYTC-04, RETC-02, REGTC-03, ITTC-08, ADTC-01, ADTC-05	add book to cart(logged in / guest)	Fail
REQ-07	home page visibility	FTTC-01, STTC-01,	loads and visible successfully	Pass
REQ-08	User login functionality with wrong data	FTTC-03, UTTTC-04, SYTC-03	Invalid login credential test	Fail
REQ-09	checkout functionality	FTTC-07, FTTC-20, STTC-07, RETC-03, ITTC-02	checkout with items/ empty cart	Pass
REQ-10	proceed to pay functionality	FTTC-08, STTC-08	pay with valid details	Pass
REQ-11	your order display after pay	FTTC-09, STTC-09	user orders display after payment	Pass
REQ-12	logout functionality	FTTC-10, STTC-10, SYTC-08, RETC-05, REGTC-07	logout user	Pass
REQ-13	add book by admin	FTTC-11, FTTC-22, STTC-11, UTTTC-03	add book to system with valid /missing field details	Pass
REQ-14	delete book by admin	FTTC-12, STTC-12, RETC-04, REGTC-04, ITTC-05	book deleted by admin using bookID	Pass
REQ-15	delete book by normal user	FTTC-15, ADTC-03	access denied	Pass
REQ-16	admin update stored book data	FTTC-21, REGTC-08	book details updated	Pass
REQ-17	UPI payment feature addition	FTTC-23, REGTC-05, ITTC-04	UPI payment done during checkout	Fail
REQ-18	Add book with invalid price by addBook>Title, Author, -15	UTTC-05	exception occur	Fail
REQ-19	UI responsiveness	SYTC-06	UI adapt and remain usable	Fail
REQ-20	shipping address save in DB	RETC-06	address saved in DB	Pass
REQ-21	delete book from cart by user	ITTC-07	cart becomes empty	Pass

Functional Testing:

TestPlan ID	Type of Testing	Testcase ID	Testcase description	Expected outcome	Actual outcome	Result(status)
TP-Bookstore011	Functional Testing	FTTC-01	Verify that home page of onlinebookstore should be visible and loads without error	Home page of onlinebookstore should be visible	Home page of onlinebookstore is visible and loads successfully	Pass
TP-Bookstore011	Functional Testing	FTTC-02	Verify that the user can login with valid credentials	User should redirected to dashboard of bookstore	User is redirected to dashboard of bookstore	Pass
TP-Bookstore011	Functional Testing	FTTC-03	Verify that user login with wrong credentials	User should redirected to dashboard of bookstore	User login fails due to wrong credentails	Fail
TP-Bookstore011	Functional Testing	FTTC-04	Verify that the admin can login with valid credentials	Admin should redirected to adminlog page	Admin is redirected to adminlog page successfully	Pass
TP-Bookstore011	Functional Testing	FTTC-05	Check list of available books should be visible to user	The available books should be visibled to user	The list of available books are visibled to user	Pass
TP-Bookstore011	Functional Testing	FTTC-06	To check a book should be added to the cart	A book should be add to cart	A book appears in the cart with no error	Pass
TP-Bookstore011	Functional Testing	FTTC-07	Verify proceed to checkout should be done	Checkout page should load without any issue	Checkout page loads successfully	Pass
TP-Bookstore011	Functional Testing	FTTC-08	Verify proceed to pay should be done with valid details	Proceed to pay by user should done with valid details	Proceed to pay by user is done with valid details	Pass
TP-Bookstore011	Functional Testing	FTTC-09	Verify that all the orders should be displayed after pay	All orders should be visibled after pay	All orders by the users are displayed after paying	Pass
TP-Bookstore011	Functional Testing	FTTC-10	Verify that logout functionality should be done	User shoud be logout and redirected to login page	User is logout and redirected to login page	Pass
TP-Bookstore011	Functional Testing	FTTC-11	Verify that admin add new books	Book added confirmation message	Book is added succesfully with confirmation message	Pass
TP-Bookstore011	Functional Testing	FTTC-12	Test that admin should remove particular book using BookId	Admin should remove the book using BookId	Book is removed by the admin using BookId	Pass
TP-Bookstore011	Functional Testing	FTTC-13	Verify that the click add to cart button repeatedly very fast	One item should be added per click with limit	Cart added duplicates	Fail
TP-Bookstore011	Functional Testing	FTTC-14	Test to enter data 1000+ characters in email during sign-up	Error or validation occur	Validation message displayed	Pass
TP-Bookstore011	Functional Testing	FTTC-15	Try deleting book as a normal user	Access denied or no option should be there to remove	Access denied	Pass
TP-Bookstore011	Functional Testing	FTTC-16	Check random refresh during checkout	Page reloads and retains state	Page reset and cart checkout empty	Fail
TP-Bookstore011	Functional Testing	FTTC-17	Check cart limit when added 40+ book items	Handled gracefully during add to cart items	Browser works properly	Pass
TP-Bookstore011	Functional Testing	FTTC-18	Verify that the user signup with valid user data	User account created , redirect to login page	Account created and redirected	Pass
TP-Bookstore011	Functional Testing	FTTC-19	Verify that user signup with missing fields	error message should be please fill out this field	error message is dispalyed as please fill out this field	Pass
TP-Bookstore011	Functional Testing	FTTC-20	Verify that the checkout with empty card	error message no items in the card	no items in the card is displayed	Pass
TP-Bookstore011	Functional Testing	FTTC-21	Verify that the admin should update the store book data	Meassge should be book details updated succesfully	Book details updated	Pass
TP-Bookstore011	Functional Testing	FTTC-22	Add a book with missing details by admin	show error please fill out this field	error is displayed please fill out this field	Pass
TP-Bookstore011	Functional Testing	FTTC-23	validate UPI payment feature addition	order success and redirect to order summary	checkout stuck on payment (UPI not loading)	Fail
TP-Bookstore011	Functional Testing	FTTC-24	admin add a book->user add book in cart->view cart	book should be visible in cart	book is not visibled as cart id empty	Fail

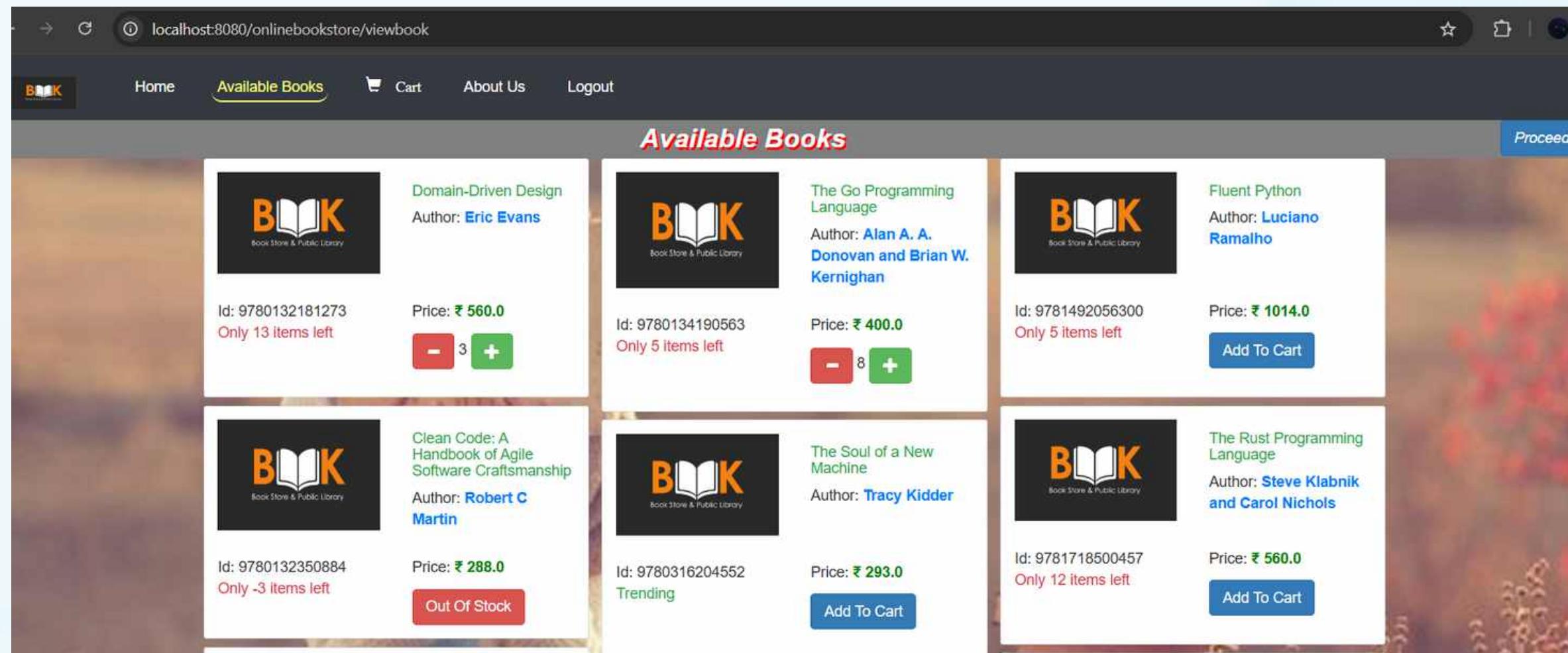
FTTC-04: Pass

TP-Bookstore011	Functional Testing	FTTC-04	Verify that the admin can login with valid credentials	Admin should redirected to adminlog page	Admin is redirected to adminlog page successfully	Pass
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FTTC-13: Fail

TP-Bookstore011	Functional Testing	FTTC-13	Verify that the click add to cart button repeatedly very fast	One item should be added per click with limit	Cart added duplicates	Fail
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Smoke Testing:

TestPlan ID	Type of Testing	Testcase ID	Testcase description	Expected outcome	Actual outcome	Result(status)
TP-Bookstore011	Smoke Testing	STTC-01	Verify that home page of onlinebookstore should be visible and loads without error	Home page of onlinebookstore should be visibled	Home page of onlinebookstore is visible and loads successfully	Pass
TP-Bookstore011	Smoke Testing	STTC-02	Verify that the user can login with valid credentials	User should redirected to dashboard of bookstore	User is redirected to dashboard of bookstore	Pass
TP-Bookstore011	Smoke Testing	STTC-03	Verify that the user signup with valid user data	User account created , redirect to login page	Account created and redirected	Pass
TP-Bookstore011	Smoke Testing	STTC-04	Verify that the admin can login with valid credentials	Admin should redirected to adminlog page	Admin is redirected to adminlog page successfully	Pass
TP-Bookstore011	Smoke Testing	STTC-05	Check list of available books should be visible to user	The available books should be visibled to user	The list of available books are visibled to user	Pass
TP-Bookstore011	Smoke Testing	STTC-06	To check a book should be added to the cart	A book should be add to cart	A book appears in the cart with no error	Pass
TP-Bookstore011	Smoke Testing	STTC-07	Verify proceed to checkout should be done	Checkout page should load without any issue	Checkout page loads successfully	Pass
TP-Bookstore011	Smoke Testing	STTC-08	Verify proceed to pay should be done with valid details	Proceed to pay by user should done with valid details	Proceed to pay by user is done with valid details	Pass
TP-Bookstore011	Smoke Testing	STTC-09	Verify that all the orders should be displayed after pay	All orders should be visibled after pay	All orders by the users are displayed after paying	Pass
TP-Bookstore011	Smoke Testing	STTC-10	Verify that logout functionality should be done	User shoud be logout and redirected to login page	User is logout and redirected to login page	Pass
TP-Bookstore011	Smoke Testing	STTC-11	Verify that admin add new books	Book added confirmation message	Book is added succesfully with confirmation message	Pass
TP-Bookstore011	Smoke Testing	STTC-12	Test that admin should remove particular book using BookId	Admin should remove the book using BookId	Book is removed by the admin using BookId	Pass
TP-Bookstore011	Smoke Testing	STTC-13	verify admin add new book and user can add to cart the book	Book should be added to cart	Book not added	Fail

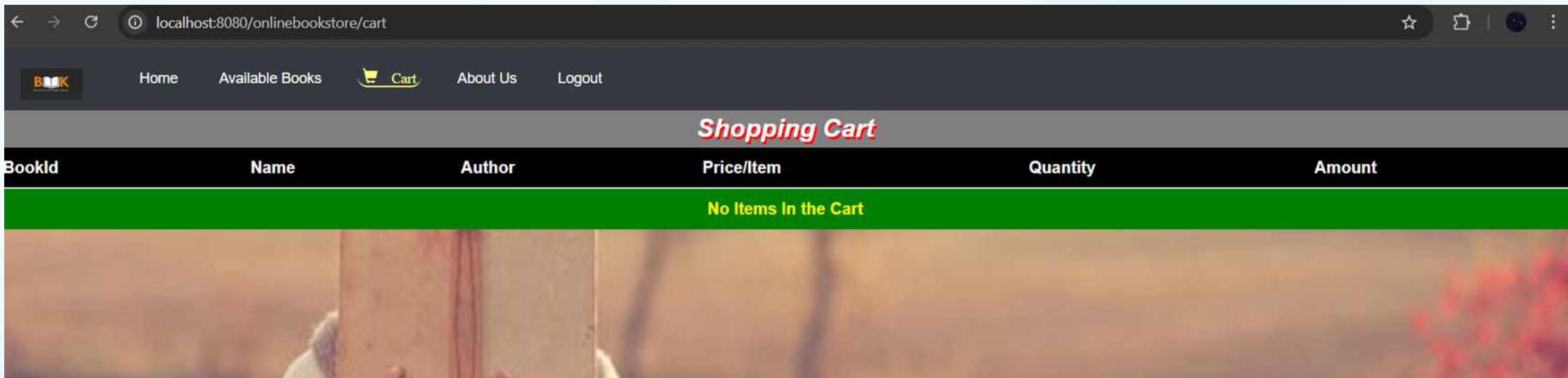
STTC-02: Pass

TP-Bookstore011	Smoke Testing	STTC-02	Verify that the user can login with valid credentials	User should redirected to dashboard of bookstore	User is redirected to dashboard of bookstore	Pass
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STTC-13: Fail

TP- Bookstore011	Smoke Testing	STTC-13	verify admin add new book and user can add to cart the book	Book should be added to cart	Book not added	Fail
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Integration Testing:

TestPlan ID	Type of Testing	Testcase ID	Testcase description	Expected outcome	Actual outcome	Result(status)
TP-Bookstore011	Integration Testing	ITTC-01	Login with valid user->redirect to dashboard	dashboard loads with valid user	dashboard load as expected	Pass
TP-Bookstore011	Integration Testing	ITTC-02	add book to cart-> go to checkout	checkout page shows correct book and pricing	checkout page shows correct book	Pass
TP-Bookstore011	Integration Testing	ITTC-03	admin log in -> add a book-> appear in booklist	book immediately appear in the listing	book appear in list successfully	Pass
TP-Bookstore011	Integration Testing	ITTC-04	Add item to cart->checkout->choose UPI->complete payment	payment gateway launches order confirmed	payment gateway crashes or stuck	Fail
TP-Bookstore011	Integration Testing	ITTC-05	admin->click on delete a book from the list	book removed from database list	book is removed from the list	Pass
TP-Bookstore011	Integration Testing	ITTC-06	register new user->check for confirmation message	confirmation message shown	message is displayed	Pass
TP-Bookstore011	Integration Testing	ITTC-07	add a book-> view cart-> remove it	cart becomes empty	cart is empty	Pass
TP-Bookstore011	Integration Testing	ITTC-08	admin add a book->user add book in cart->view cart	book should be visible in cart	book is not visible as cart id empty	Fail

ITTC-02: Pass

TP-Bookstore011	Integration Testing	ITTC-02	add book to cart-> go to checkout	checkout page shows correct book and pricing	checkout page shows correct book	Pass
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The screenshot shows a web browser window displaying the 'Shopping Cart' page of an online bookstore. The URL in the address bar is `localhost:8080/onlinebookstore/cart`. The page has a dark header with navigation links: Home, Available Books, Cart, About Us, and Logout. Below the header is a red banner with the text **Shopping Cart**. The main content is a table with the following data:

BookId	Name	Author	Price/Item	Quantity	Amount
9780134190563	The Go Programming Language	Alan A. A. Donovan and Brian W. Kernighan	₹ 400.0	- 3 +	₹ 1200.0

Below the table, a green banner displays the **Total Amount To Pay** as ₹ 1200.0. In the bottom right corner of the banner, there is a blue button labeled **Proceed to Pay ₹ 1200.0**. The background of the page features a photograph of a person's hands holding a book, with a stack of books and some plants visible in the background.

ITTC-04: Fail

TP-Bookstore011	Integration Testing	ITTC-04	Add item to cart->checkout->choose UPI->complete payment	payment gateway launches order confirmed	payment gateway crashes or stuck	Fail
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localhost:8080/onlinebookstore/checkout

Cart Checkout

Billing Address

Full Name
Nandini Patwa

Email
nandinipatwa7305@gmail.com

Address
Ram Bagh Colony Gangoh (district-Saharanpur)near Balaji dham, Bunty general stc

City
Gangoh

State
Uttar Pradesh

Zip
247341

Shipping address same as billing

Total Amount

Payment

Accepted Cards

Name on Card
John More Doe

Credit card number
1111-2222-3333-4444

Exp Month
September

Exp Year
2018

CVV
352

₹ 0/-

Regression Testing:

TestPlan ID	Type of Testing	Testcase ID	Testcase description	Expected outcome	Actual outcome	Result(status)
TP-Bookstore011	Regression Testing	REGTC-01	Verify user login after code refactor	User should be redirected to user dashboard	user successfully redirected to dashboard	Pass
TP-Bookstore011	Regression Testing	REGTC-02	check admin dashboard access	admin dashboard loads with control	admin dashboard loads properly	Pass
TP-Bookstore011	Regression Testing	REGTC-03	verify add to cart still functions	book should be added to cart with confirmation	book successfully added to cart	Pass
TP-Bookstore011	Regression Testing	REGTC-04	ensure book deletion(admin) still works	book removed and success message shown	book is removed and message displayed	Pass
TP-Bookstore011	Regression Testing	REGTC-05	validate UPI payment feature addition	order success and redirect to order summary	checkout stuck on payment (UPI not loading)	Fail
TP-Bookstore011	Regression Testing	REGTC-06	validate that book details page loads	book details page opens	book detail page displayed	Pass
TP-Bookstore011	Regression Testing	REGTC-07	check logout still functional	redirected to login page	redirected to login page successfully	Pass
TP-Bookstore011	Regression Testing	REGTC-08	add book after database change by admin	book detail updated successfully	book detail successfully added	Pass

REGTC-03: Pass

TP-Bookstore011	Regression Testing	REGTC-03	verify add to cart still functions	book should be added to cart with confirmation	book successfully added to cart	Pass
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The screenshot shows a shopping cart interface. At the top, there is a navigation bar with links: Home, Available Books, Cart, About Us, and Logout. Below the navigation bar, the title "Shopping Cart" is displayed in red. The main content area has a table with the following data:

BookId	Name	Author	Price/Item	Quantity	Amount
9780133053036	C++ Primer	Stanley Lippman and Josée Lajoie and Barbara Moo	₹ 976.0	- 1 +	₹ 976.0

Below the table, a green banner displays the "Total Amount To Pay" as ₹ 976.0. In the bottom right corner of the banner, there is a blue button labeled "Proceed to Pay ₹ 976.0". The background of the page features a photograph of a person's hands clasped together.

REGTC-05: Fail

TP-Bookstore011	Regression Testing	REGTC-05	validate UPI payment feature addition	order success and redirect to order summary	checkout stuck on payment (UPI not loading)	Fail
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localhost:8080/onlinebookstore/checkout

Cart Checkout

Billing Address

Full Name
Nandini Patwa

Email
nandinipatwa7305@gmail.com

Address
Ram Bagh Colony Gangoh (district-Saharanpur)near Balaji dham, Bunty general stc

City
Gangoh

State
Uttar Pradesh

Zip
247341

Shipping address same as billing

Total Amount **₹ 560.0**

Payment

Accepted Cards

Name on Card
John More Doe

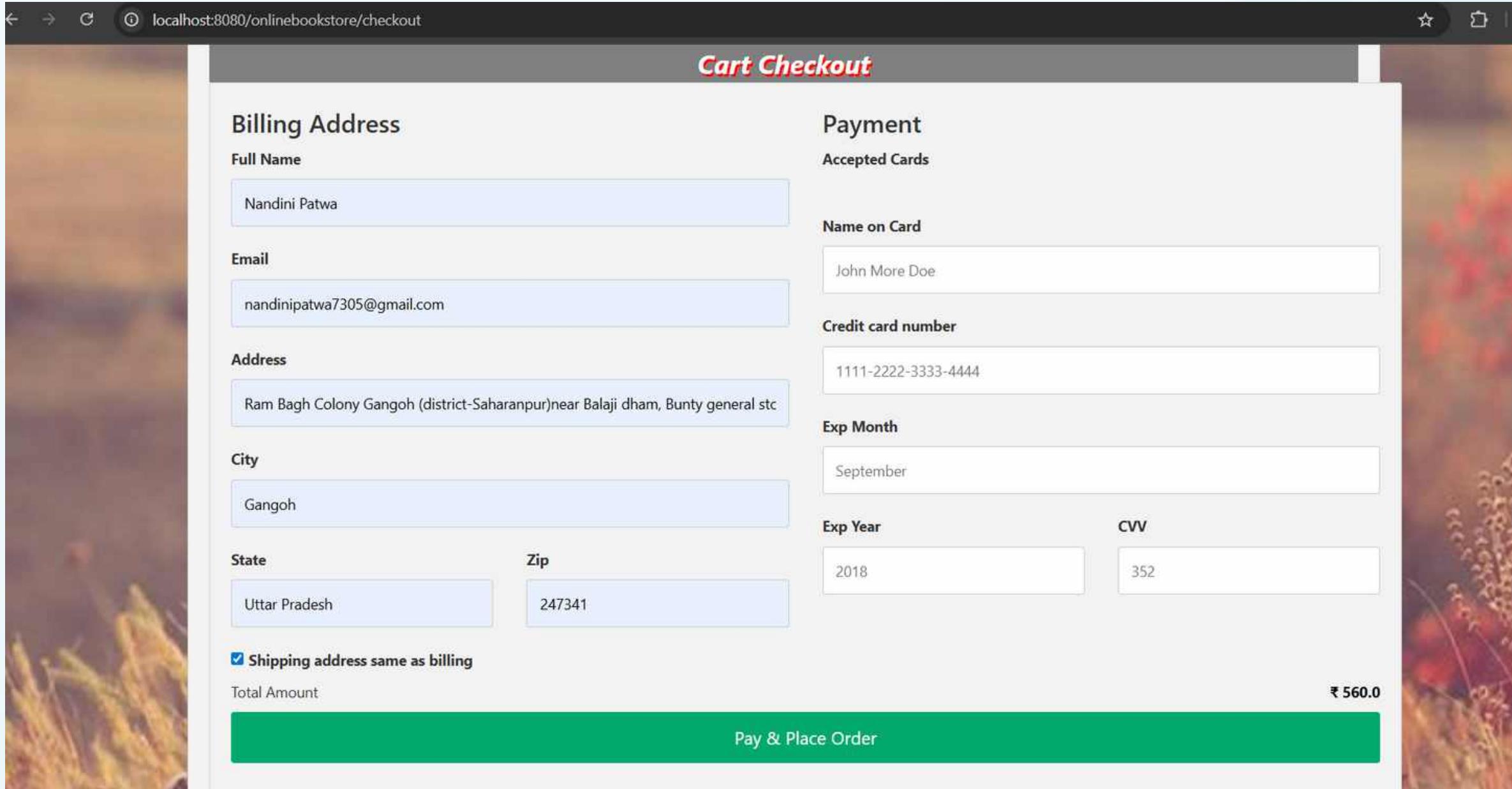
Credit card number
1111-2222-3333-4444

Exp Month
September

Exp Year
2018

CVV
352

Pay & Place Order

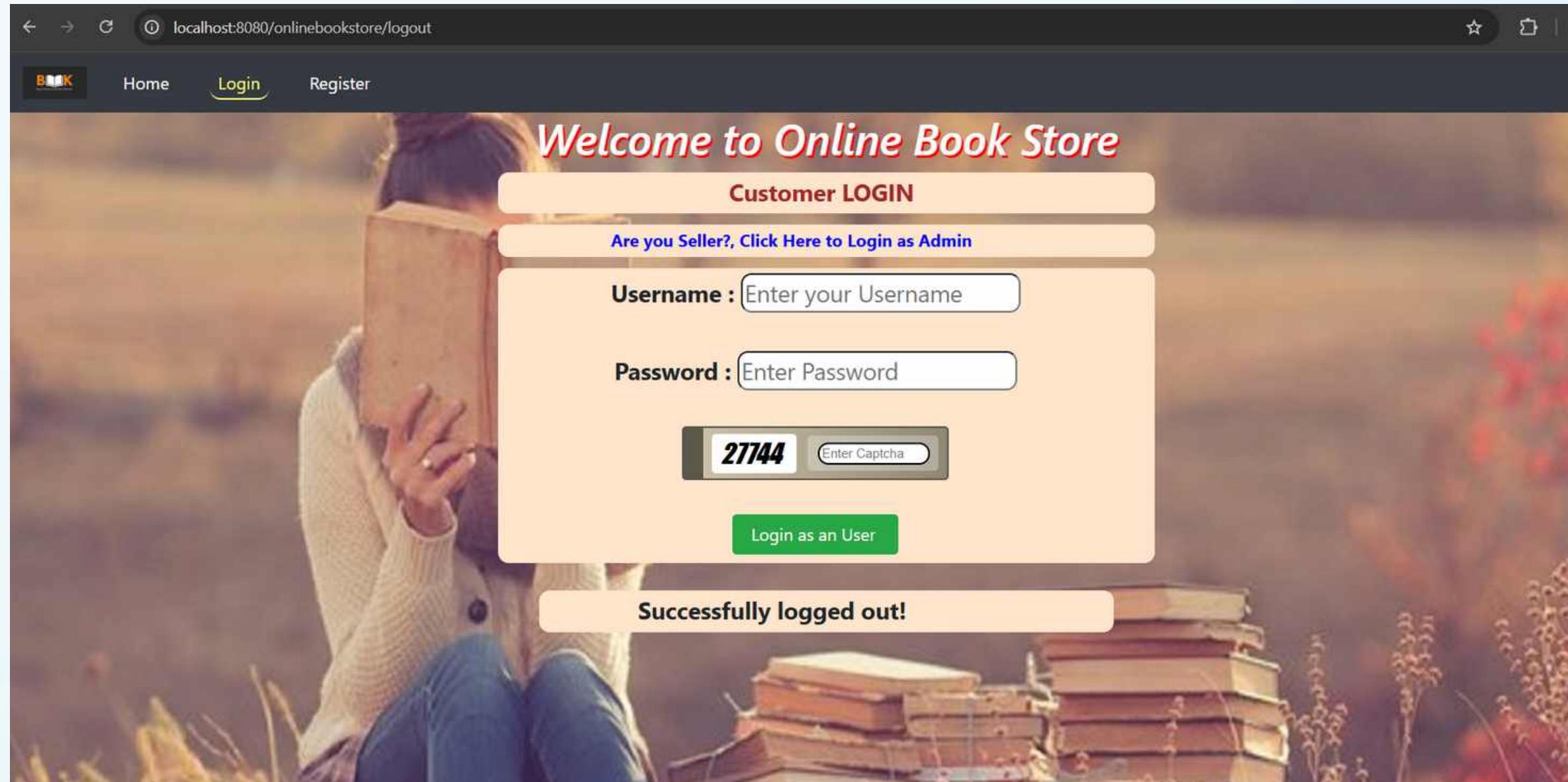


ReTesting:

TestPlan ID	Type of Testing	Testcase ID	Testcase description	Expected outcome	Actual outcome	Result(status)
TP-Bookstore011	Retesting	RETC-01	Re-test login with valid credentials (bug fixed)	Redirects to user dashboard	Redirects to user dashboard	Pass
TP-Bookstore011	Retesting	RETC-02	Re-test "Add to Cart" feature after button was fixed	Book added to cart	Book added to cart	Pass
TP-Bookstore011	Retesting	RETC-03	Re-test checkout process after previous failure	Order placed successfully	Order placed successfully	Pass
TP-Bookstore011	Retesting	RETC-04	Re-test admin book delete (was not removing book)	Book removed from list	Book removed from list	Pass
TP-Bookstore011	Retesting	RETC-05	Re-test logout functionality (previous session stayed active)	User redirected to login page, session cleared	Redirected and session cleared	Pass
TP-Bookstore011	Retesting	RETC-06	Re-test shipping address save (was not saving in DB)	Address saved and shown in order summary	Address saved and displayed correctly	Pass

RETC-05: Pass

TP-Bookstore011	Retesting	RETC-05	Re-test logout functionality (previous session stayed active)	User redirected to login page, session cleared	Redirected and session cleared	Pass
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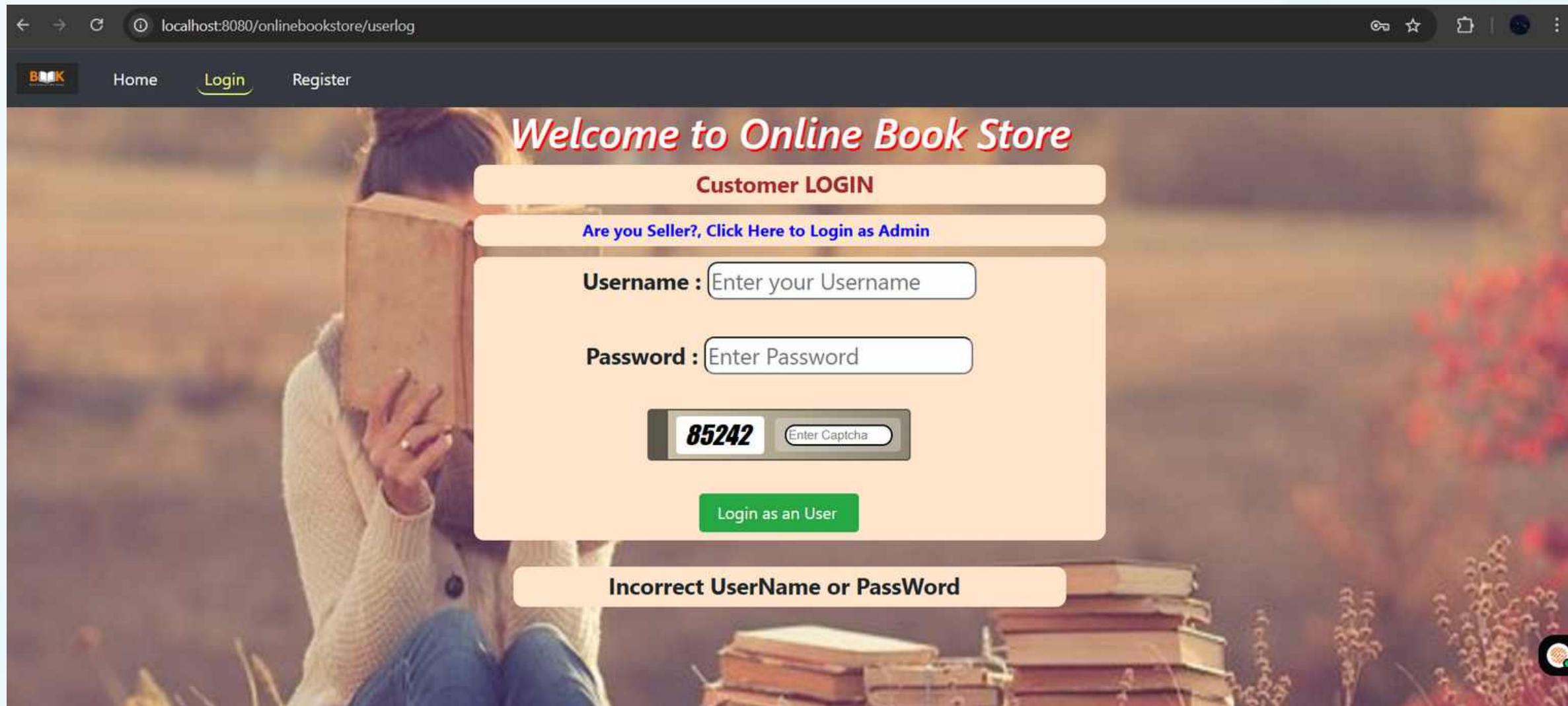


System Testing:

TestPlan ID	Type of Testing	Testcase ID	Testcase description	Expected outcome	Actual outcome	Result(status)
TP-Bookstore011	System Testing	SYTC-01	Verify user registration flow	Registration successful and user redirected to login	Registration successful and user redirected to login	Pass
TP-Bookstore011	System Testing	SYTC-02	Verify login with valid credentials	User should be redirected to homepage	User redirected to homepage	Pass
TP-Bookstore011	System Testing	SYTC-03	Verify login with invalid credentials	Error message should appear	Error message appear	Pass
TP-Bookstore011	System Testing	SYTC-04	Verify "Add to Cart" functionality	Book should appear in the cart	Book added successfully to the cart	Pass
TP-Bookstore011	System Testing	SYTC-05	Verify "Remove from Cart" option	Cart should update and remove selected book	Cart updated successfully	Pass
TP-Bookstore011	System Testing	SYTC-06	Verify UI responsiveness	UI should adapt and remain usable	UI distorted on mobile	Fail
TP-Bookstore011	System Testing	SYTC-07	Verify admin login functionality	Admin dashboard should open	Admin dashboard opened	Pass
TP-Bookstore011	System Testing	SYTC-08	Verify logout functionality	User should be redirected to login page	User redirected to login page	Pass

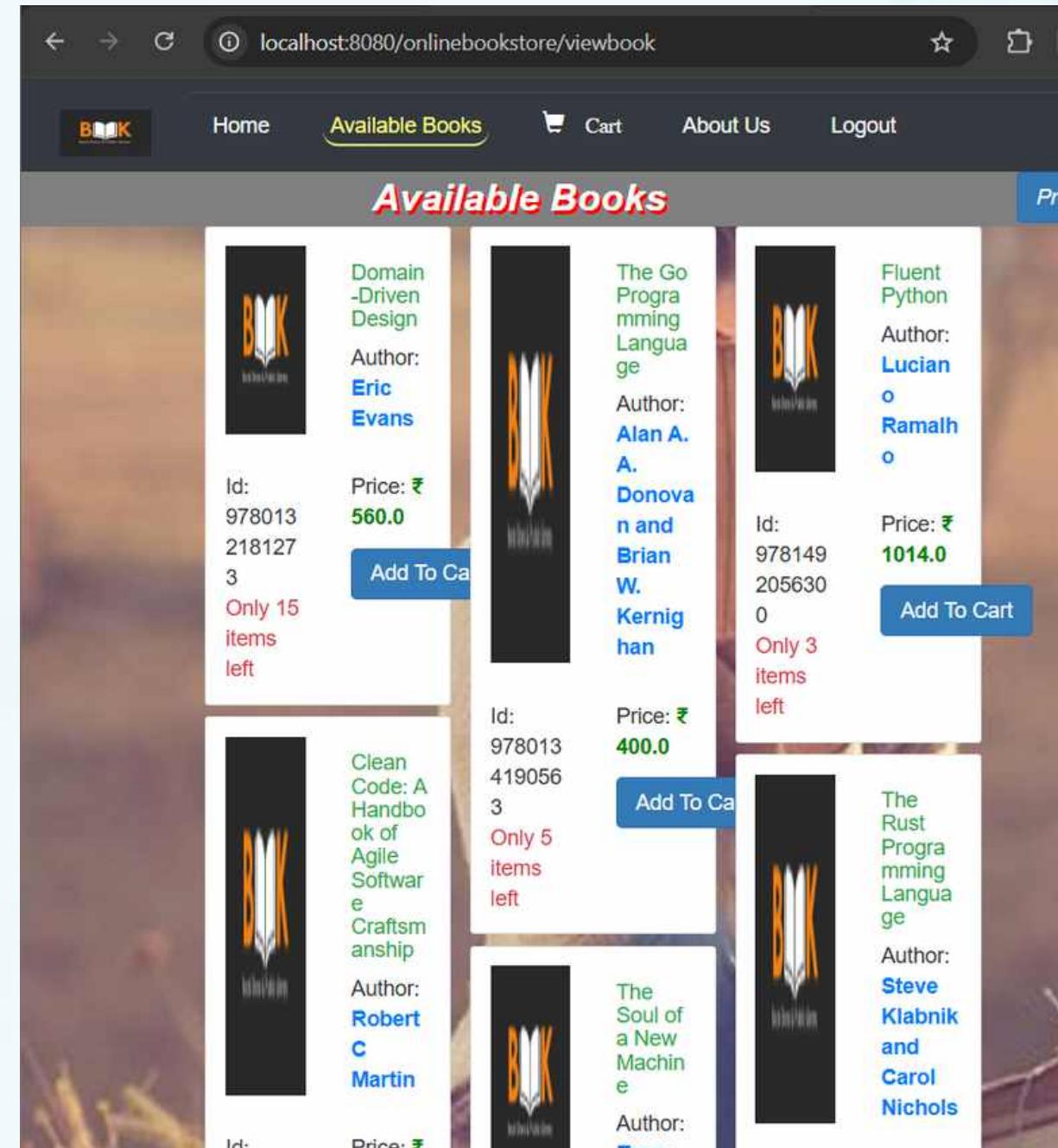
SYTC-03: Pass

TP-Bookstore011	System Testing	SYTC-03	Verify login with invalid credentials	Error message should appear	Error message appear	Pass
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SYTC-06: Fail

TP-Bookstore011	System Testing	SYTC-06	Verify UI responsiveness	UI should adapt and remain usable	UI distorted on mobile	Fail
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Adhoc Testing:

TestPlan ID	Type of Testing	Testcase ID	Testcase description	Expected outcome	Actual outcome	Result(status)
TP-Bookstore011	Adhoc Testing	ADTC-01	Verify that the click add to cart button repeatedly very fast	One item should be added per click with limit	Cart added duplicates	Fail
TP-Bookstore011	Adhoc Testing	ADTC-02	Test to enter data 1000+ characters in email during sign-up	Error or validation occur	Validation message displayed	Pass
TP-Bookstore011	Adhoc Testing	ADTC-03	Try deleting book as a normal user	Access denied or no option should be there to remove	Access denied	Pass
TP-Bookstore011	Adhoc Testing	ADTC-04	Check random refresh during checkout	Page reloads and retains state	Page reset and cart checkout empty	Fail
TP-Bookstore011	Adhoc Testing	ADTC-05	Check cart limit when added 40+ book items	Handled gracefully during add to cart items	Browser works properly	Pass

ADTC-05: Pass

TP-Bookstore011	Adhoc Testing	ADTC-05	Check cart limit when added 40+ book items	Handled gracefully during add to cart items	Browser works properly	Pass
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The screenshot shows a web browser displaying the 'Shopping Cart' page of an online bookstore. The URL in the address bar is `localhost:8080/onlinebookstore/cart`. The page has a dark header with navigation links: Home, Available Books, Cart (highlighted in yellow), About Us, and Logout. Below the header is a table titled 'Shopping Cart' with columns: BookId, Name, Author, Price/Item, Quantity, and Amount. A single item is listed: BookId 9780132181273, Name 'Domain-Driven Design', Author 'Eric Evans', Price/Item ₹ 560.0, Quantity 41, and Amount ₹ 22960.0. To the right of the quantity input field are decrease (-) and increase (+) buttons. Below the table is a green banner with the text 'Total Amount To Pay ₹ 22960.0'. At the bottom right of the banner is a blue button labeled 'Proceed to Pay ₹ 22960.0'. The background of the page features a photograph of a person sitting cross-legged on the grass, surrounded by books and plants.

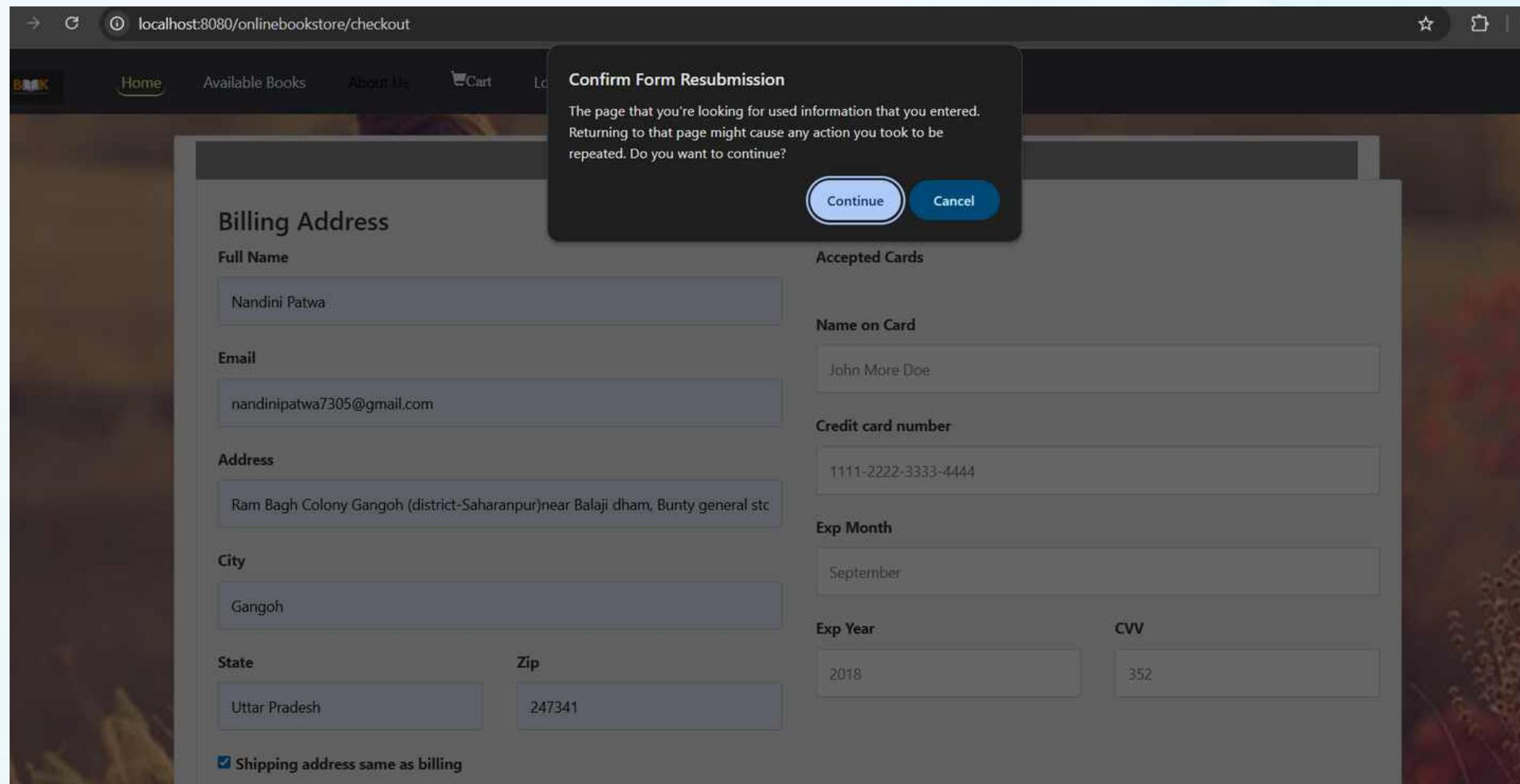
BookId	Name	Author	Price/Item	Quantity	Amount
9780132181273	Domain-Driven Design	Eric Evans	₹ 560.0	41	₹ 22960.0

Total Amount To Pay ₹ 22960.0

Proceed to Pay ₹ 22960.0

ADTC-04: Fail

TP-Bookstore011	Adhoc Testing	ADTC-04	Check random refresh during checkout	Page reloads and retains state	Page reset and cart checkout empty	Fail
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Unit Testing:

TestPlan ID	Type of Testing	Testcase ID	Testcase description	Expected outcome	Actual outcome	Result(status)
TP-Bookstore011	Unit Testing	UTTC-01	Test validateEmail() method	Pass a valid email and return should be true	It passes and return true	Pass
TP-Bookstore011	Unit Testing	UTTC-02	Test calculatecartTotal() method	cart with 2 items of Rs.500/- should return Rs.1000/-	Retun Rs.1000/-	Pass
TP-Bookstore011	Unit Testing	UTTC-03	Test addBookToDatabase() method	Book should be added to the database	Book added to the database	Pass
TP-Bookstore011	Unit Testing	UTTC-04	Verify that user can login() with empty password	Returns error or False when putting empty password	Exception thrown	Fail
TP-Bookstore011	Unit Testing	UTTC-05	Add book with invalid price by addBook>Title,Author, -150	Thrown exception or return error	Book added with inavlid -150 price	Fail

UTTC-02: Pass

TP-Bookstore011	Unit Testing	UTTC-02	Test calculatecartTotal() method	cart with 2 items of Rs.500/- should return Rs.1000/-	Retun Rs.1000/-	Pass
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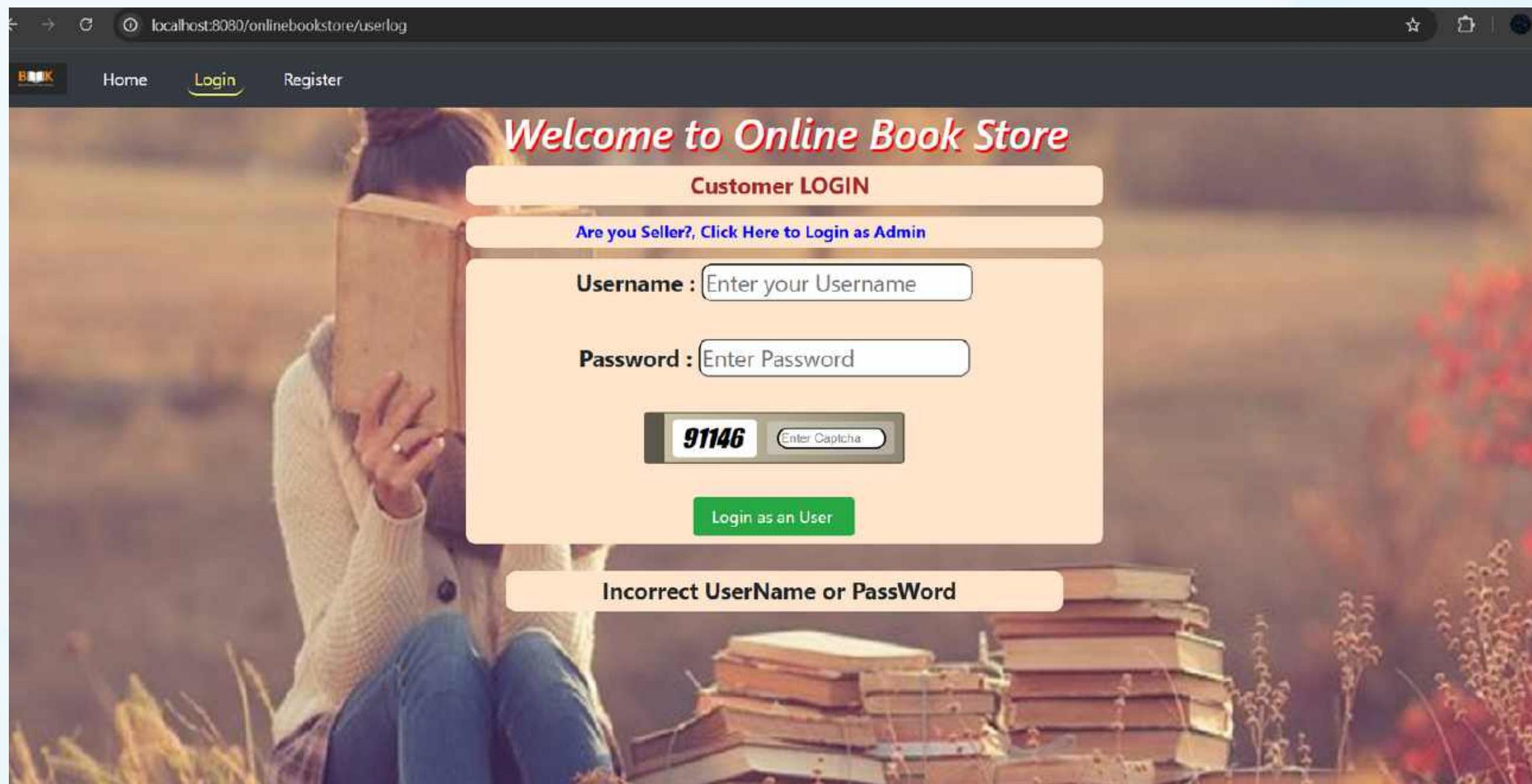
The screenshot shows a web browser window with the URL `localhost:8080/onlinebookstore/cart`. The page title is "Shopping Cart". The navigation bar includes links for Home, Available Books, Cart, About Us, and Logout. The main content area displays a table of items in the cart:

BookId	Name	Author	Price/Item	Quantity	Amount
9780134190563	The Go Programming Language	Alan A. A. Donovan and Brian W. Kernighan	₹ 500.0	- 2 +	₹ 1000.0

A green banner at the bottom indicates the "Total Amount To Pay" is ₹ 1000.0. A blue button labeled "Proceed to Pay ₹ 1000.0" is visible.

UTTC-04: Fail

TP-Bookstore011	Unit Testing	UTTC-04	Verify that user can login() with empty password	Returns error or False when putting empty password	Exception thrown	Fail
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DT: Decision Table

Condition/scenario	Functional Testing	Integration Testing	SmokeTesting	Regression Testing	Retesting Testing	Unit Testing	System Testing	Adhoc Testing	Expected Result	Actual Result	Final Result
Valid user login	yes	yes	yes	yes	yes	yes	yes	yes	Login successful	Login successful	Pass
Invalid user login	yes	yes	yes	yes	yes	yes	yes	yes	Error message displayed	Password reset option	Pass
Add book to cart (user or guest)	yes	yes	yes	yes	yes	yes	yes	yes	Item in cart	not added in cart	Fail
Book visible to user	yes	yes	yes	yes	no	yes	yes	no	Displayed correctly	Displayed correctly	Pass
Registration with valid/missing fields	yes	yes	yes	yes	yes	yes	yes	yes	registered	registered	Pass
Checkout with item in cart	yes	yes	yes	yes	yes	yes	yes	yes	Checkout success	success	Pass
UPI Payment Failure	yes	yes	no	yes	yes	yes	yes	yes	Payment error	page crash	Fail
Admin deletes book using ID	yes	yes	yes	yes	no	yes	yes	yes	book deleted	book deleted	Pass
Normal user attempts to delete book	yes	no	no	yes	yes	yes	yes	yes	access denied	access denied	Pass
Add book with invalid price	yes	no	no	yes	yes	yes	yes	yes	valiadtion failed	exception thrown	Fail
UI responsiveness check	yes	no	no	yes	yes	no	yes	yes	Layout adjusts	Not responsive	Fail
Shipping address saved after payment	yes	yes	yes	yes	no	yes	yes	no	address saved	address saved	Pass
User logout	yes	yes	yes	yes	no	yes	yes	no	session ended	session ended	Pass

Testing and Bug reporting on JIRA:

Jira Search + Create 11 days left Rovo Chat ?

MT-2 / MT-7

Manual Testing of Online Book Store.

+ Description Manual Testing of Online Book Store.

Connected work items

is blocked by

<input checked="" type="checkbox"/> MT-174 Functional Testing of OnlineBookStore	DONE	NP	=
<input checked="" type="checkbox"/> MT-271 Adhoc Testing of Online Book Store	DONE	NP	= X
<input checked="" type="checkbox"/> MT-270 Smoke Testing of Online Book Store	DONE	NP	=
<input checked="" type="checkbox"/> MT-306 Integration testing of Online Book Store	DONE	NP	=
<input checked="" type="checkbox"/> MT-315 Regression Testing of Online Book Store	DONE	NP	=
<input checked="" type="checkbox"/> MT-323 Retesting of Online Book Store	DONE	NP	=
<input checked="" type="checkbox"/> MT-329 Unit Testing of Online Book Store	DONE	NP	=
<input checked="" type="checkbox"/> MT-337 System Testing of Online Book Store	DONE	NP	=

verify ⚡ Improve work item

Details

Assignee Nandini Patwa

Labels None

Parent MT-2 Project for Summer Interns

Due date 19 Jul 2025

Team Summer Internship

Start date 15 Jul 2025

Sprint MT Sprint 2 +1

Story point estimate 5

Development

Create branch ↗ Create comment ↘

25 Jul 2025

Functional Testing:

The screenshot shows a work item details page for MT-174. At the top left, there are two status indicators: a purple lightning bolt icon for MT-2 and a checked blue box for MT-174. On the top right, there are several icons: a lock, a circular progress bar with '1' (blue), a share, three dots, and a close button.

Attachments 1

Name	Size	Date added
Screenshot 2025-07-24 123616.png	91 KB	24 Jul 2025 12:36pm

Child work items

Work	Pri...	Assi...
MT-178 FTTC-01 Verify home page	M	NP
MT-186 FTTC-13 Add to cart button repeated	M	NP
MT-202 FTTC-16 to check random refresh	M	NP
MT-268 FTTC-12 Test admin remove particular book	M	NP
MT-269 FTTC-18 Verify user signup with valid data	M	NP

Details

Assignee	Nandini Patwa
Labels	None
Parent	MT-2 Project for Summer Interns
Due date	19 Jul 2025
Team	Summer Internship
Start date	15 Jul 2025
Sprint	MT Sprint 2 +1
Story point estimate	4
Development	Create branch

Done ✓ Done ⚡ ⚡ Improve work item

Pass:

Projects / Manual Testing / MT-174 / MT-268

FTTC-12 Test admin remove particular book

Description

TP-Bookstore011	Functional Testing	FTTC-12	Test that admin should remove the particular book using BookId	Admin should remove the book using BookId	Book is removed by the admin using BookId	Pass
-----------------	--------------------	---------	--	---	---	------

Activity

All Comments History Work log

Add a comment... Suggest a reply... Status update... Thanks...

To Do 1 Improve work item

Details

Assignee Nandini Patwa

Labels None

Parent MT-174 Functional Testing of On

Due date 21 Jul 2025

Team Summer Internship

Start date 17 Jul 2025

Sprint MT Sprint 2 +1

Story point estimate 2

Development Create branch Create commit

URL: https://abesitcrc-trainingteam.atlassian.net/browse/MT-268

Fail:

URL: https://abesitcrc-trainingteam.atlassian.net/browse/MT-186

MT-174 / MT-186

FTTC-13 Add to cart button repeated

Description

TP-Bookstore011	Functional Testing	FTTC-13	Verify that the click add to cart button repeatedly very fast	One item should be added per click with limit	Cart added duplicates	Fail
-----------------	--------------------	---------	---	---	-----------------------	------

Connected work items

relates to

MT-192 Functional Testing of OnlineBookStore DONE

To Do 1 Improve work item

Details

Assignee Nandini Patwa

Labels None

Parent MT-174 Functional Testing of On

Due date 19 Jul 2025

Team Summer Internship

Start date 16 Jul 2025

Sprint MT Sprint 2 +1

Story point estimate None

Development Create branch

Smoke Testing:

The screenshot shows a Jira work item details page for a task named "MT-270".

Header: MT-2 / MT-270

Buttons: Done (green), Done (blue), Improve work item

Details:

- Assignee: Nandini Patwa (NP)
- Labels: None
- Parent: MT-2 Project for Summer Internship
- Due date: 25 Jul 2025
- Team: Summer Internship
- Start date: 17 Jul 2025
- Sprint: MT Sprint 2 +1
- Story point estimate: 4
- Development: Create branch

Attachments: 1

Name	Size	Date added
Screenshot 2025-07-24 125806-20250...png	61 KB	24 Jul 2025 12:58pm

Child work items: 0% Done

Work	Pri...	Ass...
MT-296 STTC-04 verify admin can login with valid credentials	M	NP
MT-297 STTC-07 verify proceed to checkout	M	NP
MT-299 STTC-10 verify logout functionality	M	NP
MT-301 STTC-12 Test admin remove particular book	M	NP
MT-302 STTC-13 verify admin add new book and user add book to cart	M	NP

Pass:

The screenshot shows a Jira work item for STTC-07. The work item details are as follows:

TP-Bookstore011	Smoke Testing	STTC-07	Verify proceed to checkout should be done	Checkout page should load without any issue	Checkout page loads successfully	Pass
-----------------	---------------	---------	---	---	----------------------------------	------

The work item has the following details:

- Assignee: Nandini Patwa
- Labels: None
- Parent: MT-270 Smoke Testing of Online Book Store
- Due date: 25 Jul 2025
- Team: Summer Internship
- Start date: 17 Jul 2025
- Sprint: MT Sprint 2 +1
- Story point estimate: 5

The activity section shows the following tabs: All, Comments (selected), History, Work log. A comment from Nandini Patwa is present: "Add a comment...". Buttons for Suggest a reply..., Status update..., and Thanks... are also visible.

URL: https://abesitcrc-trainingteam.atlassian.net/browse/MT-297

Fail:

URL: https://abesitcrc-trainingteam.atlassian.net/browse/MT-302

The screenshot shows a Jira work item for STTC-13. The work item details are as follows:

TP-Bookstore011	Smoke Testing	STTC-13	verify admin add new book and user can add to cart the book	Book should be added to cart	Book not added	Fail
-----------------	---------------	---------	---	------------------------------	----------------	------

The work item has the following details:

- Assignee: Nandini Patwa
- Labels: None
- Parent: MT-270 Smoke Testing of Online Book Store
- Due date: 25 Jul 2025
- Team: Summer Internship
- Start date: 17 Jul 2025
- Sprint: MT Sprint 2 +1
- Story point estimate: 3

The activity section shows the following tabs: To Do (selected), Improve work item. A connected work item MT-303 Smoke Testing of Online Book Store is listed under "Connected work items".

Integration Testing:

Projects /  Manual Testing /  MT-2 /  MT-306

Attachments 1

Name	Size	Date added	...	+
 Screenshot 2025-07-24 130856.png	36 KB	24 Jul 2025 1:09pm		

Child work items

0% Done

Work	Pri...	As...
 MT-307 ITTC-02 add book to cart→ go to checkout	= M	 N
 MT-308 ITTC-04 Add item to cart→checkout→choose UPI→complete payment	= M	 N
 MT-311 ITTC-06 register new user→check for confirmation message	= M	 N
 MT-312 ITTC-07 add a book→ view cart→ remove it	= M	 N
 MT-313 ITTC-08 admin add a book→user add book in cart→view cart	= M	 N

Connected work items

Details

Done  ✓ Done  

Assignee	 Nandini Patwa
Labels	None
Parent	 MT-2 Project for Summer Inte
Due date	25 Jul 2025
Team	Summer Internship
Start date	17 Jul 2025
Sprint	MT Sprint 2 
Story point estimate	4
Development	 Create branch  Create commit
Reporter	 Nandini Patwa

Pass:

Projects / Manual Testing / MT-306 / MT-312

ITTC-07 add a book→ view cart→ remove it

+ **Description**

TP- Bookstore011	Integration Testing	ITTC-07	add a book→ view cart→ remove it	cart becomes empty	cart is empty	Pass
---------------------	------------------------	---------	--	--------------------------	---------------	------

Activity

All **Comments** History Work log

Add a comment...
Suggest a reply... Status update... Thanks...

Pro tip: press M to comment

To Do 1 ⚡ Improve work item

Details

Assignee Nandini Patwa

Labels None

Parent MT-306 Integration testing of

Due date 25 Jul 2025

Team Summer Internship

Start date 17 Jul 2025

Sprint MT Sprint 2 +1

Story point estimate 5

URL: <https://abesitcrc-trainingteam.atlassian.net/browse/MT-312>

Fail:

URL: <https://abesitcrc-trainingteam.atlassian.net/browse/MT-308>

Projects / Manual Testing / MT-306 / MT-308

ITTC-04 Add item to cart→checkout→choose UPI→complete payment

+ **Description**

TP- Bookstore011	Integration Testing	ITTC-04	Add item to cart-> checkout-> choose UPI-> complete payment	payment gateway launches order confirmed	payment gateway crashes or stuck	Fail
---------------------	------------------------	---------	---	--	---	------

Connected work items

relates to

MT-310 Integration testing of Online Book Store **DONE**

To Do 1 ⚡ Improve work item

Details

Assignee Nandini Patwa

Labels None

Parent MT-306 Integration testing of

Due date 25 Jul 2025

Team Summer Internship

Start date 21 Jul 2025

Sprint MT Sprint 2 +1

Story point estimate 5

Create branch

Regression Testing:

Attachments 1

Name	Size	Date added	Actions
Screenshot 2025-07-24 131617.png	37 KB	24 Jul 2025 1:17pm	

Child work items

Work	Pri...	As...
MT-316 REGTC-01 Verify user login after code refactor	= M	
MT-317 REGTC-03 verify add to cart still functions	= M	
MT-318 REGTC-05 validate UPI payment feature addition	= M	
MT-321 REGTC-06 validate that book details page loads	= M	
MT-322 REGTC-08 add book after database change by admin	= M	

Connected work items

blocks

<input checked="" type="checkbox"/> MT-7 Manual Testing of Online Book Store.	
---	--

Done Done

Details

Assignee Nandini Patwa

Labels None

Parent

Due date 25 Jul 2025

Team Summer Internship

Start date 17 Jul 2025

Sprint MT Sprint 2

Story point estimate 6

Development

Reporter Nandini Patwa

Pass:

Projects / 📈 Manual Testing / MT-315 / MT-317

REGTC-03 verify add to cart still functions

+ Description

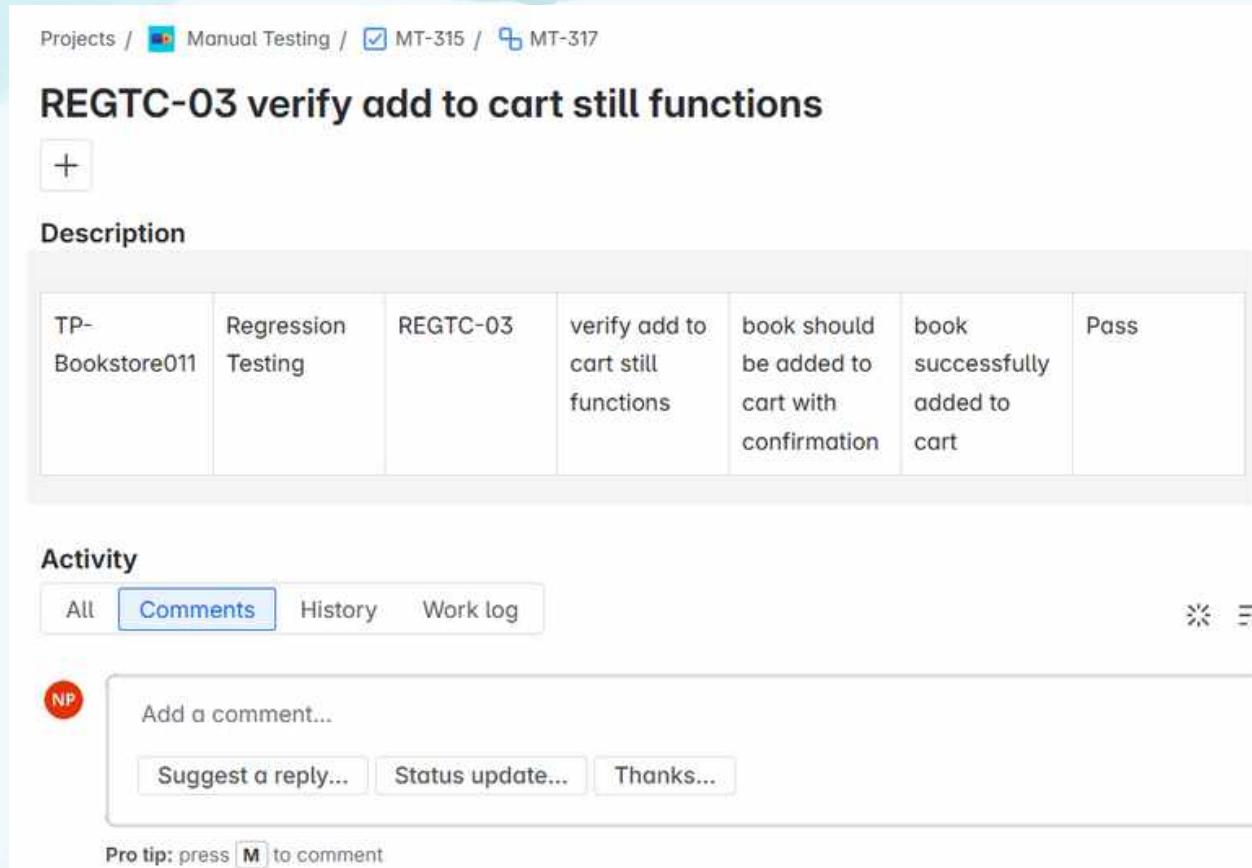
TP-Bookstore011	Regression Testing	REGTC-03	verify add to cart still functions	book should be added to cart with confirmation	book successfully added to cart	Pass
-----------------	--------------------	----------	------------------------------------	--	---------------------------------	------

Activity

All Comments History Work log

Add a comment... Suggest a reply... Status update... Thanks...

Pro tip: press M to comment

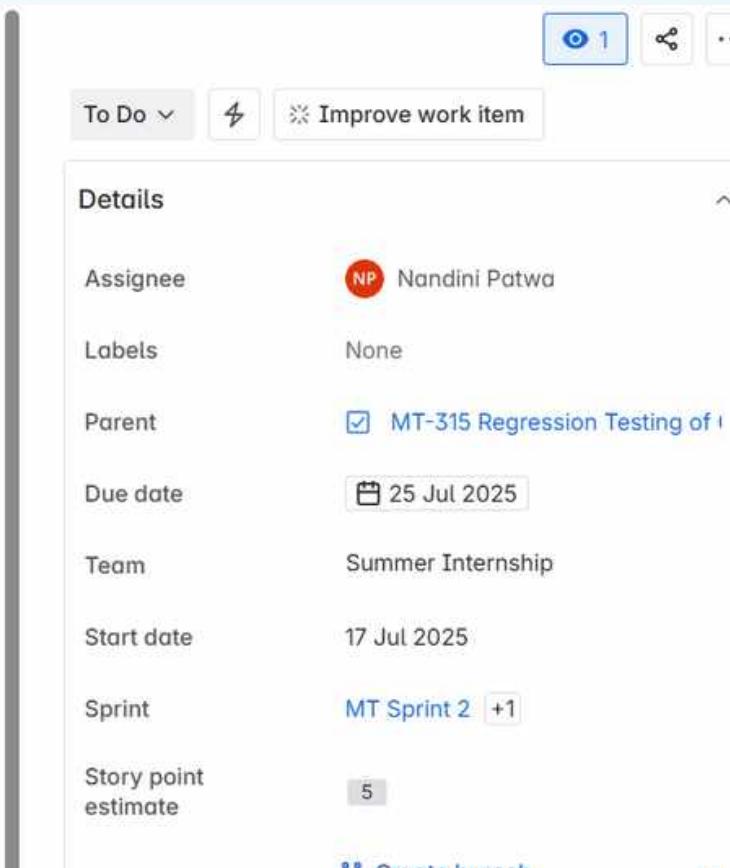


To Do 1 ⚡ Improve work item

Details

Assignee	Nandini Patwa
Labels	None
Parent	MT-315 Regression Testing of Online Book Store
Due date	25 Jul 2025
Team	Summer Internship
Start date	17 Jul 2025
Sprint	MT Sprint 2 +1
Story point estimate	5

Create branch



URL: https://abesitcrc-trainingteam.atlassian.net/browse/MT-317

Fail:

URL: https://abesitcrc-trainingteam.atlassian.net/browse/MT-318

To Do ⚡ Improve work item

REGTC-05 validate UPI payment feature addition

+ Description

TP-Bookstore011	Regression Testing	REGTC-05	validate UPI payment feature addition	order success and redirect to order summary	checkout stuck on payment (UPI not loading)	Fail
-----------------	--------------------	----------	---------------------------------------	---	---	------

Connected work items

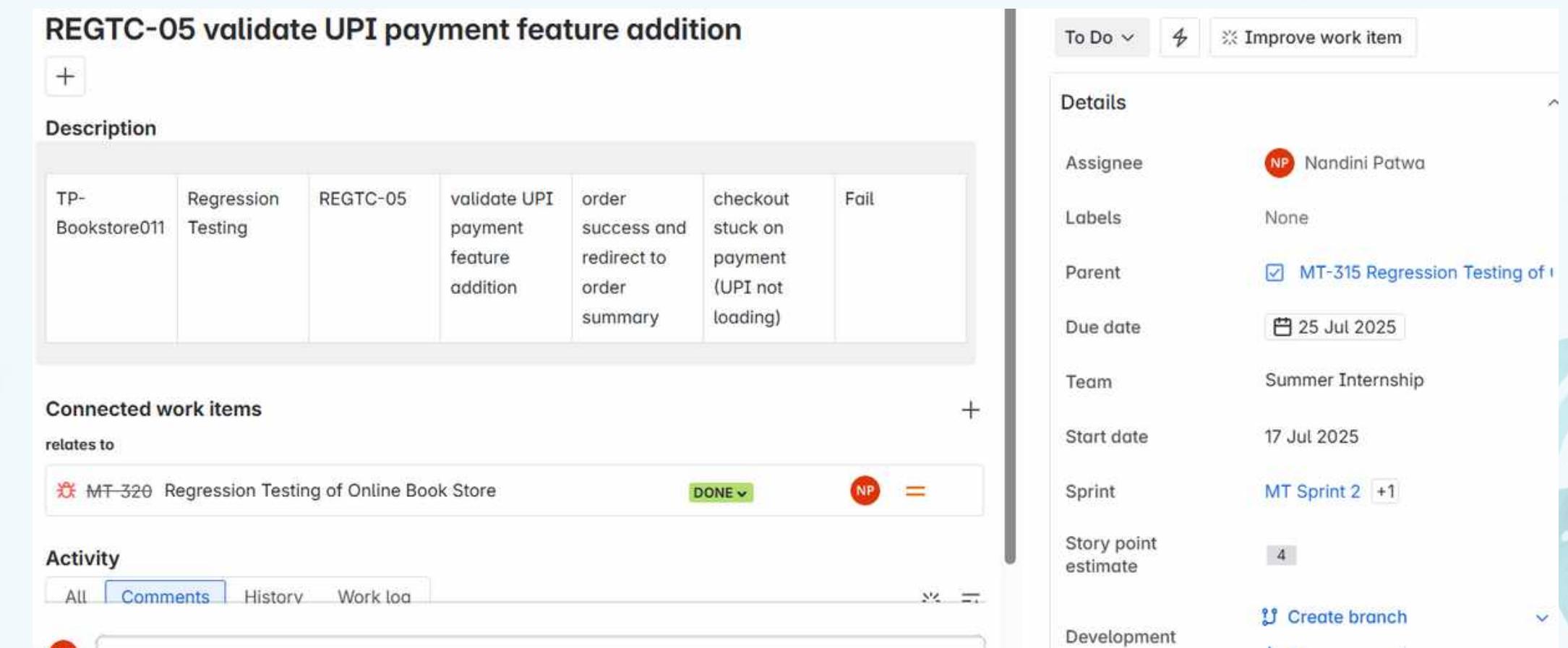
relates to

MT-320 Regression Testing of Online Book Store DONE NP =

Activity

All Comments History Work log

Create branch



ReTesting:

Projects /  Manual Testing /  MT-2 /  MT-323

Attachments 1

Name	Size	Date added	...	⋮
 Screenshot 2025-07-24 132332.png	30 KB	24 Jul 2025 1:23pm		

Child work items

Work	...	Pri...	Ass...
 MT-324 RETC-01 Re-test login with valid credentials (bug fixed)		M	 N
 MT-325 RETC-02 Re-test "Add to Cart" feature after button was fixed		M	 N
 MT-326 RETC-03 Re-test checkout process after previous failure		M	 N
 MT-327 RETC-04 Re-test admin book delete (was not removing book)		M	 N
 MT-328 RETC-06 Re-test shipping address save (was not saving in DB)		M	 N

Connected work items

blocks

<input checked="" type="checkbox"/> MT-7 Manual Testing of Online Book Store.	 VERIFY	 NP	 =
---	--	--	---

Done  Done  

Details

Assignee	 Nandini Patwa
Labels	None
Parent	 MT-2 Project for Summer Interns
Due date	25 Jul 2025
Team	Summer Internship
Start date	17 Jul 2025
Sprint	MT Sprint 2 +1
Story point estimate	5
Development	 Create branch  Create commit
Reporter	 Nandini Patwa

Pass:

Projects / Manual Testing / MT-323 / MT-326

RETC-03 Re-test checkout process after previous failure

+ Description

TP-Bookstore011	Retesting	RETC-03	Re-test checkout process after previous failure	Order placed successfully	Order placed successfully	Pass
-----------------	-----------	---------	---	---------------------------	---------------------------	------

Activity

All Comments History Work log

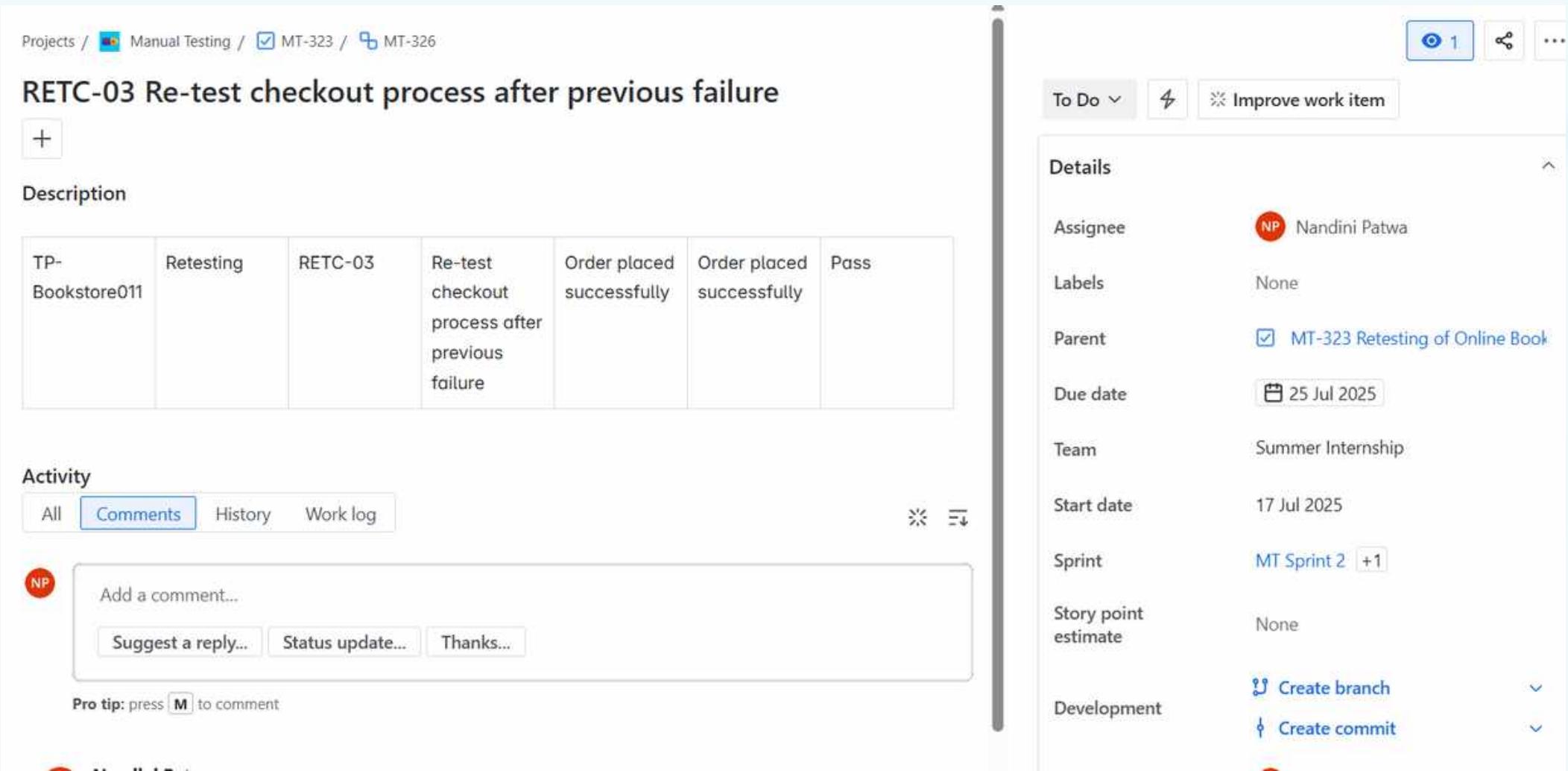
Add a comment...
Suggest a reply... Status update... Thanks...

Pro tip: press M to comment

To Do 1 Improve work item

Details

Assignee Nandini Patwa
Labels None
Parent MT-323 Retesting of Online Book
Due date 25 Jul 2025
Team Summer Internship
Start date 17 Jul 2025
Sprint MT Sprint 2 +1
Story point estimate None
Development Create branch Create commit



<https://abesitcrc-trainingteam.atlassian.net/browse/MT-326>

Adhoc Testing:

Projects /  Manual Testing /  MT-2 / MT-271

Attachments 1

Name	Size	Date added
Screenshot 2025-07-24 132817.png	26 KB	24 Jul 2025 1:29pm

Child work items

Work	... Pri... Ass...
MT-272 ADTC-01 verify add to cart button repeatedly	= M  N
MT-283 ADTC-02 Test to enter data 1000+ characters in email	= M  N
MT-291 ADTC-03 Try deleting book as normal user	= M  N
MT-292 ADTC-04 check random refresh	= M  N
MT-295 ADTC-05 check cart limit	= M  N

Connected work items

blocks

<input checked="" type="checkbox"/> MT-7 Manual Testing of Online Book Store.	VERIFY  =
---	--

Details

Done  Done  

Assignee	 Nandini Patwa
Labels	None
Parent	 MT-2 Project for Summer Interns
Due date	21 Jul 2025
Team	Summer Internship
Start date	17 Jul 2025
Sprint	MT Sprint 2 +1
Story point estimate	3
Development	 Create branch  Create commit
Reporter	 Nandini Patwa

Pass:

Projects / Manual Testing / MT-271 / MT-283

ADTC-02 Test to enter data 1000+ characters in email

Description

TP-Bookstore011	Adhoc Testing	ADTC-02	Test to enter data 1000+ characters in email during sign-up	Error or validation occur	Validation message displayed	Pass
-----------------	---------------	---------	---	---------------------------	------------------------------	------

Activity

All Comments History Work log

Add a comment... Suggest a reply... Status update... Thanks...

To Do 1 ⚡ Improve work item

Details

Assignee	Nandini Patwa
Labels	None
Parent	MT-271 Adhoc Testing of Online
Due date	21 Jul 2025
Team	Summer Internship
Start date	17 Jul 2025
Sprint	MT Sprint 2 +1
Story point estimate	3

Create branch

URL: <https://abesitcrc-trainingteam.atlassian.net/browse/MT-283>

Fail:

URL: <https://abesitcrc-trainingteam.atlassian.net/browse/MT-272>

Projects / Manual Testing / MT-271 / MT-272

ADTC-01 verify add to cart button repeatedly

Description

TP-Bookstore011	Adhoc Testing	ADTC-01	Verify that the click add to cart button repeatedly very fast	One item should be added per click with limit	Cart added duplicates	Fail
-----------------	---------------	---------	---	---	-----------------------	------

Connected work items

relates to

MT-273 Adhoc Testing of Online Book Store

DONE NP =

To Do 1 ⚡ Improve work item

Details

Assignee	Nandini Patwa
Labels	None
Parent	MT-271 Adhoc Testing of Online
Due date	21 Jul 2025
Team	Summer Internship
Start date	17 Jul 2025
Sprint	MT Sprint 2 +1
Story point estimate	3

System Testing:

Search + Create | 11 days left | Rovo Chat | ? |

Projects / Manual Testing / MT-2 / MT-337

Attachments 1

Name	Size	Date added
Screenshot 2025-07-24 181401.png	37 KB	24 Jul 2025 6:14pm

Child work items

Work	Pri...	Ass...
MT-338 SYTC-01 Verify user registration flow	M	NP
MT-339 SYTC-03 Verify login with invalid credentials	M	NP
MT-340 SYTC-06 Verify UI responsiveness	M	NP
MT-342 SYTC-07 Verify admin login functionality	M	NP
MT-343 SYTC-08 Verify logout functionality	M	NP

Connected work items

blocks

MT-7 Manual Testing of Online Book Store.	VERIFY	NP	=
---	--------	----	---

Done ✓ Done ⚡ Improve work item

Details

Assignee	Nandini Patwa
Labels	None
Parent	MT-2 Project for Summer Interns
Due date	25 Jul 2025
Team	Summer Internship
Start date	17 Jul 2025
Sprint	MT Sprint 2 +1
Story point estimate	5
Development	Create branch
	Create commit
Reporter	Nandini Patwa

Pass:

The screenshot shows a Jira work item for a test case named "SYTC-03 Verify login with invalid credentials". The work item details are as follows:

TP-Bookstore011	System Testing	SYTC-03	Verify login with invalid credentials	Error message should appear	Error message appear	Pass
-----------------	----------------	---------	---------------------------------------	-----------------------------	----------------------	------

Description:

Activity tab (Comments selected):

- Add a comment...
- Suggest a reply...
- Status update...
- Thanks...

Comments section (by Nandini Patwa, 2 days ago):

NP
Add a comment...
Suggest a reply... Status update... Thanks...
Pro tip: press M to comment

Reporter: Nandini Patwa

URL: https://abesitcrc-trainingteam.atlassian.net/browse/MT-339

Fail:

URL: https://abesitcrc-trainingteam.atlassian.net/browse/MT-340

The screenshot shows a Jira work item for a test case named "SYTC-06 Verify UI responsiveness". The work item details are as follows:

TP-Bookstore011	System Testing	SYTC-06	Verify UI responsiveness	UI should adapt and remain usable	UI distorted on mobile	Fail
-----------------	----------------	---------	--------------------------	-----------------------------------	------------------------	------

Connected work items:

relates to:

MT-341 System Testing of Online Book Store

Activity:

All Comments History Work log

Add a comment...
Suggest a reply... Status update... Thanks...

Details (Assignee: Nandini Patwa, Labels: None, Parent: MT-337 System Testing of Online Book Store, Due date: 25 Jul 2025, Team: Summer Internship, Start date: 17 Jul 2025, Sprint: MT Sprint 2 +1, Story point estimate: 4, Development: Create branch, Create commit, Reporter: Nandini Patwa)

Unit Testing:

Search + Create 11 days left Rovo Chat ? ⚙️

Projects / Manual Testing / MT-2 / MT-329

Attachments 1

Name	Size	Date added
Screenshot 2025-07-24 182220.png	26 KB	24 Jul 2025 6:22pm

Child work items

Work	Pri...	Ass...
MT-330 UTTC-01 Test validateEmail() method	= M	NP
MT-331 UTTC-02 Test calculatecartTotal() method	= M	NP
MT-332 UTTC-03 Test addBookToDatabase() method	= M	NP
MT-333 UTTC-04 Verify that user can login() with empty password	= M	NP
MT-335 UTTC-05 Add book with invalid price by addBook>Title,Author, -150	= M	NP

Connected work items

blocks

MT-7 Manual Testing of Online Book Store.

VERIFY NP =

Done ✓ Done ⚡ Improve work item

Details

Assignee	Nandini Patwa
Labels	None
Parent	MT-2 Project for Summer Interns
Due date	25 Jul 2025
Team	Summer Internship
Start date	17 Jul 2025
Sprint	MT Sprint 2 +1
Story point estimate	2
Development	Create branch ▼
	Create commit ▼
Reporter	Nandini Patwa

Pass:

Projects / Manual Testing / MT-329 / MT-332

UTTC-03 Test addBookToDatabase() method

+ Description

TP-Bookstore011	Unit Testing	UTTC-03	Test addBookToDatabase() method	Book should be added to the database	Book added to the database	Pass
-----------------	--------------	---------	---------------------------------	--------------------------------------	----------------------------	------

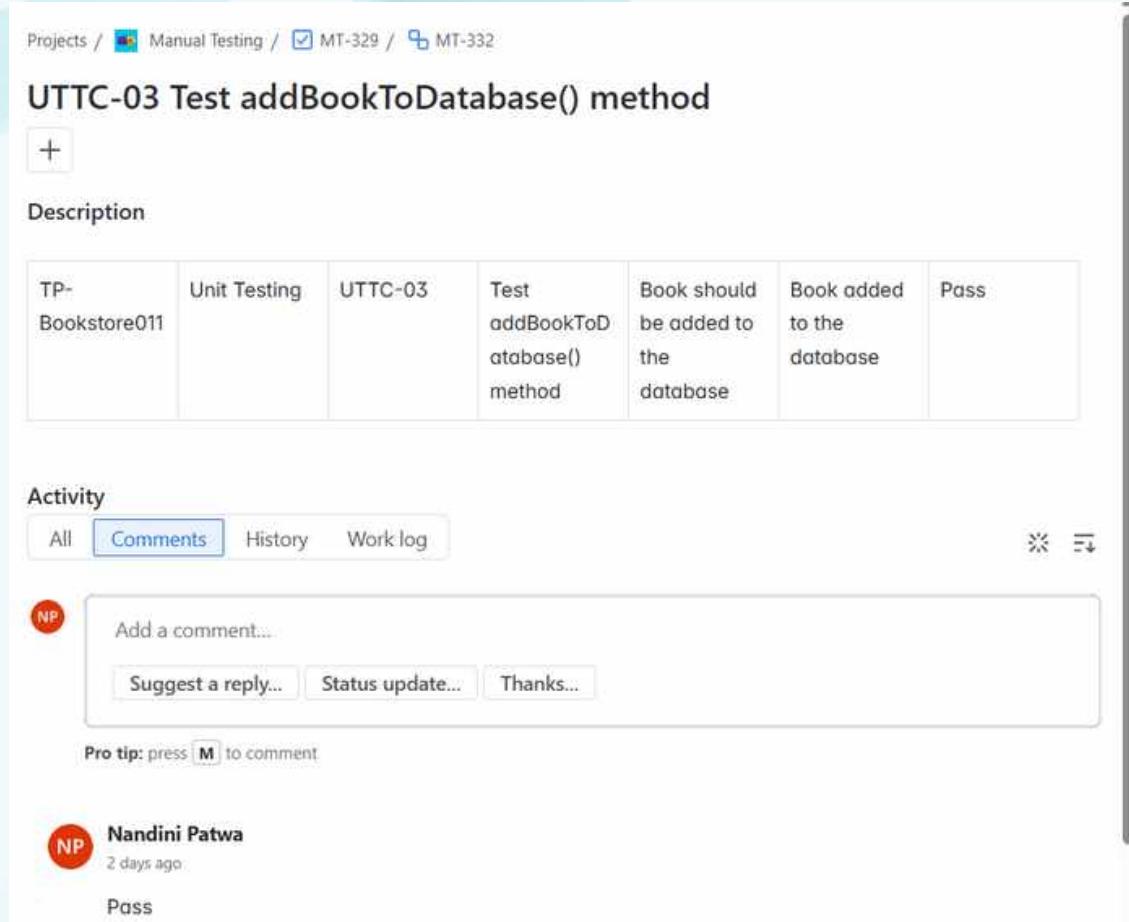
Activity

All Comments History Work log

Add a comment... Suggest a reply... Status update... Thanks...

Pro tip: press M to comment

Nandini Patwa 2 days ago Pass



URL: https://abesitcrc-trainingteam.atlassian.net/browse/MT-332

Fail:

URL: https://abesitcrc-trainingteam.atlassian.net/browse/MT-333

Projects / Manual Testing / MT-329 / MT-333

UTTC-04 Verify that user can login() with empty password

+ Description

TP-Bookstore011	Unit Testing	UTTC-04	Verify that user can login() with empty password	Returns error or False when putting empty password	Exception thrown	Fail
-----------------	--------------	---------	--	--	------------------	------

Connected work items

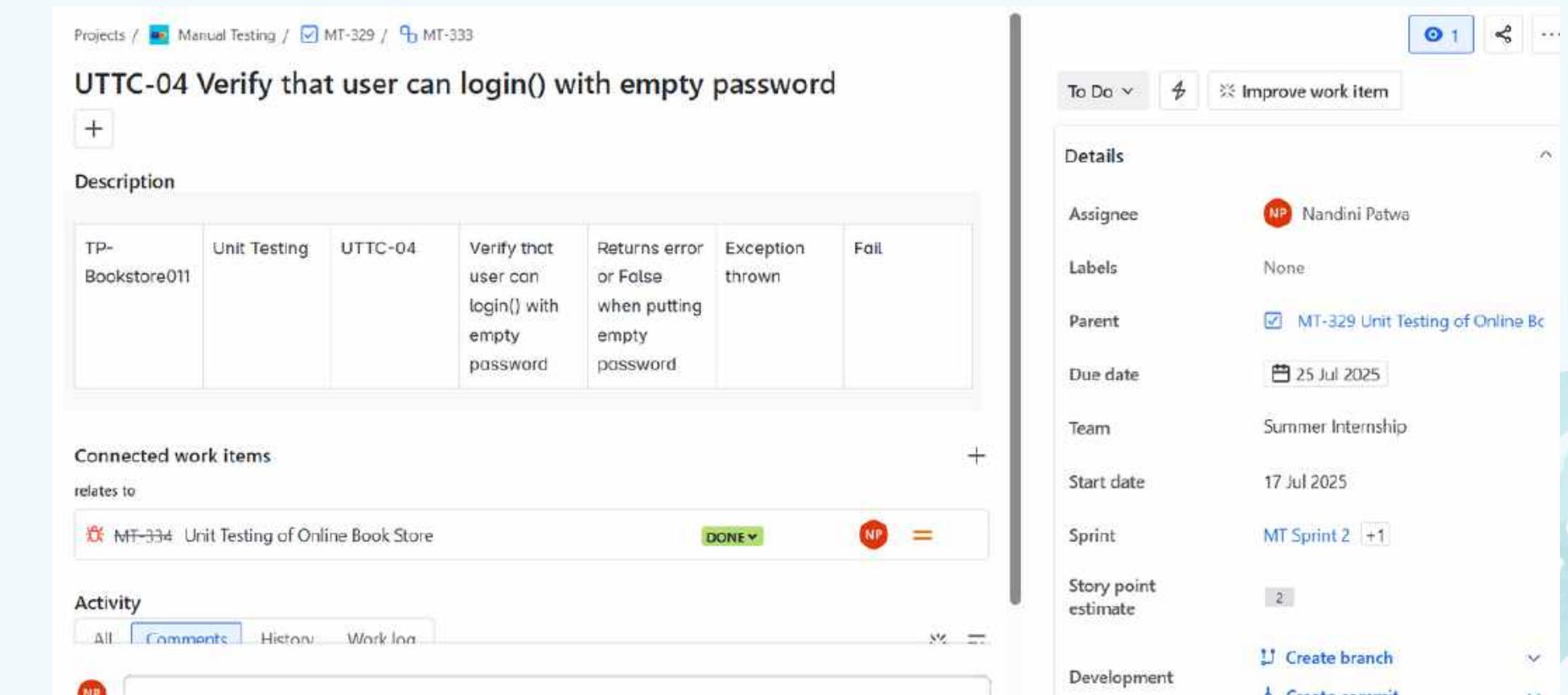
relates to:

MT-334 Unit Testing of Online Book Store DONE NP =

Activity

All Comments History Work log

Nandini Patwa



Scrum Report:

Sprint Duration: 1 July,2025 - 25 July,2025

Role: Tester

Intern: Nandini Patwa

Sprint Goal: To design and thoroughly test key modules of an online book store with all core functionalities through 8 types of manual testing.

Sprint Deliverables:

Feature	Status	Details
Login & Registration	Completed	User sign-up/login with form validation and authentication
Role-based Access (Admin/User)	Completed	Different interfaces and permissions for Admin and User
Browse Books	Completed	Users can search, view, and filter available books
Add to Cart	Completed	Books can be added to cart, quantity managed
Shipping Address Input	Completed	Users enter address before placing an order
Checkout Process	Completed	Order review, address confirmation, and UPI payment integration
Admin Dashboard	Completed	Admin can view and manage book inventory
Add/Update/Delete Books	Completed	CRUD operations on books via Admin panel
Book Deletion using Book ID	Completed	Admin can delete a book by its unique ID
UI Responsiveness	Completed	Application adapts to mobile, tablet, and desktop viewports

Manual Testing Summary:

Testing Type	Total Cases	Pass	Fail
Functional Testing	24	19	5
Smoke Testing	13	12	1
Integration Testing	8	6	2
Regression Testing	8	7	1
Retesting	6	6	0
Adhoc Testing	5	3	2
Unit Testing	5	3	2
System Testing	8	7	1
Total	77	63	14

Key issues and fixes:

Issue	Resolution
Cart Not Updating Quantity Properly	Fixed logic in the cart update function and added input validation
Admin Panel Access Not Restricted	Applied role-based access control (RBAC) and session checks for admin routes
Duplicate Book Entries in Database	Added unique constraints and backend checks during book insertion
Book Deletion Not Reflecting Instantly	Implemented frontend state update after successful deletion API call
Payment Gateway Integration Failed	Updated API keys, ensured HTTPS protocol, and corrected callback URL

Conclusion:

All major functionalities of Online Book Store were implemented and tested and the system passed 63 out of 77 test cases across 8 testing types. The project met all its objectives and is ready for final release.



Thank
You