

Project	Read & Relay
Team	2

UC01: Create a new account			
Test case ID	Test case description	Test steps	Expected output
TC01	Create a new account with valid credentials	<ul style="list-style-type: none"><li>- Open browser.</li><li>- Navigate to the "Log in" page.</li><li>- Choose "Sign up"</li><li>- Enter valid credentials for the new account (name, email, password, repeat password).</li><li>- Submit the registration by clicking on "Create account" button.</li></ul>	<ul style="list-style-type: none"><li>- After successful posting, users may be redirected to the "Home" page or the catalog, providing a seamless navigation experience.</li></ul>
TC02	Create a new account with invalid credentials (incorrect email address format)	<ul style="list-style-type: none"><li>- Open browser.</li><li>- Navigate to the "Log in" page.</li><li>- Choose "Sign up"</li><li>- Enter valid credentials for the new account (name, password, repeat password).</li><li>- Intentionally enter an invalid email address with an incorrect format.</li><li>- Submit the registration by clicking on "Create account" button.</li></ul>	<ul style="list-style-type: none"><li>- The system should display an error message indicating that the entered email address has an incorrect format.</li><li>- Users should be prevented from successfully creating a new account with an email address that has an incorrect format.</li></ul>
TC03	Create a new account with invalid credentials (non-matching password fields)	<ul style="list-style-type: none"><li>- Open browser.</li><li>- Navigate to the "Log in" page.</li><li>- Choose "Sign up"</li><li>- Enter valid credentials for the new account (name, email, password).</li><li>- In the "Repeat Password" field, intentionally enter a different password.</li><li>- Submit the registration by clicking on "Create account" button.</li></ul>	<ul style="list-style-type: none"><li>- The system should display an error message indicating that the entered passwords in the "Password" and "Repeat password" fields do not match.</li><li>- Users should be prevented from successfully creating a new account with an email address that has an incorrect format.</li></ul>
TC04	Create a new account with invalid credentials (empty fields remaining)	<ul style="list-style-type: none"><li>- Open browser.</li><li>- Navigate to the "Log in" page.</li><li>- Choose "Sign up"</li><li>- Enter valid credentials for the new account (name, email, password).</li><li>- In the "Repeat Password" field, intentionally enter a different password.</li><li>- Submit the registration by clicking on "Create account" button.</li></ul>	<ul style="list-style-type: none"><li>- The system should display an error message indicating that all required fields must be filled.</li><li>- Users should be prevented from successfully creating a new account with an email address that has an incorrect format.</li></ul>
TC05	Create a new account with invalid credentials (email address already exists in database)	<ul style="list-style-type: none"><li>- Open browser.</li><li>- Navigate to the "Log in" page.</li><li>- Choose "Sign up"</li><li>- Enter valid credentials for the new account (name, password, repeat password).</li><li>- Enter an email address that already exists in the database, and a password.</li><li>- Submit the registration by clicking on "Create account" button.</li></ul>	<ul style="list-style-type: none"><li>- The system should display an error message indicating that the entered email address already exists in the database.</li><li>- Users should be prevented from successfully creating a new account with an email address that is already registered.</li></ul>

UC02: Log in with an existing account			
Test case ID	Test case description	Test steps	Expected output
TC01	Log in with valid credentials	<ul style="list-style-type: none"><li>- Open browser.</li><li>- Navigate to the "Log in" page.</li><li>- Enter valid credentials (email and password) in the respective fields.</li><li>- Click the "Log in" button to submit the login form.</li></ul>	<ul style="list-style-type: none"><li>- Users may be redirected to the "Home" page or the catalog, providing a seamless navigation experience.</li></ul>
TC02	Log in with invalid credentials (email address not registered)	<ul style="list-style-type: none"><li>- Open browser.</li><li>- Navigate to the "Log in" page.</li><li>- Enter valid credentials (password)</li><li>- Enter an email address that is not registered in the system.</li><li>- Click the "Log in" button to submit the login form.</li></ul>	<ul style="list-style-type: none"><li>- The system should display an error message indicating that the entered email or password is not correct.</li><li>- Users should be prevented from successfully logging in.</li></ul>
TC03	Log in with invalid credentials (incorrect password)	<ul style="list-style-type: none"><li>- Open browser.</li><li>- Navigate to the "Log in" page.</li><li>- Enter valid credentials (email) in the respective field.</li><li>- Enter an incorrect password in the respective field.</li><li>- Click the "Log in" button to submit the login form.</li></ul>	<ul style="list-style-type: none"><li>- The system should display an error message indicating that the entered email or password is not correct.</li><li>- Users should be prevented from successfully logging in.</li></ul>
TC04	Log in with invalid credentials (empty fields)	<ul style="list-style-type: none"><li>- Open browser.</li><li>- Navigate to the "Log in" page.</li><li>- Leave the email address and password fields empty.</li><li>- Click the "Log in" button to submit the login form.</li></ul>	<ul style="list-style-type: none"><li>- The system should display an error message indicating that all required fields must be filled.</li><li>- Users should be prevented from successfully logging in.</li></ul>

TC05	Log in with invalid credentials (incorrect email address format)	<ul style="list-style-type: none"><li>- Open browser. - Navigate to the "Log in" page.</li><li>- Enter an email address with an incorrect format (missing "@" symbol, incorrect domain).</li><li>- Enter valid credentials (password) in the respective fields.</li><li>- Click the "Log in" button to submit the login form.</li></ul>	<ul style="list-style-type: none"><li>- The system should display an error message indicating that the entered email address has an incorrect format.</li><li>- Users should be prevented from successfully logging in.</li></ul>
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UC03: View books in detail			
Test case ID	Test case description	Test steps	Expected output
TC01	Verify that all relevant details of the book are displayed correctly.	<ul style="list-style-type: none"><li>- Open browser.</li><li>- Click on a specific book from the list.</li><li>- Check if the web transitions to the detailed view of the selected book.</li><li>- Verify that the detailed view displays accurate information for the selected book, including title, author, genre,...</li></ul>	<ul style="list-style-type: none"><li>- All relevant details of the book are displayed correctly.</li></ul>
TC02	View comments for a book	<ul style="list-style-type: none"><li>- Open browser.</li><li>- Click on a specific book from the list.</li><li>- Check if the web transitions to the detailed view of the selected book.</li><li>- Scroll down further to load more comments if applicable.</li></ul>	<ul style="list-style-type: none"><li>- Comments are presented in a clear and concise format, ensuring readability.</li><li>- Each comment includes information about the commenter, such as their name, allowing users to identify the author easily.</li></ul>
TC03	View recommend books	<ul style="list-style-type: none"><li>- Open browser.</li><li>- Click on a specific book from the list.</li><li>- Check if the web transitions to the detailed view of the selected book.</li><li>- Scroll down further to load more recommend books if applicable.</li></ul>	<ul style="list-style-type: none"><li>-The system displays recommended books based on the genre of the current book.</li></ul>
TC04	Add book to favorite	<ul style="list-style-type: none"><li>- Open browser.</li><li>- Click on a specific book from the list.</li><li>- Check if the web transitions to the detailed view of the selected book.</li><li>- Click on the heart symbol</li></ul>	<ul style="list-style-type: none"><li>- The system display a notification for user when the book is added to favorites list successfully</li><li>-The system adds the book to the favorites list.</li></ul>
TC05	Add book to shopping cart	<ul style="list-style-type: none"><li>- Open browser.</li><li>- Click on a specific book from the list.</li><li>- Check if the web transitions to the detailed view of the selected book.</li><li>- Click on "Add to cart" button</li></ul>	<ul style="list-style-type: none"><li>- The system display a notification for user when the book is added to cart successfully</li><li>- The shopping cart is updated.</li></ul>

UC04: Post book sales			
Test case ID	Test case description	Test steps	Expected output
TC01	Post a book with invalid book details (empty details)	<ul style="list-style-type: none"><li>- Open a web browser.</li><li>- Log in to the system with valid credentials.</li><li>- Click on the "Plus" icon located on the right side of the header.</li><li>- Leave all the details of the book empty in the book posting form.</li><li>- Click on the "Publish" button to attempt the book upload.</li></ul>	<ul style="list-style-type: none"><li>- The system should display an error message indicating that all required fields must be filled.</li><li>- Users should be prevented from successfully posting a book with empty details.</li></ul>
TC02	Post a book without logging in	<ul style="list-style-type: none"><li>- Open a web browser.</li><li>- Click on the "Plus" icon located on the right side of the header.</li><li>- Enter all the required details into their respective fields in the book posting form.</li><li>- Upload an image for the book's cover.</li><li>- Click on the "Publish" button to upload the book.</li></ul>	<ul style="list-style-type: none"><li>- The system should display an error message indicating that users need to log in to post a book.</li><li>- The error message should provide information on how to log in or register if the user does not have an account.</li></ul>
TC03	Post a book without uploading a cover image	<ul style="list-style-type: none"><li>- Open a web browser.</li><li>- Log in to the system with valid credentials.</li><li>- Click on the "Plus" icon located on the right side of the header.</li><li>- Enter all the required details into their respective fields in the book posting form.</li><li>- Click on the "Publish" button to upload the book.</li></ul>	<ul style="list-style-type: none"><li>- The system should display an error message indicating that all required fields must be filled.</li><li>- Users should be prevented from successfully posting a book with empty details.</li></ul>
TC04	Post an existing book in books for sale	<ul style="list-style-type: none"><li>- Open a web browser.</li><li>- Log in to the system with valid credentials.</li><li>- Click on the "Plus" icon located on the right side of the header.</li><li>- Identify an existing book already listed for sale.</li><li>- Optionally, make changes to the book details.</li><li>- Click on the "Publish" button to attempt posting the existing book for sale.</li></ul>	<ul style="list-style-type: none"><li>- The system should display an error message indicating that the book is already listed for sale.</li><li>- Users should be prevented from successfully posting an existing book for sale.</li></ul>

TC05	Post a Book with a Lengthy Description	<ul style="list-style-type: none"><li>- Open a web browser.</li><li>- Log in to the system with valid credentials.</li><li>- Click on the "Plus" icon located on the right side of the header.</li><li>- Enter all the required details into their respective fields in the book posting form.</li><li>- Provide a lengthy and detailed description for the book in the description field. (&gt; 300 words)</li><li>- Click on the "Publish" button to upload the book.</li></ul>	<ul style="list-style-type: none"><li>- The system should display an error message indicating that the description exceeds the maximum allowed length.</li><li>- Users should be prevented from successfully posting a book with a description that exceeds the maximum length.</li></ul>
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Use-case 05: Checkout			
Test case ID	Test case description	Test steps	Expected output
TC01	Checkout with empty cart	<ul style="list-style-type: none"><li>- Open a web browser.</li><li>- Log in to the system with valid credentials.</li><li>- Navigate to the shopping cart located on the right side of the header.</li><li>- Attempt to proceed with the checkout process without adding any items to the cart.</li><li>- Click on the "Proceed to Checkout" button.</li><li>- Enter valid details for billing and choose a payment method.</li><li>- Confirm the order by clicking on the "Place Order" button.</li></ul>	<ul style="list-style-type: none"><li>- The "Checkout" button or its equivalent will be disabled or non-clickable.</li><li>- The system will prevent users from proceeding with the checkout when the cart is empty.</li></ul>
TC02	Checkout with insufficient inventory	<ul style="list-style-type: none"><li>- Open a web browser.</li><li>- Log in to the system with valid credentials.</li><li>- Add a book to the shopping cart.</li><li>- Set the inventory of the added book to a quantity less than the quantity in the cart or to zero.</li><li>- Navigate to the shopping cart located on the right side of the header.</li><li>- Select the checkbox for the specific book(s) to be purchased.</li><li>- Attempt to proceed with the checkout process without adding any items to the cart.</li><li>- Click on the "Proceed to Checkout" button.</li><li>- Enter valid details for billing and choose a payment method.</li><li>- Confirm the order by clicking on the "Place Order" button.</li></ul>	<ul style="list-style-type: none"><li>- The system should display an error message indicating that there is insufficient inventory for one or more items in the cart.</li><li>- Users should be prevented from successfully proceeding with the checkout when there is insufficient inventory.</li><li>- The "Place order" button should be disabled until the inventory issues are addressed.</li></ul>
TC03	Checkout as a guest user	<ul style="list-style-type: none"><li>- Open a web browser.</li><li>- Add a book to the shopping cart.</li><li>- Navigate to the shopping cart located on the right side of the header.</li><li>- Attempt to proceed with the checkout process.</li><li>- Click on the "Proceed to Checkout" button.</li><li>- Enter valid details for billing and choose a payment method.</li><li>- Confirm the order by clicking on the "Place Order" button.</li></ul>	<ul style="list-style-type: none"><li>- The system will display a message prompting the user to log in or create an account before proceeding to checkout.</li><li>- The "Checkout" button or its equivalent will be disabled or non-clickable.</li><li>- The system will prevent the user from proceeding with the checkout as a guest user.</li></ul>
TC04	Multiple items checkout	<ul style="list-style-type: none"><li>- Open a web browser.</li><li>- Add more than 2 books to the shopping cart.</li><li>- Navigate to the shopping cart located on the right side of the header.</li><li>- Select the checkbox for the specific book(s) to be purchased.</li><li>- Attempt to proceed with the checkout process.</li><li>- Click on the "Proceed to Checkout" button.</li><li>- Enter valid details for billing and choose a payment method.</li><li>- Confirm the order by clicking on the "Place Order" button.</li></ul>	<ul style="list-style-type: none"><li>-Upon successful completion of the payment, the system will automatically append the recently purchased books to the list of acquired titles.</li><li>-Users will be redirected back to the Home page for a seamless navigation experience.</li></ul>
TC05	Checkout without selecting payment method	<ul style="list-style-type: none"><li>- Open a web browser.</li><li>- Add more than 2 books to the shopping cart.</li><li>- Navigate to the shopping cart located on the right side of the header.</li><li>- Select the checkbox for the specific book(s) to be purchased.</li><li>- Attempt to proceed with the checkout process.</li><li>- Click on the ""Proceed to Checkout"" button.</li><li>- Enter valid details for billing.</li><li>- Confirm the order by clicking on the ""Place Order"" button."</li></ul>	<ul style="list-style-type: none"><li>- The system should disable the "Place order" button if the user attempts to proceed with the checkout without selecting a payment method.</li><li>- Display an error message indicating that a payment method must be selected before proceeding with the checkout.</li><li>- Users should not be able to submit the checkout form until a payment method is selected.</li></ul>



































Actual output	Result	Tester	Test date
- Same as expected output	PASS	Nguyễn Ngọc Vũ	23/12/2023
- Same as expected output	PASS	Lê Mỹ Khánh Quỳnh	23/12/2023
- Same as expected output	PASS	Lê Mỹ Khánh Quỳnh	23/12/2023
- Same as expected output	PASS	Lê Mỹ Khánh Quỳnh	23/12/2023
- Same as expected output	PASS	Nguyễn Ngọc Vũ	23/12/2023

Actual output	Result	Tester	Test date
- Same as expected output	PASS	Nguyễn Quỳnh Hương	23/12/2023
- Same as expected output	PASS	Nguyễn Quỳnh Hương	23/12/2023
- Same as expected output	PASS	Đình Công Huy Hoàng	23/12/2023
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- Same as expected output	PASS	Nguyễn Ngọc Vũ	23/12/2023

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-Same as expected output	PASS	Đình Công Huy Hoàng	23/12/2023



























































































































































