Test ID	User Story ID	User Story Description	Test Scenario	Test data	Action	Exected result	Status	Comment
1	1	As a user, I need an informative landing page to evaluate the BookSwap platform and make an informed decision about joining	Upon load a landing page is displayed with information about the platform	http://localhost:3000	Start backend and frontend servers to run the application.	Landing/home page is loaded	PASS	
2			The user inputs username, first name, email and password and successfully join the platform.	username: gabriel41 first name: Gabriel email: gab41@gmail.com password: password13	Click on the join button	Successful join, redirect to borrowing page	PASS	
3			In case data is missing or validation rules fail, error is displayed to the user.	first name: Gabriel email: gab41@gmail.com password: password13	Please log out if necessary. Click on the join button and use the test data.	Error message: Invalid value. Username must be at least 5 characters long.	PASS	
4	2	As a user, I want to be able to join BookSwap platform, so that I can access and utilise its features.	In case a data validation rules fails, error is displayed to the user.	username: gab first name: Gabriel email: gab41@gmail.com password: password13	Click on the join button	Error message: Username must be at least 5 characters long.	PASS	
5			In case a data validation rules fails, error is displayed to the user.	username: gabriel41 first name: Gabriel email: gab41@gmail.com password: 13	Click on the join button	Error message: Password must be at least 6 characters long.	PASS	
6			Already used username provided.	username: gabriel41 first name: Gabriel email: gab41@gmail.com password: password13	Clcik on the join button following the registration with the same username and email.	Error message: Username is already in use!	PASS	
7			Already used email provided.	username: "gabriella" first name: Gabriella email: gab41@gmail.com password: 123456	Clcik on the join button following the registration with the same username and email.	Error message:Email is already in use!	PASS	
8			User type only username or password.	password: 12345 or username: kriszta	Click on the login button	Error message: Username is required. Or Password is required.	PASS	
9	3	As a user, I want to be able to log in to BookSwap platform, so that I can access and utilise its features.	User use incorrect username.	username: krisz password: 123456	Click on the login button	Error message: "Incorrect username!"	PASS	
10			User type incorrect pasword.	username: kriszta password: 12345	Click on the login button	Error message: "Incorrect password!"	PASS	
11			The user inputs username and password and successfully login to the platform.	username: kriszta password: 123456	Click on the login button	Successful login, redirect to borrower page.	PASS	
12		As a lender, I want the ability to add new books to the BookSwap database if they are not already added, so I can add them to my listings. As a lender, I want to create a book listing, so that I can share books I have for borrowing. As a lender, I want to provide additional information such as location and condition for my listed books, so it will be easier for borrowers to make more informed decisions.	The user inputs the required user fields on the lending page Add Book to Swap List form	Title: Wuthering Heights Author: Emily Bronte Location: Brisbane Condition: good	Click on the add button.	The book listing is added to the database, a book card is rendered above the form with the details of the new book.	PASS	In case the book has not yet been added to the database then it is first saved and then added to the user listing. Availability is automatically set to available. In case the book already exists in the database, only the listing will be created for the user and all book details in the database will be added to the card.
13	4 and 6 and 15.a.		User misses at least one of the required input.	Do not provide any information	Click on the add button.	Error message: Title is required! Author is required! Condition is required and has to be chosen from the list! Location is required!	PASS	
14			The book was already added to the user listing.	Title: Wuthering Heights Author: Emily Bronte Location: Brisbane Condition: good	Click on the add button.	Error message: This book was already listed.	PASS	
15			Values provided prompt validation issues.	image Url: "not an image url" title: Court of Mist and Fury author: Sarah J. Maas location: Brisbane condition: good	Click on the add button.	Error message: "Not valid url format! "	PASS	
16	5	As a lender, I want to edit the details of the books I have added to the database on BookSwap so that I can rectify any mistakes or inaccuracies.	Lender clicks on the card to modify book details she added to the database (if she didn't add the book to the database, she can only change the listing information). Change book details and Save changes. The new information is successfully saved and rendered on the book card.	Pages: 360	1.Lender clicks on the Edit book and listing button 2. Edit modal opens up with the book details, the lender makes the necessary modification 3. Clicks on the Save Changes button.	Changes appear on the book card and saved in the database.	PASS	Only the user who added the book to the database can change its details!
17			Lender deletes any prevously filled field value and save with an empty value.	Delete any value in the "Book details" section of the form	1.Lender clicks on the Edit book and listing button 2. Edit modal opens up with the book details, the lender makes the necessary modification 3. Clicks on the Save Changes button.	Error message: The <property_name> can not be empty!	PASS	
18	7	As a lender, I want to view all my books listed, making it easy for me to see and manage them.	Book cards are listed to the lender to see their listing when navigate to the lending page.		Navigate to the lending page.	Book cards with the details successfully rendered on the lending page.	PASS	

#	Req	User Story	Test Description	Test Data	Test Steps	Expected Result	Status	Notes
19	8 and 15.b.	As a lender, I want the ability to edit the status of my listed books, so it will be clear to everyone when they are available. As a lender, I want to edit the additional information such as location and condition for my listed books, so I can provide up-to-date extended information to borrowers.	Lender clicks on a card to modify book listing details. Changes will be successfully saved and rendered on the book card.	Location: from Brisbane to Sydney Condition: from good to used.	1.Lender clicks on the Edit book and listing button or Edit listing button 2. Edit modal opens up with the book details, the lender makes the necessary modification 3.Click on the Save Changes button	Changes appear on the book card and saved in the database.	PASS	Please select a different card then used in the previous tests
20			Lender deletes a field value and send an empty value.	Delete any value in the "Listing details" section of the form	1.Lender clicks on the Edit book and listing button or Edit listing button 2. Edit modal opens up with the book details, the lender makes the necessary modification 3.Click on the Save Changes button	Error message: The location (deleted value name) can not be empty!	PASS	
21	9	As a lender, I want to delete a listed book, so that I can remove books that are no longer available for borrowing.	Lender deletes book listing successfully.		Click on the delete listing button on one of the book listings	Card will be deleted from the list.	PASS	Important! Only the listing will be deleted. Books can not be deleted from the database.
22	10	As a borrower, I want to be able to search for books by title, allowing me to find books that match my interests.	Search by title gives back result.	Title: Never lie	Change to the "Borrowing" page in the top navigation bar, fill out the search field and Click on the Search button	Search is successful and the existing listings are shown	PASS	
23			Title is not provided		Click on the Search button	Error message: Title field is mandatory.	PASS	
24			Title provided but there is no result.	Title: kismacska	Click on the Search button	Error message: Book can not be found!	PASS	
25	11	As a borrower, I want a clear display of search results that shows all copies of books from different lenders, so I can make a decision on which book to borrow.	Once search has been executed the result should be presented for the user under Search Result.	Title: Never lie	Fill out the Title search field and Click on the Search button	All listings from different lenders will be displayed on card format.	PASS	
26	12	As a borrower, I want to view basic book information and the lender's name and lender's email, so that I can contact them externally via email for borrowing requests	Once search has been executed the result should be presented for the user under Search Result.	Title: Never lie	Fill out the Title search field and Click on the Search button	The card minimally displays the book title, author, availability status, the lender's name and email address.	PASS	
27	13	As a user, I want the ability to securely log out of the application, ensuring that my platform details remain protected and inaccessible to unauthorised individuals.	When logged-in users click on the logout icon in the NavBar, they are able to log out successfully.		Click on logout icon	User successfully logged out.	PASS	Only logged in users can see the logout icon.
28	14	As a user I would like to be able to navigate between the pages, so I can utilise every functionality	Logged-in users can navigate between pages using the NavBar links.	username: kriszta password: 123456	Please login if necessary. Click on any of the NavBar links to navigate between pages.	Upon navigation appropriate page loads to the user.	PASS	Only logged in users can see the navigation links.
29	16.a.	As a borrower, I want to search for books using various criteria (e.g., title, author, location), so that I can find books more accurately and efficiently.	Logged-in users can define search criteria and search is successful.	Title: Never lie Condition: good	Click on the Search button	Search is successful.	PASS	
30			Title is not provided		Click on the Search button	Error message: Title field is mandatory.	PASS	
31			Title provided but there is no result.	Title: kismacska	Click on the Search button	Error message: Book can not be found!	PASS	
32	16.b.	As a borrower, I want to see extended information about the listed books (e.g., location, condition), so that I can find books more accurately and efficiently.	Once search has been executed the result should be presented for the user under Search Result.	Title: Never lie	Fill out the Title search field and Click on the Search button	The card displays the book title, author, availability status, the lender's name and email address, location and condition of the book.	PASS	
33	CR4.	AddBook and LenderListing order was chnaged, added a card to the Lenderlisting first position, this card contains information about adding a book and a button that jumps to the form section.	When a logged-in user clicks on the Jump to Add Book button on the lending page's first rendered card, they are directed to the Add Book section.		Click on the Jump to Add Book button	User directed to the Add Book to Swap List section.	PASS	
34		Site responsiveness	Test that all functions and views are properly responsive.		Change display views	Display should be responsive on desktop, tablet and mobile.	PASS	