

Bookeroo Project Report

Team: 6

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Vision statement

“To be the most versatile, multipurpose digital platform for book-lovers.”

In this day and age, e-platforms have become a part of our everyday lives. Social media has provided the general public a means of sharing diverse forms of self-expression, such as video, photo, literary, and many more. Meanwhile, e-commerce has brought fortune and prosperity to retail from large million-dollar companies to small independent businesses. Both have improved the accessibility to and scalability of products and digitalised media. However, most of these platforms are highly generalised. Bookeroo aims to be different by hosting a place specifically for book-lovers, while employing both a means of expression as well as an online marketplace for users to sell and purchase books around the world. Customers and shop-owners are no longer restricted by the physical environment and locale. Customers can explore new books that they have never heard of before. Book-enjoyers no longer have to find each other online. Books can be bought and sold all over the world and readers can share their own opinions about the books that they have read with one another. In this manner, Bookeroo becomes both a social media and e-commerce platform specially designed for book-lovers. It is a forum in both a traditional sense - a public marketplace (from Latin *forum*) - and a modern connotation - a place for discussion. Bookeroo aims to be multipurpose and versatile to provide book-lovers with as much opportunity as possible with the accessible and scalable advantages that the online medium offers.

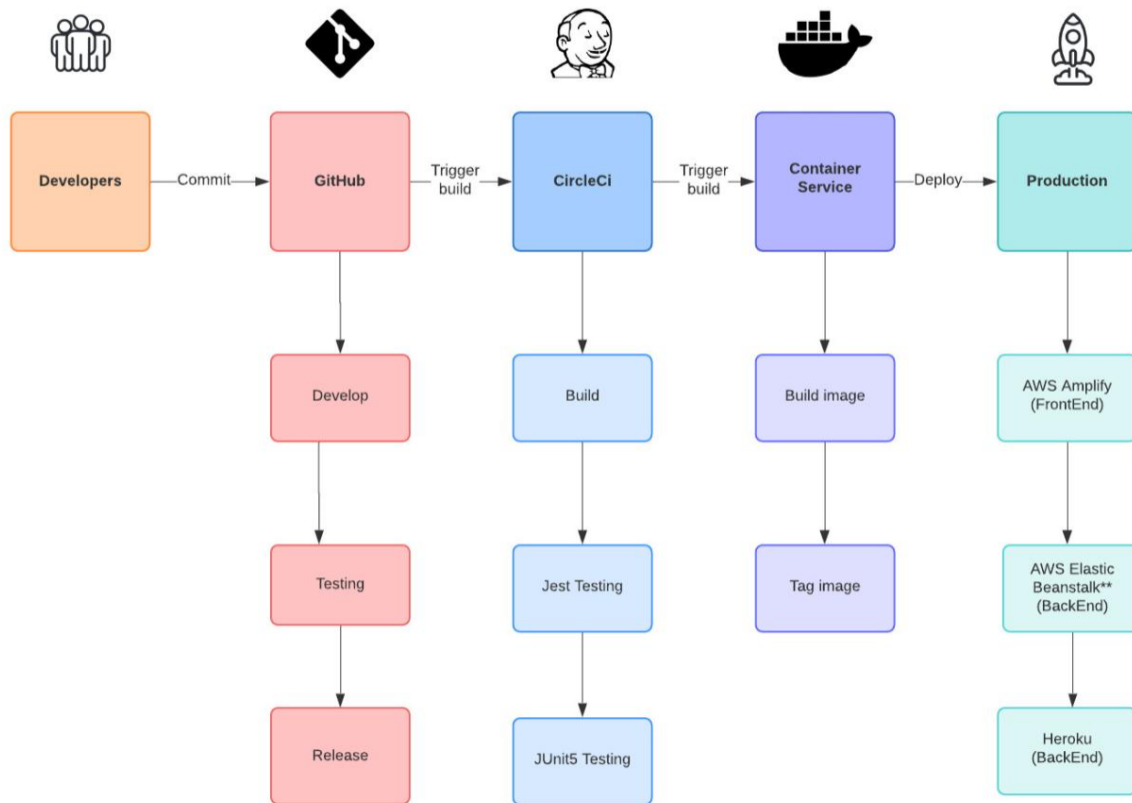
Scrum Process

The group aimed to meet at least once per week over an online mode of communication, and have met twice per week for most weeks. All members have been present during all meetings. Documentations were written by the Scrum Master to represent the scrum team.

During the planning stage of development (a.k.a., "*Sprint 0*"), the group elicited the initial requirements of the application from the client via the Product Owner. Having been reported that certain requirements in particular should be prioritised, the team created a product backlog and discussed the priority levels and estimated effort for each backlog item. These were then translated into user stories and acceptance criteria. After consulting with the Product Owner and applying any adjustments to these scrum documents, the product backlog was cloned into Jira, so that members can update the status of the items to be committed in sprints and track the progress of each item. Meanwhile, the UI of the application was discussed amongst the team and designed. All of these documents and visual aid were sent to the Product Owner for assessment to not only ensure that the vision for the final product will meet the interests and requests of the client, but is also user-friendly.

Development starts from Sprint 1 and continues for all subsequent sprints until the final deadline. If new features had been elicited from the client via the Product Owner, new backlog items, user stories and acceptance criteria were written. At the start of each sprint, the team members discussed the aim of the sprint, the product backlog items to be committed and the user story points allocated to each of those items. The aim of the sprint is based on the elicited priorities acquired when the group last met with the Product Owner. It was also taken in consideration that some features require other features to first be implemented, or a particular microservice was to be constructed. The user story points were also considered, and were based on the sprint velocity of the team if applicable. The plan was documented into a Sprint Planning document per sprint. A sprint is then created on Jira as a new board. The tasks were then delegated according to the primary and secondary roles of each member. During the sprint, the Jira board and product backlog item statuses are updated. The burndown progress is also monitored. Each meeting, the group reviews what has been done and what still needs to be done. Issues and bugs were also identified so that they could be resolved. During consultations with the Product Owner, the group progress was also assessed, and members may clarify any queries. At the end of the sprint, the sprint velocity is calculated and the current burndown is documented. The sprint retro is also written, as members reflect on their performance during the sprint. The sprint retro details what went well, what did not, surprises, lessons learned and final thoughts. The project and documents are sent to the Product Owner for assessment.

Deployment Pipeline Diagram



Acceptance Testing Sprint

SPRINT 3 + SPRINT 4 ACCEPTANCE TESTING

TC#	Test execution steps	Expected result	Test result	Date tested	TC Time	Comment
User Story: As a Visitor, I want to search for book by category so that I can check if the website has books belonging to a particular category.						
1	1. Click the link for the catalogue in the	A. Goes to catalogue page	Visitor gets sent to the catalogue page	23/10/21	8:40p m	
2	1. Typing in the search bar for a category	A. Displays results for the searched category	The correct results are displayed when a category is typed in			
3	1. Typing in a incorrect search term in the search bar	A. Does not display books when an incorrect search term is used	No books are displayed when an incorrect search term is used			Perhaps including a message of “no relevant results matched the search term”
4		A.				
User Story: As a Public User, I want to search for book by category so that I can check if the website has books belonging to a particular category.						
5	1. Click login link from top nav-bar	A. Goes to login page	Goes to login page	23/10/21	9:00p m	
6	1. Successfully log in 2. Click the link for the catalogue in the nav bar	A. Goes to catalogue page	Visitor gets sent to the catalogue page.			
	6. Typing in the search bar for a category	B. Displays results for the searched category	The correct results are displayed when a category is			

			typed in			
	2. Typing in a incorrect search term in the search bar	B. Does not display books when an incorrect search term is used	No books are displayed when an incorrect search term is used			Perhaps including a message of “no relevant results matched the search term”
User Story: As a user, I want to to preview a cover for a book, so that I can find out what the book looks like						
7	1. Search for the book i’m looking for in the search bar	A. Displays correct results for the search term	Displays the correct results for the search term	23/10/21	9:05p m	
8	1. When search is finished, The book listings thumbnails appear as the book cover	A. The correct book cover displays on the thumbnail listing	The thumbnail listing for the searched book/s displays the placeholder image			At the time of testing the feature was not fully implemented
9	2. When clicking on a book listing, the full page listing of the book is displayed displayed in the	A. The image of the book in the listing should display the book cover	The full page listing only displays the current placeholder image for the book cover			At the time of testing the feature was not fully implemented
10	1.	A.				
User Story: As a user, I want to to preview a table of contents of a book so that I can find out the different sections/chapters of a book						
11	1. Search for a particular book inside the search bar	A. Displays correct results for the search term	Displays the correct results for the search term	23/10/21	9:22p m	
12	1. Click on the book listing to see the	A. Inside the full listing	The full listing of the			At the time of testing this

	full listing of the book	the user can view an image of the contents of the books	book does not display an image of the contents			feature has not been properly implemented.
13	1.	A.				
User Story: As a user, I want to reset the password on my account when I forget my password, so that I can securely access my account with a new password						
14	1. User is not logged into their account and click on the sign-in link	A. The sign-in page displays properly	The sign-in page displays correctly	23/10/21	9:35pm	
15	1. User can click the forgot password link	A. Sign in page should display a clickable link "forgot password"	The sign-up page has no link for users to reset their password			At the time of testing this feature had not been implemented properly.
16	1. User fills out a form with a new password and the password of confirmation	A. The application displays a form to set a new password	No form exists within the application			"
17	1. User clicks the reset password button	A. Clicking the reset password button, resets the passwords and displays a return to homepage page	No reset password method exists within the application			"

User story: As a public user I want to request to change my account type to shop owner so that I can sell new books as a business owner

18	1. Click on the settings tab in the nav bar	A. Successfully taken to the settings page	Successfully taken to the settings page	23/10/21	9:51pm	
19	1. Click the request to become shop owner button	A. Clicking the button the will send a request to the admins and print an alert with request sent	Sends a request to the application admins and alerts the user of the request sent			

User story: As an admin, I want to approve/decline public users requests to become shop owners, so that I can assess the legitimacy of the businesses of public users who want to become shop owners

20	1. Log into admin account 2. Click inbox tab on the nav bar	A. Logs in successfully B. Sends the user to the inbox tab	Logs in successfully and successfully sends the inbox tab	23/10/21	10:09pm	
21	1. Find the public user to approve 2. Click the approve button	A. Drop down box displays users requesting to become shop owners B. Approve buttons approves the account and removes it from the list	Drop down box displays user list Approve button, approves the account and removes it from the list			
22	1. Find the public user to reject 2. Click the reject button	A. Drop down box displays users requesting to become	Drop down box displays user list Reject button, rejects the			

		shop owners. B. Rejects the user and removes it from the list	account and removes it from the list			
User story: As a admin, I want edit books inside the system, so that I can update details for books if any should change						
23	<ol style="list-style-type: none"> 1. Click the edit book link inside the nav bar 2. Select the book to edit from the drop down 3. selects the fields that need edits 4. Click update book 	<ol style="list-style-type: none"> A. Successfully takes user to the edit book page B. Drop down displays list of books C. Book detail fields displays and are editable D. Update button, update the book with new edits 	Successfully takes user to the edit book page Drop down displays list of books Book details are displayed and are editable Update button, updates the books with the edits	23/10/21	10:30pm	
User story: As a user, I want to add a new admin user account, so that a different admin can sign into a different account						
24	<ol style="list-style-type: none"> 1. Click add user button inside user list page 2. Enter new credentials for user 3. Add user button adds a new admin user to application 4. 	<ol style="list-style-type: none"> A. Add user buttons successfully leads to the add user form B. New user can be filled out C. Add user button adds a new admin 	Add user button, successfully leads to the add user form New user can be filled out Add user button, adds a new admin user and	23/10/21	10:35pm	

27	<ol style="list-style-type: none"> Click sell book link in nav Fill out form of book details Click upload book cover Click sell book button 	<ol style="list-style-type: none"> User is taken to the sell book page successfully Able to fill out form successfully Upload book cover allows for image to be uploaded to the book listing Sell book button, displays a popup with an alert that says the book has been listed 	Taken to the sell book page successfully Able to fill out form successfully Upload book cover button does not exist The sell book button, display an alert that the book has been listed	23/10/21	11:00pm	
						Book cover method had not been implemented within the application at this time.

User story: As a admin, I want to download csv reports about book transactions, so that I can view all the transaction data of a book

28	<ol style="list-style-type: none"> Click on the transaction history nav bar link Click on the transaction report link 	<ol style="list-style-type: none"> Successfully displays the transaction history The transaction report button downloads a csv file of the transaction history 	Successfully displays the transaction history page Transaction report button is now named download and does not function to download a csv file.	23/10/21	11:05pm	

User story: As a admin, I want to download csv reports about user transactions, so that I can view all the transaction data from a user

29	<ol style="list-style-type: none"> Click on the transaction 	<ol style="list-style-type: none"> Successfully displays 	Successfully displays the	23/10/21	11:10pm	
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	history nav bar link 2. Click on the transaction report link	the transaction history B. The transaction report button downloads a csv file of the transaction history	transaction history page Transaction report button is now named download and does not function to download a csv file.			
	1.	A.				
	3.					
	1.	A.				
	1.	A.				