1	Login feature	Priority: High	Effort: 2
As a...	shop owner		
I want...	to log in		
So that...	I can create a book listing		
	AC 1	AC 2	AC 3
Given	I am a shop owner	I am a shop owner	I am a shop owner who is not logged in
When	I enter my username and password correctly	I enter my username and password correctly and I am on my profile dashboard	I enter my username and password incorrectly
Then	It should redirect me to the homepage and log in my account	A button or link should be available for me to create a book listing	An error message should appear informing me that my details are wrong

2	Login feature	Priority: High	Effort: 2
As an...	admin		
I want...	to log in		
So that...	I have access to the admin management page		
	AC 1	AC 2	AC 3
Given	I am an admin who is not logged in	I am an admin who is not logged in	I am an admin who is not logged in
When	I enter my username and password correctly	I am on the homepage	I enter my username and

			password incorrectly
Then	It should redirect me to a page with links for administrative tasks	It should display books available to purchase, recommended items and login/register options.	An error message should appear informing me that my details are wrong

3	Login feature	Priority: High	Effort: 3
As a...	customer		
I want...	to log in		
So that...	I can buy or share books		
	AC 1	AC 2	AC 3
Given	I am a registered user who is not logged in	I am a registered user who is not logged in	
When	I enter my details correctly	I click the purchase button on a book	
Then	I have the option to complete a purchase	It should redirect me to the login page	

4	Registration feature	Priority: High	Effort: 5
As a...	customer		
I want...	to register an account		
So that...	I can purchase books from other registered users or shop owners		

	AC 1	AC 2	AC 3
Given	I am a customer who does not have an account	I am a customer who does not have an account	I am a customer who does not have an account
When	I am on the homepage	I enter my details in the registration fields	I enter invalid details in the registration fields
Then	There should be a link to enable me to register an account	I will be able to register an account	An error message should appear informing me that my details are invalid

5	Registration feature	Priority: High	Effort: 5
As a...	shop owner		
I want...	to register an account		
So that...	I can sell my inventory of books to other registered users online		
	AC 1	AC 2	AC 3
Given	I am a shop owner who does not have an account	I am a shop owner who does not have an account	I am a shop owner who does not have an account
When	I am on the homepage	I enter my details in the registration fields AND select 'shop owner account'	I enter invalid details in the registration fields
Then	There should be a link to enable me to register an account	I will be able to register an account which must be confirmed by an admin	An error message should appear informing me that my details are invalid

6	Registration feature	Priority: High	Effort: 5
As a...	Public seller		
I want...	to register an account		
So that...	I can sell my preowned books to other users		
	AC 1	AC 2	AC 3
Given	I am a customer who does not have an account	I am a customer who does not have an account	I am a customer who does not have an account
When	I am on the homepage	I enter my details in the registration fields	I enter invalid details in the registration fields
Then	There should be a link to enable me to register an account	I will be able to register an account and the profile will have a link to 'Sell Books'	An error message should appear informing me that my details are invalid

7	Registration feature	Priority: High	Effort: 5
As a...	Unregistered customer		
I want...	to register an account		
So that...	I can post reviews on books		
	AC 1	AC 2	AC 3

Given	I am a customer who does not have an account	I am a customer who does not have an account	I am a customer who does not have an account
When	I am on the homepage	I enter my details in the registration fields	I enter invalid details in the registration fields
Then	There should be a link to enable me to register an account	I will be able to register an account and the book pages will have a link to 'Review Books'	An error message should appear informing me that my details are invalid

8	Registration feature	Priority: High	Effort: 5
As a...	Unregistered customer		
I want...	to register an account		
So that...	I can post reviews on other users		
	AC 1	AC 2	AC 3
Given	I am a customer who does not have an account	I am a customer who does not have an account	I am a customer who does not have an account
When	I am on the homepage	I enter my details in the registration fields	I enter invalid details in the registration fields
Then	There should be a link to enable me to register an account	I will be able to register an account and the profile will have a link to a list of sellers	An error message should appear informing me that my details are invalid

9	Registration feature	Priority: High	Effort: 5
As a...	Unregistered customer		
I want...	to enter my postal address		
So that...	I can receive books I have purchased from the address I have provided.		
	AC 1	AC 2	AC 3
Given	I am a customer who does not have an account	I am a customer who does not have an account	I am a customer who does not have an account
When	I go to enter my details	I finish entering my details and purchase a book	I enter an invalid address in the registration field
Then	There should be a text field where I can enter my address	On the receipt it should show the correct address	An error message should appear informing me that my address is not valid and prompt me to re-enter.

10	Profile management	Priority: Low	Effort: 3
As a...	customer		
I want...	to change my email		
So that...	receipts and notifications will come to my new email		
	AC 1	AC 2	AC 3
Given	I am a registered user who is logged in	I am a registered user who is logged in	I am a registered user who is logged in

When	I select 'change account' in the profile management menu	I enter my new email address in the registration field	I enter an invalid email in the registration field
Then	There should be a link to enable me to change my email address	I will be able to change my email address and will receive notifications there instead	An error message should appear informing me that this address is invalid

11	Profile management	Priority: Low	Effort: 2
As a...	Shop owner		
I want...	to change my password		
So that...	I can improve the security of my account		
	AC 1	AC 2	AC 3
Given	I am a registered user who is logged in	I am a registered user who is logged in	I am a registered user who is logged in
When	I select 'change account' in the profile management menu	I enter my new password in the registration field	I enter an invalid password (too short or no special characters) in the registration field
Then	There should be a link to enable me to change my password	I will be able to change my password	An error message should appear informing me that this password is invalid

12	Profile management	Priority: Low	Effort: 2
As a...	customer		
I want...	to view my order history		
So that...	I can see what I've ordered in the past.		
	AC 1	AC 2	AC 3
Given	I am a registered user who is logged in	I am a registered user who is logged in	
When	I select 'order history' in the profile management menu	I select a book in the order history tab	
Then	There should be a list of my previously purchased books on screen in chronological order.	Relevant order details such as price and address should be displayed.	

13	Profile management	Priority: Low	Effort: 2
As a...	shop owner		
I want...	to change my phone number, address, or ABN		
So that...	my details remain correct.		
	AC 1	AC 2	AC 3

Given	I am logged in as a shop owner and approved by an admin	I am logged in as a shop owner and approved by an admin	I am logged in as a shop owner and approved by an admin
When	I select 'change account' in the profile management menu	I enter my new phone number or address in the registration fields	I enter invalid information in the registration fields
Then	There should be a link to enable me to change my phone number or address	I will be able to change this information	An error message should appear informing me that my details are invalid

14	Admin management	Priority: Medium	Effort: 2
As an...	admin		
I want...	to view a full list of users' information on the website		
So that...	I can get information about subscribers and their demographics		
	AC 1	AC 2	AC 3
Given	I am on a page that lists user information	I am on a page that lists user information	
When	I select 'show all'	I select 'fetch data'	
Then	The app should list all users. (Does this make sense?)	A CSV file of user information will be downloaded.	

15	Admin management	Priority: Medium	Effort: 2
As an...	admin		
I want...	to update a user's details on the web app		
So that...	I can maintain a full and updated customer inventory		
	AC 1	AC 2	AC 3
Given	I can view all user data	I can view all user data	
When	I click on 'edit'	I click on 'delete'	
Then	The user forms should become editable so I can update details	The corresponding information for a user should be deleted	

16	Admin management	Priority: Medium	Effort: 5
As an...	admin		
I want...	to check/add/delete/update books' availability on the web app		
So that...	I can provide better customer service		
	AC 1	AC 2	AC 3
Given	I can view all book data	I can view all book data	
When	I click on 'add book', 'delete book' or 'update details'	I click on a certain book	

Then	I can perform the desired action	The associated information of the book should be displayed in a pop-up window	

17	Admin management	Priority: Medium	Effort: 3
As an...	admin		
I want...	to view user's activities on the web app		
So that...	I can provide personalised features and services		
	AC 1	AC 2	AC 3
Given	I can view user actions		
When	I can see how users are using the platform		
Then	I can gain insights and develop new features based on them		

18	Search feature	Priority: Low	Effort: 5
As a...	shop owner		
I want...	to search up a book I want to sell		
So that...	I can compare the going rate for that book		

	AC 1	AC 2	AC 3
Given	I am on the search bar	I have typed in the name of the book in search	I have typed in the name of the book in search
When	I type in the name of the book I want to sell and hit enter	Nobody else is selling the book on the site	I am on the results page
Then	I am redirected to a page listing all the books with that name	No book will display on the results page	Each result should display the title, picture, price and seller ID of the book

19	Search feature	Priority: Low	Effort: 5
As a...	shop owner		
I want...	to search up a book I have listed		
So that...	I can see if my listing is visible to buyers		
	AC 1	AC 2	AC 3
Given	I am on the search bar	I have typed in the name of the book in search	
When	I type in the name of the book I want to sell and hit enter	I hover over my listing	
Then	I should see the book that I am selling in results	It should not allow me to buy my own book	

20	Search feature	Priority: Low	Effort: 3
As a...	customer		

	to search for a book that has a particular word in the title		
I want...			
So that...	I can see a list of books containing that word in the title		
	AC 1	AC 2	AC 3
Given	I am on the search bar	I have typed in the name of the book in search and I am not logged in	
When	I enter a word from the book title	I am on the results page	
Then	I am redirected to a page listing books with that word in the title	I shouldn't be able to make a purchase without logging in	

21	Search feature	Priority: Low	Effort: 1
As a...	customer		
I want...	to search for an author name		
So that...	I can see all the books they have written		
	AC 1	AC 2	AC 3
Given	I am on the search bar	I have typed in the name of the author in search and I am not logged in	I am on the search bar
When	I enter an author's name	I am on the results page	I click enter without entering anything
Then	I am redirected to a page listing books written by this author or with their name in it	I shouldn't be able to make a purchase without logging in	Nothing should happen

22	Search feature	Priority: Low	Effort: 1
As an...	admin		
I want...	to type up the ISBN of a book		
So that...	I can see if the result matches the corresponding book		
	AC 1	AC 2	AC 3
Given	I know the ISBN of the book I'm searching for	I am on the search bar	
When	I search for the ISBN	I enter random numbers which do not match the ISBN format	
Then	I am redirected to a page display the book with that ISBN	An error message should display indicating the correct ISBN format	

23	Search feature	Priority: Low	Effort: 1
As a...	customer		
I want...	to search up the title of a book I want to buy		
So that...	I can find the cheapest price for the book		
	AC 1	AC 2	AC 3
Given	I am on the results page and looking for the cheapest price	I am on the results page and have clicked the 'sort by price' feature	

When	I scroll down the results page	I scroll down the results page	
Then	I should be able to sort the list in order of price	The books should be sorted in ascending order of price	

24	Transaction	Priority: Low	Effort: 1
As a...	customer		
I want...	to set a main payment method		
So that...	I do not have to enter payment details every time		
	AC 1	AC 2	AC 3
Given	I have books in my cart		
When	Going to check out		
Then	I want my payment details set, so I do not have to insert them every time.		

25	Transaction	Priority: Low	Effort: 1
As a...	customer		
I want...	To view my receipt after purchase		
So that...	can see if there are any error with any of the transaction information		
	AC 1	AC 2	AC 3
Given	That I am looking at my orders	That I am looking at my orders	

When	I have ordered a book	A book was delivered in a bad condition	
Then	I want to see the details of the transaction in receipt form.	I want to be able to view a receipt for a refund.	

26	Transaction	Priority: Low	Effort: 1
As a...	customer		
I want...	to use PayPal		
So that...	I do not have to provide credit card details to the site		
	AC 1	AC 2	AC 3
Given	I want to use PayPal as payment method		
When	Buying a book		
Then	I would like to just click on PayPal and not insert my details.		

27	Transaction	Priority: High	Effort: 3
As a...	As a shop owner		
I want...	To view a notification when a transaction has been made with one of my listings		
So that...	I can determine how much profit I have made.		
	AC 1	AC 2	AC 3

Given	I am on the website		
When	Working		
Then	I want to be notified when a transaction has occurred.		

28	Transaction	Priority: High	Effort: 5
As a...	customer		
I want...	to enter my bank details or PayPal		
So that...	I can purchase books		
	AC 1	AC 2	AC 3
Given	I have put books in my cart	I have put books in my cart	
When	I insert my bank details or PayPal details	I insert inaccurate bank details or PayPal	
Then	The book will be getting processed.	An error message should appear informing me that my details are invalid	

29	Review feature	Priority: Low	Effort: 3
As a...	customer		
I want...	to add a review for a book which I have bought		
So that...	I can tell others about my opinion		

	AC 1	AC 2	AC 3
Given	I am on the 'Purchases' page	I have selected a book from 'Purchases'	
When	I click on a book which I have bought	I click on the button 'Add Review'	
Then	I will be able to see its details including the 'Add Review' button	I will be able to add a review for the book	

30	Review feature	Priority: Low	Effort: 3
As a...	customer		
I want...	to add a review for a user I have interacted with		
So that...	I can recommend or warn other customers about a seller		

	AC 1	AC 2	AC 3
Given	I am on a book's info page and logged in	I am on a sellers' profile and logged in	
When	I click on a user who is selling the book	I click on the button 'Add Review'	
Then	I will be able to see their profile	I will be able to add a review for the seller	

31	Review feature	Priority: Low	Effort: 2
As a...	customer		
I want...	to edit a review for a book which I have bought		

So that...	I can update my opinion or correct mistakes		
	AC 1	AC 2	AC 3
Given	I am on the 'Purchases' page	I have selected a book from 'Purchases'	
When	I click on a book which I have bought	I click on the button 'Edit Review'	
Then	I will be able to see its details including the 'Edit Review' button	I will be able to edit my review for the book	

32	Cancellation/refund feature	Priority: Low	Effort: 2
As a...	customer		
I want...	to cancel a book order that I have made		
So that...	it won't incur extra charges		
	AC 1	AC 2	AC 3
Given	I am on a page that shows my orders	I am on a page that shows my orders	
When	I click Cancel	I view transaction history	
Then	The order I made will be cancelled and the money refunded	The cancelled orders should be marked 'cancelled'	

33	Cancellation/refund feature	Priority: Low	Effort: 2
As a...	customer		
I want...	to cancel a book order that I have made		
So that...	it won't be recorded in my history		
	AC 1	AC 2	AC 3
Given	I am on a page that shows my orders	I am on a page that shows refunds	
When	The orders that I cancelled show up	I see my cancelled order	
Then	They should be marked 'cancelled'	It should show either 'processing' or 'refunded'.	

34	Cancellation/refund feature	Priority: Low	Effort: 2
As an...	admin		
I want...	to accept/deny a request		
So that...	the customer no longer needs to pay for the product		
	AC 1	AC 2	AC 3
Given	I am reviewing a cancelled request	I have approved or denied a request	
When	The option 'approve' or 'deny' is available	The request is shown in front of me	
Then	I should be able to choose	I can see which requests have	

		been approved or denied	

35	Cancellation/refund feature	Priority: Low	Effort: 2
As an...	admin		
I want...	to check a refund request		
So that...	I can approve it		
	AC 1	AC 2	AC 3
Given	I am reviewing a cancelled request	I have approved or denied a request	
When	The option 'approve' or 'deny' is available	The request is shown in front of me	
Then	I should be able to choose	I can see which requests have been approved or denied	

36	Cancellation/refund feature	Priority: Low	Effort: 2
As an...	admin		
I want...	to view all refund requests and approve/deny		
So that...	I can collect data on customer behaviour		
	AC 1	AC 2	AC 3

Given	I am on a list that shows refund requests	I am on a list that shows refund requests	
When	I click on a specific user	I am viewing the request on the page	
Then	I can see that specific user's actions on the app	I can download a CSV file of the data	

37	Purchase History	Priority: Low	Effort: 2
As an...	customer		
I want...	To view my transaction history		
So that...	I can ensure that my orders went through		
	AC 1	AC 2	AC 3
Given	I am logged in and on my user profile	I am on the transaction history page	
When	I click 'Transaction history'	I click 'Download as file'	
Then	I will be able to see a list of the orders I have made in time order	I can download a CSV file of my transaction history	

38	Purchase History	Priority: Low	Effort: 2
As an...	customer		
I want...	To view the status of my current orders		
So that...	I can know whether my orders have been approved		

	AC 1	AC 2	AC 3
Given	I am logged in and on my user profile	I am on the transaction history page	
When	I click 'Transaction history'	I click 'Download as file'	
Then	I will be able to see a list of the orders I have made in time order, with not-yet-approved orders at the top	I can download a CSV file of my transaction history	

39	Purchase History	Priority: Low	Effort: 2
As an...	Shop owner		
I want...	View my transaction history		
So that...	Find a specific transaction which I have made		
	AC 1	AC 2	AC 3
Given	I am logged in and on my user profile	I am on the transaction history page	
When	I click 'Transaction history'	I click 'Download as file'	
Then	I will be able to see a list of the orders I have made in time order	I can download a CSV file of my transaction history	

40	Display book feature	Priority: Low	Effort: 2

As an...	customer		
I want...	to view the front cover of a book		
So that...	I can see if it's the book version I want to buy		
	AC 1	AC 2	AC 3
Given	That I have selected a book	That I have selected a book	
When	Browsing around	Browsing around	
Then	I want to be able to see if it is a hard or soft cover.	I want to see if it is the right book or not.	

41	Display book feature	Priority: Low	Effort: 1
As a...	customer		
I want...	to view all the table of contents		
So that...	I can if it has a section I want to read about		
	AC 1	AC 2	AC 3
Given	That I am looking for a book		
When	browsing around		
Then	I want to be able to have all the required information about the book present.		

42	Report feature	Priority: Low	Effort: 1
As an...	admin		
I want...	to download a monthly report of the book transactions of the site		
So that...	I can find out which book genre sold most for that month.		
	AC 1	AC 2	AC 3
Given	I am on the admin management page	I have downloaded the monthly report	
When	I click 'Download report'	I open the file on Microsoft Excel or Google Docs	
Then	A report for the previous month should download	It should open without errors	

43	Report feature	Priority: Low	Effort: 3
As an...	admin		
I want...	to download the transaction report		
So that...	I can compare it to the transactions from a previous year		
	AC 1	AC 2	AC 3
Given	I have downloaded the report	I have filtered the report by year	
When	I view the report on a viewer	I download the report	
Then	It should display the date range that the report is about	Only data collected in that year should be included on the CSV file	

44	Report feature	Priority: Low	Effort: 3
As an...	admin		
I want...	to download the transaction report		
So that...	I can determine the site's gross profit		
	AC 1	AC 2	AC 3
Given	I have downloaded the report	I have downloaded the report	
When	I view the report on a viewer	No purchases have been made for that date range	
Then	It should display the profit for the date range that the report is about	The gross profit should be zero	

45	Report feature	Priority: Low	Effort: 5
As an...	admin		
I want...	to download a CSV formatted report		
So that...	I can import the data into a Python DataFrame		
	AC 1	AC 2	AC 3
Given	I am on the Reports page	I have downloaded the report	
When	I click the download button	I import the CSV file on Python Pandas	

Then	It should download a CSV file to my device	It should form a Python DataFrame	

46	Report feature	Priority: Low	Effort: 5
As an...	admin		
I want...	to download a CSV formatted report		
So that...	it can be sent to the accounting team for determining tax		

	AC 1	AC 2	AC 3
Given	I have downloaded the CSV report	I am on the download page	
When	I open the file on Excel	I filter the report to only include internal profits	
Then	It should have headings which are titled to suit the information displayed	It should not include information about other business on the site.	

47	Report feature	Priority: Low	Effort: 3
As an...	admin		
I want...	to download a CSV formatted report for a business user		
So that...	it can be transferred to that business by email		

	AC 1	AC 2	AC 3

Given	I have downloaded the CSV report	I want to send a business owner their report	
When	I open the file on Excel	I go to download the report	
Then	It should separate the profit of each individual business owner and our own business profit as the site owner	I should be able to select which business the report should include	