
GROUP 14

BOOKEE
Use-Case Specification

Version 2.0

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Revision History

Date	Version	Description	Author
13/11/2023	1.0	First version with the information we have at sprint 2	All team
29/11/2023	2.0	<ul style="list-style-type: none"> Update usecase model Edit post-condition of some use-case specifications 	All team

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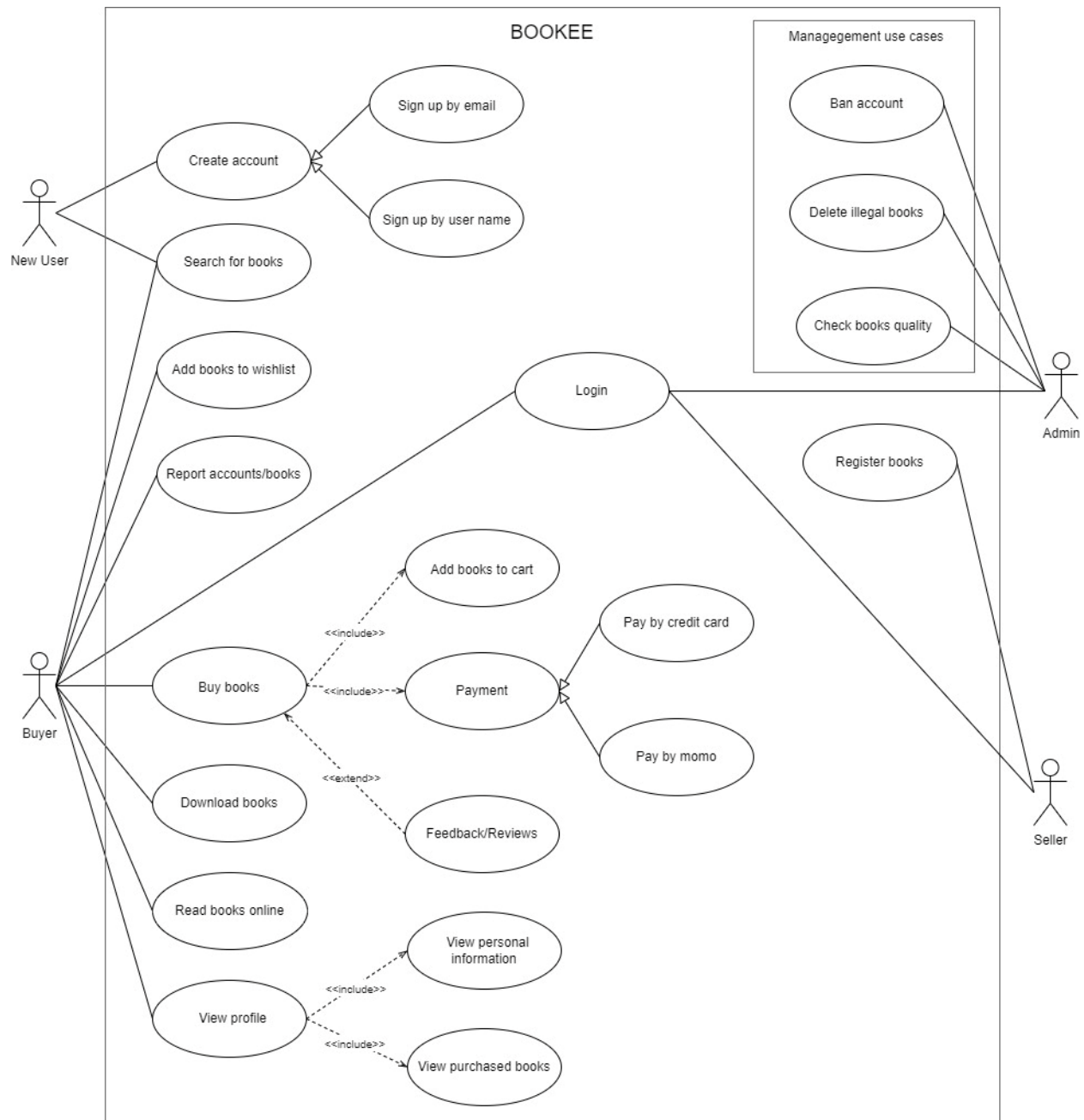
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Use-Case Specification

1. Use-case Model



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2. Use-case Specifications

2.1. Admin

2.1.1. Use case: Log in

Use-case name	Login
Brief description	This use case describes how the admin logs in to the account.
Actors	Admin
Pre-condition	Admin opens the website and already has an account in the website's database.
Basic flow	<p>Step 1: Admin clicks on the 'login' button on the screen.</p> <p>Step 2: System prompts the admin for a username and password.</p> <p>Step 3: Admin enters their information.</p> <p>Step 4: Admin selects the 'login' button.</p> <p>Step 5: System checks the database whether the account exists.</p> <p>Step 6: System displays successful login notification and returns to admin home page.</p>
Alternative flow	<p>Alternative flow 1: Cancel while login</p> <ol style="list-style-type: none"> At step 3, The admin returns to the previous page while entering the information. The system returns the admin to the home page without the admin being logged in. <p>Alternative flow 2: No information entered</p> <ol style="list-style-type: none"> At step 4, the system will send a notification pop up of empty input and suggest the admin to enter again. The admin clicks ok to close the pop up. Return to step 3.
Post-condition	Display notification and return homepage.
Special Requirements	<ul style="list-style-type: none"> The process takes place within 5 seconds. Auto-fill password.
Extension Points	None

2.1.2. Use case: Log out

Use-case name	Logout
Brief description	This use case describes how the admin logs out to the account.
Actors	Admin

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Pre-condition	Admin is logged in and on the home page
Basic flow	Step 1: Admin clicks on the 'account' button on the screen. Step 2: The system displays a selection window. Step 3: Admin clicks the 'log out' button. Step 4: The system moves the current session and loads the welcome page
Alternative flow	None
Post-condition	The admin successfully logged out the website
Special Requirements	Process takes place within 1 second.
Extension Points	None

2.1.3. Use case: Ban account

Use-case name	Ban account
Brief description	Admin ban the illegal account
Actors	Admin
Pre-condition	Admin logged in
Basic flow	Step 1: At the home page, the admin clicks on the icon of report list Step 2: The system displays the list Step 3: The admin checks the account if it s invalid, the admin will ban this account. Step 4: The system shows a success message.
Alternative flow	Alternative-flow 1: Admin remove the account out of ban list <ol style="list-style-type: none"> At step 3 admin remove account by a cancel button At step 4 The system shows a message to announce that the account had been removed.
Post-condition	The account will not active anymore
Special Requirements	Email the target users to inform their account status.
Extension Points	None

2.1.4. Use case: Delete illegal books

Use-case name	Delete illegal books
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Brief description	Admin remove the book
Actors	Admin
Pre-condition	Admin logged in
Basic flow	Step 1: At the home page, the admin clicks on the icon of report 's list Step 2: The system displays the list Step 3: The admin checks the book if it is invalid, the admin will ban this account. Step 4: The system shows a success message.
Alternative flow	Alternative-flow 1: Admin remove the books out of illegal list <ol style="list-style-type: none"> At step 3 admin remove books by a cancel button At step 4 The system shows a message to announce that the books had been removed.
Post-condition	The book will not exist anymore
Special Requirements	Must take actions when the book gets reported more than a half of its views/downloads.
Extension Points	None

2.1.5. Use case: Check books quality

Use-case name	Check books quality before posting
Brief description	Admin check the quality of book
Actors	Admin
Pre-condition	Admin logged in
Basic flow	Step 1: At the home page, the admin clicks on the icon of the book list in the waiting list. Step 2: The system displays the list Step 3: The admin checks the quality of the book if it is valid, the admin will accept to post this book. Step 4: The system shows a success message.
Alternative flow	Alternative-flow 1: Admin unaccept the book to post <ol style="list-style-type: none"> At step 3 if the book is invalid the admin click on unaccept button At step 4 The system returns a message to the seller that their product will not be accepted.
Post-condition	The book will be displayed on shopping store
Special Requirements	A qualified book must have cover, full details of the publishing organization, authors and

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	do not contain font-error issues.
Extension Points	None

2.2. New user:

2.2.1. Use case: Create account

Use-case name	Create account
Brief description	New user will create their account to register
Actors	New user
Pre-condition	None
Basic flow	Step 1: New user clicks on the “sign up” button Step 2: User enters username and password Step 3: The system will check whether it is valid or not Step 4: If it is valid, the system will show a notification that user has created account successfully.
Alternative flow	Alternative-flow 1: User enters invalid username or password <ol style="list-style-type: none"> At step 3, the system checks whether the username or password is valid or not. If not, the system will show an error message “invalid username or password!” Alternative-flow 2: User cancels the sign up <ol style="list-style-type: none"> User clicks on the “cancel” button The system will return them to the previous page.
Post-condition	New user’s account is created
Special Requirements	System performs a hashing technique to save passwords securely and confidentially.
Extension Points	None

2.2.2. Use case: Search for books

Use-case name	Search for books
Brief description	Users search for books that they want
Actors	Users
Pre-condition	None

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Basic flow	Step 1: New users click on the search bar Step 2: User types the title or genre Step 3: The system will check whether it is valid or not Step 4: If it is valid, the system will display those books
Alternative flow	Alternative-flow 1: The book requested is not available <ol style="list-style-type: none"> At step 3, system check where the title or genre is valid or not If not, the system will show a message to announce that the book is not available Alternative-flow 2: User cancel the search <ol style="list-style-type: none"> User clicks on the “cancel” button The system returns to the previous page.
Post-condition	Display list of books satisfied the keyword
Special Requirements	System handles the request within 1 second.
Extension Points	None

2.3. Buyer/Seller:

2.3.1. Use case: Search for books

Use-case name	Search for books
Brief description	Users search for books that they want
Actors	Users
Pre-condition	None
Basic flow	Step 1: User clicks on the search bar Step 2: User types the title or genre Step 3: The system will check whether it is valid or not Step 4: If it is valid, the system will display those books
Alternative flow	Alternative-flow 1: The book requested is not available <ol style="list-style-type: none"> At step 3, system check where the title or genre is valid or not If not, the system will show a message to announce that the book is not available Alternative-flow 2: User cancel the search <ol style="list-style-type: none"> Users click on the “cancel” button The system returns them to the previous page.
Post-condition	Display list of books satisfied the keyword
Special Requirements	System handles the request within 4 seconds.

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Extension Points	None
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2.3.2. Use case: Add books to wishlist

Use-case name	Add books to wishlist
Brief description	Users add book(s) to their wishlist
Actors	User
Pre-condition	User logged in
Basic flow	Step 1: User clicks on the “Add to wishlist” button Step 2: The system will check whether it has already in the wishlist yet Step 3: If not yet, the system will show a notification that user has added to wishlist successfully
Alternative flow	Alternative-flow 1: The book is already in the wishlist <ol style="list-style-type: none"> At step 3, system check whether it has already in the wishlist yet If it’s already in there, the system do nothing more
Post-condition	Book will be added to their wishlist
Special Requirements	Can create different wishlists and name it on their needs except from the default one.
Extension Points	None

2.3.3. Use case: Buy books (pay)

Use-case name	Buy books
Brief description	Users buy books from the web
Actors	User (Buyer)
Pre-condition	User logged in
Basic flow	Step 1: User press “Purchase” button Step 2: System will display all the payment methods Step 3: User chooses their preferred method Step 4: User fills in all the necessary information for this payment Step 5: User confirms the payment Step 6: The system confirms all user information & checks whether the payment was successful or not Step 7: User successfully purchase book and can choose to read online or download

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Alternative flow	Alternative-flow 1: User cancel the register <ol style="list-style-type: none"> At step 5 user press “cancel” button The system will cancel their register and return them to the previous page. Alternative-flow 2: The payment was unsuccessful <ol style="list-style-type: none"> System will show an error message. User must check their input information and reconfirm the payment
Post-condition	User successfully registers the book and wait for the admin’s approval
Special Requirements	System handles the request within 5 seconds.
Extension Points	Buyers write comment and click the "post" button to rate/write comments on purchased books.

2.3.4. Use case: Download books

Use-case name	Download books
Brief description	Users download the books they have purchased
Actors	User (Buyer)
Pre-condition	<ul style="list-style-type: none"> User logged in User purchased the book
Basic flow	Step 1: User chooses the book they want to download Step 2: User clicks on the “Download” button Step 3: System will check whether the connection is available for downloading the books or not.
Alternative flow	Alternative-flow 1: System can not start the download process <ol style="list-style-type: none"> At step 3 system check that the connection is not available for downloading The system shows a message to announce that the download has been canceled because of the connection. Alternative-flow 2: User cancels while downloading <ol style="list-style-type: none"> User presses “cancel” while downloading The system cancels the download
Post-condition	The book will be downloaded
Special Requirements	If the book file is more than 100MB, it will be compressed to a .zip file.
Extension Points	None

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2.3.5. Use case: Read books online

Use-case name	Read books online
Brief description	User read free/purchased books online
Actors	User (Buyer)
Pre-condition	User logged in (and/or purchased the books)
Basic flow	Step 1: User chooses the book they want to read Step 2: System will load the book for user to read
Alternative flow	Alternative-flow 1: System can not load the book <ol style="list-style-type: none"> At step 2 system the check whether the connection is available for loading the book or not. If not, the system shows a message to announce user to check the connection again. Alternative-flow 2: User want to exit the read mode <ol style="list-style-type: none"> After step 2, user presses the “X” button to exit the read mode The system returns user to the previous page
Post-condition	User can read book directly on the browser
Special Requirements	Different displaying styles (font-style, theme).
Extension Points	None

2.3.6. Use case: Feedback/Reviews

Use-case name	Feedback/Reviews
Brief description	Users send feedback/reviews about the books they have read
Actors	User (buyer)
Pre-condition	Users purchased the book which they tend to give feedback/ review.
Basic flow	Step 1: User chooses the book they want to review Step 2: User presses the “Review” button Step 3: System shows a textbox for user Step 4: User writes their feedback/reviews about the books Step 5: User presses the “Send” button Step 6: System will upload the feedback/review for user
Alternative flow	Alternative-flow 1: User cancel the feedback <ol style="list-style-type: none"> At step 5 user press “cancel” button The system will not upload their feedback and return them to the previous page..

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	Alternative-flow 2: System detected unstable connection while uploading the feedback <ol style="list-style-type: none"> At step 5 the system detects the connection is unstable. The system shows a message to announce that the upload has been canceled because of the connection
Post-condition	The feedback/reviews will be displayed
Special Requirements	Review contains violent/threat/insulting/personal attack statements will not be posted, that user will be added to the report list.
Extension Points	None

2.3.7. Use case: Report accounts/books

Use-case name	Report accounts/books
Brief description	Users report books with inappropriate content
Actors	User
Pre-condition	User logged in
Basic flow	Step 1: User choose the book they want to report Step 2: User press the “report” button Step 3: System show a textbox for user Step 4: User write their report reason about the books Step 5: User press the “Send” button Step 6: System will send the report for the admin
Alternative flow	Alternative-flow 1: User cancel the report <ol style="list-style-type: none"> At step 5 user press “cancel” button The system will not upload their report and return to the previous page. Alternative-flow 2: System detected unstable connection while uploading the report <ol style="list-style-type: none"> At step 5 system detects the connection is unstable. The system shows a message to announce that the upload has been canceled because of the connection
Post-condition	The reported books will be deleted
Special Requirements	System prevents report spam by limiting the number of reports that can be sent per month to the user.
Extension Points	None

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2.3.8. Use case: View profile

Use-case name	View profile
Brief description	Users view their personal profile
Actors	User
Pre-condition	User logged in
Basic flow	Step 1: User chooses button “View profile” from the menu Step 2: System displays their personal information like avatar, username, etc... Step 3: User can edit the profile if they want
Alternative flow	Alternative-flow 1: User want to back to previous <ol style="list-style-type: none"> On profile page, user clicks on “back” button The system returns them to the home page.
Post-condition	Users successfully view their personal profile
Special Requirements	<ul style="list-style-type: none"> System handles the request within 2 seconds. Information is arranged and presented in a logical manner
Extension Points	None

2.3.9. Use case: Login

Use-case name	Login
Brief description	User login to their account
Actors	User
Pre-condition	User already have an account
Basic flow	Step 1: System display the login page Step 2: User enters their username and password Step 3: System will check if the username/password is valid Step 4: If the input is valid, system will load the homepage for the user based on the account else system will notifies that the user input is invalid
Alternative flow	Alternative-flow 1: User enters an invalid username or password <ol style="list-style-type: none"> At step 4 system check whether the input is valid or not If not, the system will show a message to announce that the username or password they have entered is wrong. Alternative-flow 2: User cancels the login <ol style="list-style-type: none"> User presses “cancel” button while logging in

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	2. The system returns them to the previous page
Post-condition	User login success, the homepage will be loaded
Special Requirements	System handles the request within 5 seconds.
Extension Points	None

2.3.10. Use case: Register books

Use-case name	Register books
Brief description	User (Seller) registers books for sale
Actors	User (Seller)
Pre-condition	User logged in
Basic flow	Step 1: User presses “Register” button Step 2: System will display the book register page Step 3: User enters book’s basic information like name and description Step 4: User chooses file to upload Step 5: User confirms the register Step 6: System sends the request for admin to handle
Alternative flow	Alternative-flow 1: User cancel the register <ol style="list-style-type: none"> At step 5 user presses “cancel” button The system will cancel their register and return them to the previous page. Alternative-flow 2: The file is invalid. <ol style="list-style-type: none"> At step 4 system check whether the file is valid or not If not, the system will show an error message.
Post-condition	User successfully registers the book and wait for the admin’s approval
Special Requirements	System handles the request within 1 second.
Extension Points	None