Group 09

PageRhythm Use-Case Specification

Version 1.1

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Revision History

Date	Version	Description	Author
03/11/2024	1.0	The first version of Use-case specifications	Group 09
16/11/2024	1.1	- New actor (Moderator) was added - Four new use-cases ("Deleting a violating comment", "Request account deletion", "Resolve account deletion request", and "See book recommendations" use-cases) were added	Nguyen Hoang Minh
		- There were updates with the use-case model and use-case specifications (from use-case 2.28 to use-case 2.30) to reflect the changes due to introduction of the new actor and several minor adjustments.	

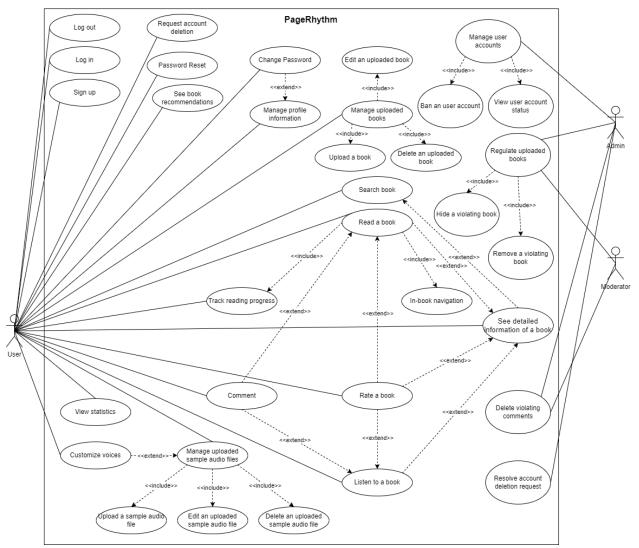
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1. Use-case Model



2. Use-case Specifications

2.1 Use-case: Register a new account

Use case Name	Create a new account
Brief description	This use case describes how the users can register a new account
Actors	User
Basic Flow	1. At the Landing Page, the users click "Sign up" button
	2. System redirects users to "Create account" page
	3. The users enter desired the mandatory fields including "full name",
	"email" which will be used as "username", "password" and "re-enter
	password" and might enter the optional fields including "birthday" and "bio"

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	4. The user ticks the "Agree with the Terms"		
	5. The user clicks the "Sign up" button		
	6. The system checks the users' information		
	7. The system evaluates how strong is the chosen password and check		
	whether two password fields are equal		
	8. The system redirects users to home page		
Alternative Flows	Alternative flow 1: User chooses an existed username		
	1. From #3 of the basic flow, the user enters an email that has already been		
	used before		
	2. The system alerts that the email has been chosen before		
	3. Return to #3 in the basic flow where the user enters another email		
	Alternative flow 2: User chooses a weak password		
	1. From #3 of the basic flow, the user enters an password that is evaluated		
	as weak by the system		
	2. The system alerts that the chosen password is considered to be weak by		
	the system		
	3. The flow returns to #3 in the basic flow where the user enters another		
	password.		
	Alternative flow 3: User does not tick "Agree with the Terms"		
	1. From #6 of the basic flow, the user clicks the "Sign up" button while he		
	or she has not ticked the "Agree with the Terms" yet		
	The system alerts that the user has not not ticked the "Agree with the Terms" yet		
	 Return to #5 in the basic flow where the user ticked the Agree with the Terms" button" 		
	Alternative flow 4: User enters a invalid "email"		
	 From #3 in the basic flow, the user enters an input that has not the format of an email 		
	2. The system alerts the user about the invalidity to the "email" field		
	3. Return to #3 in the basic flow where the user enters a correct-format		
	email		
	Alternative flow 5: The information provided by the users might not be suitable		
	or violate the community standard		
	1. From #3 of the basic flow, the user enters input that might violate the		
	community standard or might not be suitable.		
	4. The system alerts the user about the fields the he or she has to change		
	to avoid community standard violation or potential unsuitability		
	5. Return to #3 of the basic flow where the user enters other input for the		
	required fields		
Pre-conditions	The user goes to Landing page.		

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	The user has a stable Internet connection during registering a new account.
	The user enters the valid email that has a correct format and has not been
	chosen before, and does not leave any mandatory section blank.
	The user enters the password that meets the safety criteria, and the input to the
	"re-enter password" field matches that to the "password" field.
	The user accepts the terms and conditions of the application.
Post-conditions	The user successfully registers an account

2.2 Use-case: Log in to a registered account

	2.2 Use-case. Log III to a registered account		
Use case Name	Log in to user's account		
Brief description	This use case describes how the user can log in to the website		
Actors	User		
Basic Flow	1. At the Landing Page, the user enters the "email" and "password" fields in		
	the input form.		
	2. The user clicks the "Login" button		
	3. The system verifies the credentials		
	4. The system redirects user to Home Page		
	5. The system displays a welcome message and Home Page details		
Alternative Flows	Alternative flow 1: User enters an unregistered email		
	 From #1 of the basic flow, the user enters an email that has not been registered. 		
	2. The system alerts that entered email has not been registered yet		
	3. Return to step #3 in the basic flow where the user re-enters the required information fields.		
	Alternative flow 2: User forgets the password		
	 User clicked the "forgotten password?" option. 		
	2. The system redirects the user to the "Password Reset" page, where the use case "Reset Password" (<u>use-case 2.3</u>) takes place.		
	Alternative flow 3: User enters an incorrect password		
	 From #1 of the basic flow, the user enters an incorrect password that does not match with the entered email. 		
	The system discovers incorrectness during verification step in step #3 of the basic flow.		
	3. Return to #1 of the basic flow where the user re-enters the password field.		
	Alternative flow 4: User enters an incorrect email		
	 From #1 of the basic flow, the user enters an incorrect email that is different from the actual registered email. 		
	2. The system discovers that the entered email and password are not		
	matched to each other during verification step in step #3 of the basic		
	flow if the actual registered email and the entered email have different		

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	passwords.		
	3. Return to #1 of the basic flow where the user re-enters the email field.		
	Alternative flow 5: User enters an incorrect-format input to the email field		
	1. From #1 of the basic flow, the user enters an input that does not have the correct format of an email to the email field.		
	The system displays the alert that the input to email field does not have correct email format		
	3. Return to #1 of the basic flow where the user re-enters the email field.		
	Alternative flow 6: User clicks the "Login with Google" button		
	1. User presses the "Login with Google" button		
	2. User continues with Google authentication in an pop-up window		
	3. Continue step #4 in the basic flow		
	Alternative flow 7: User clicks the "Sign up" button		
	1. User clicks the "Sign up" button		
	2. System redirects users to "Create account" page where the "Register a		
	new account" use-case (the use-case 2.1) takes place		
Pre-conditions	The user goes to Landing page.		
	The user has a stable Internet connection during logging into the registered		
	account.		
	The user enters correct his or her registered email and the corresponding		
	password		
Post-conditions	The user successfully logs in to his or her registered account.		

2.3 Use-case: Reset Password

Use case Name	Reset password	
Brief description	This use case describes how the user can can reset his or her password when he	
	r she forgets the password	
Actors	User	
Basic Flow	1. At the Landing Page, the user chooses the "forgotten password?" option	
	2. The system redirects users to the "Password Reset" page, where there is	
	a form for the user to fill the registered email.	
	3. The user enters the registered email to the corresponding email field.	
	4. The user clicks the "Send password reset email" button.	
	5. The system sends an email containing a link for resetting password to the	
	entered email and disables the sending button for 10 seconds before	
	allowing resending email.	
	6. The user then opens the link in the sent email	
	7. The user fills the new desired password and re-enter this password	
	8. The user clicks the submit button to change password	
	9. The system redirects the user to the home page	
Alternative Flows	Alternative flow 1: User enters an unregistered email	

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	 From #3 of the basic flow, the user enters an email that has not been registered yet. 	
	2. The system alerts that entered email has not been registered yet	
	3. The flow returns to #3 in the basic flow where the user re-enters the required information field.	
	Alternative flow 2: User enters an incorrect-format input to the email field	
	 From #3 of the basic flow, the user enters an input that does not have the correct format of an email to the email field. 	
	The system displays the alert that the input to the email field does not have correct email format.	
	3. Return to #3 of the basic flow where the user re-enters the email field.	
	Alternative flow 3: User presses the "Back" button	
	1. The user clicks the "Back" button.	
	The system redirects the user back to the landing page.	
Pre-conditions	The user goes to Landing page.	
	The user has a stable Internet connection during resetting the password.	
	The user enters the correct registered email.	
	The user changes the password through the link contained in the sent email.	
	The user enters a new password that is different from the old password and	
	satisfies the safety criteria.	
Post-conditions	The user successfully changes the password.	

2.4 Use-case: Log out

Use case Name	Log out	
Brief description	This use case describes how the user can log out of his or her account	
Actors	User	
Basic Flow	 At the bottom of the left bar, the user presses the "Logout" icon. 	
	The system logs the user out of his or her account.	
Alternative Flows	Alternative flow 1: User session is expired	
	1. The system automatically logs the user out of his or her account after the	
	user session has become expired and recent continuous user inactivity	
	reaches a defined limit.	
Pre-conditions	The user is currently logged in.	
	The user has a stable Internet connection during logging out.	
Post-conditions	The user successfully logs out of his or her account	

2.5 Use-case: Manage profile information

Use case Name	Manage profile information
Brief description	This use case describes how the users can view and change their profiles as they
	want.
Actors	User

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Basic Flow	The user clicks the profile icon or profile picture at the right of the top		
	bar of the page.		
	2. The system redirects the user to the profile page.		
	3. The user sees the current information stored by the system. This		
	information includes email, full name, birthday, bio.		
	4. The user chooses the information fields that he or she wants to change.		
	5. The user enters new information into the chosen fields.		
	6. The system enables the "Save" and "Reset" buttons once at least one		
	information field has been changed.		
	7. The user presses the "Save" button.		
	8. The system displays a pop-up window asking the user for confirmation.		
	The window includes two options that are 'Confirm" and "Cancel".		
	9. The user chooses the "Confirm" option.		
	10. The system saves new information.		
	11. The system shows a small pop-up window at the bottom right corner of		
	the screen alerting modifications have been saved.		
	12. The system updates the displayed information of the profile.		
Alternative Flows Alternative flow 1: User clicks the "Reset" icon.			
	1. From the #6 of the basic flow, the user clicks the enabled "Reset" icon.		
	2. The system reverts all unsaved changes.		
	3. Continue #3 of the basic flow where the user can see the information		
	before any modifications are made.		
	Alternative flow 2: User chooses the "Cancel" option of the confirmation		
	window.		
	1. From the #9 of the basic flow, the user chooses the "cancel" option		
	instead of the "Confirm" option.		
	2. The flow returns to #4 of the basic flow with the information fields still		
	show unsaved modification.		
	Alternative flow 3: Invalid modifications.		
	1. From the #5 of the basic flow, the user enters invalid input to the		
	information fields. These cases include when the email has an incorrect		
	format, when the name or bio violate the community standard or when		
	the entered birthday is unsuitable.		
	2. The system alerts the user at the corresponding field with the message		
	showing the reason why current modification cannot be made.		
	3. The system disabled the "Save" until there are new modifications and all		
	changes are valid.		
	4. The flow returns to #4 of the basic flow with the information fields still		
	show unsaved modification.		
	Alternative flow 4: User clicks the "Back" icon.		
	1. The user clicks the "Back" icon at the top-left corner of the window.		
	2. The system redirects the user to the page where he or she was		

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	previously on before going to the profile page with all unsaved modifications deleted.	
	Alternative flow 5: Confirmation cannot be made due to bad Internet connection	
	After #9 of the basic flow, the requested modification cannot be made due to bad Internet connection.	
	The system shows a small pop-up window at the bottom right corner of the screen, saying that the updated information has not been successfully saved.	
	3. The flow returns to #8 of the basic flow with unsaved modifications still present.	
Pre-conditions	The user is currently logged in.	
	The user has a stable Internet connection while changing the profiles.	
Post-conditions	The user successfully sees and modifies information of his or her profile.	

2.6 Use-case: Change password

Use case Name	Change password	
Brief description	This use case describes how the users can change their password.	
Actors	User	
Basic Flow	1. The user clicks the profile icon or bar of the page.	profile picture at the right of the top
	2. The system redirects the user to t	he profile page.
	The user clicks the "Change Passw button.	vord" button which is above the "Save"
	4. The system redirects the user to t	he "Change Password" page.
	5. The user enters the old password new password" field.	field, new password field and "re-enter
	6. The user clicks the "Change Passw	vord" button at the bottom of the page.
	7. The system redirects the user bac	k to the profile page.
Alternative Flows		
	1. After #4 of the basic flow, the use	r chooses the "forgotten password?"
	option which will lead the user to "Reset Password" use-case (<u>use-c</u>	the almost the same process as the ase 2.3).
	2. The system redirects users to the	"Password Reset" page.
	3. The user clicks the "Send passwor	rd reset email" button.
		ning a link for resetting password to the ending button for 10 seconds before
	5. The user then opens the link in th	e sent email.
		sword and re-enter this password.
	7. The user clicks the submit button	to change password.
	8. The system redirects users to the	home page.

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	Alternative flow 2: User chooses a weak password
	1. From #5 of the basic flow, the user enters a new password that is
	evaluated as weak by the system.
	2. The system alerts that the chosen new password is considered to be
	weak by the system.
	3. The flow returns to #5 in the basic flow where the user enters another
	new password.
	Alternative flow 3: User chooses the old password as the new password
	1. From #5 of the basic flow, the user enters a new password that is exactly
	the same as the old password.
	2. The system alerts that the chosen new password has to be different from
	the old password.
	3. The flow returns to #5 in the basic flow where the user enters another
	new password.
	Alternative flow 4: User clicks the "Back" icon.
	1. The user clicks the "Back" icon at the top-left corner of the page.
	2. The system redirects the user to the profile page with the password
	being unchanged.
Pre-conditions	The user is currently logged in.
	The user has a stable Internet connection while changing password.
Post-conditions	The user successfully changes the password.

2.7 Use-case: Search books

Use case Name	Search books	
Brief description	This use case describes how the users can search their desired books	
Actors	User	
Basic Flow	1. The user types desired book titles or keywords into the search bar	
	located on the top navigation bar.	
	2. The user optionally adds optional filters to refine the search by clicking	
	the down arrow icon next to the search bar and selecting and adjusting	
	filter options in the appearing dropdown menu as desired. These filter	
	options include Genre, Rating, and Release Date.	
	3. The user presses the search icon to submit the search query.	
	4. The system retrieves a list of books that best match the user's search	
	query and selected filters.	
	5. The system presents the user with a list of matching books, ordered by	
	relevance. Each book entry includes relevant details such as title, genre,	
	rating, and release date for easy browsing.	
Alternative Flows	Alternative flow 1: User cannot see any books displayed as result	
	1. From #4 of the basic flow, the system cannot retrieve any suitable books	
	with the given description of the user.	
	2. The system displays a message alerting no book can be found instead of	

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	showing a list of books in #5 of the basic flow.	
	3. The user returns to #1 or #2 of the basic flow to adjust the input.	
Pre-conditions	The user has logged in to the website.	
	The user has a stable Internet connection while searching the desired books.	
Post-conditions	The user successfully finds the expected books.	

2.8 Use-case: See detailed information of a book.

	•	
Use case Name	See detailed information of a book	
Brief description	This use case describes how the users can see detailed information about the	
	selected book	
Actors	User	
Basic Flow	1. The user browses through the list of books in the page displaying search	
	results to find the desired book.	
	2. The user selects the desired book by clicking on its title or cover image.	
	3. The system retrieves detailed information of the selected book, including	
	title, author, genre, summary, ratings, and reviews given by other users.	
	4. The system redirects users to a page containing detailed information of	
	the selected books.	
Alternative Flows	Alternative flow 1: User cannot find the desired book	
	1. From step #1 of the basic flow, the user believes he or she has not seen	
	the desired book in the list of the search results.	
	2. The user takes the "Search book" use-case (<u>use-case 2.7</u>) again where he	
	or she should refine the search terms or filters.	
Pre-conditions	The user has logged in to the website.	
	The user successfully gets a non-empty list of books.	
Post-conditions	The user successfully views the detailed information of the selected book.	

2.9 Use-case: Read a book

Use case Name	Read a book	
Brief description	This use case describes how the user can read a book	
Actors	User	
Basic Flow	1. At the "Book Detailed Information" page, the user clicks on the "Read" icon.	
	2. The system redirects users to the page containing content of the chosen book. If this is the first time the user has read the chosen book, the first page of the book is displayed. Otherwise, the current page is displayed.	
Alternative Flows	Alternative flow: The network errors or other technical issues such as data	
	retrieval issues arise.	
	1. After #1 of the basic flow, there is a network error or technical issue,	
	preventing the user from reading the chosen book immediately.	
	2. The system displays a pop-up small window at the bottom right of the	
	page, alerting that there is an error and suggesting potential action taken	

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	by the user such as retrying the button.
	3. The flow returns to #1 of the basic flow.
Pre-conditions	The user goes to the "Book Detailed Information" page.
Post-conditions	The user successfully starts or resumes the process of reading the book.

2.10 Use-case: In-book navigate

Use case Name	In-book navigate
Brief description	This use case describes how the user can know where the user is currently at in
	the book and move between book pages when reading a book.
Actors	User
Basic Flow	 The user sees the current page and chapter (if the chapters are labeled) at the right bar of the screen.
	2. The user chooses the right arrow icon or left arrow icon to move to the
	next page or previous page respectively; or directly editing the page
	number text box to move to the specified page.
Alternative Flows	Alternative flow 1: User clicks the "next" button while being at the last page of
	the book
	 From #2 of the basic flow, the user clicks the right arrow icon while being at the last page of the currently read book.
	2. The system shows a small pop-up message box at the bottom right
	corner alerting the action cannot be taken because the user is at the last
	page of the book.
	3. The flow returns to #1 of the basic flow.
	Alternative flow 2: User clicks the "previous" button while being at the first
	page of the book
	 From #2 of the basic flow, the user clicks the left arrow icon while being at the first page of the currently read book.
	2. The system shows a small pop-up message box at the bottom right corner alerting the action cannot be taken because the user is at the first page of the book.
	3. The flow returns to #1 of the basic flow.
	Alternative flow 3: User enters an invalid input into the page number text box
	 From #2 of the basic flow, the user enters an invalid input that contains a non-digit character or is a number exceeding the number of pages of the book to the page number text box.
	2. The system reverts the page number to the number of the current page
	(the number shown on the text box before the user changes).
	3. The system shows a small pop-up message box at the bottom right
	corner alerting the action cannot be taken and the reason why the input
	is invalid.
	4. The flow returns to #1 of the basic flow.
Pre-conditions	The user goes to the website page containing book content.

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Post-conditions	The user successfully navigates through the book.
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2.11 Use-case: Listen to a book

Use case Name	Listen to a book	
Brief description	This use case describes how the users can listen to an audiobook.	
Actors	User	
Basic Flow	 The user presses the "Listen" button at the right bar of the screen. The system takes book content and creates audio files, starting from the currently displayed part of the book. The system starts playing the generated audio files. 	
Alternative Flows	 Alternative Flow 1: An Internet connection loss takes place From step #2 of the basic flow, the Internet connection is interrupted, preventing the web page from receiving audio files. The system displays a small pop-up window at the bottom right corner of the screen, alerting that there was an error and suggesting what action the user should take. The flow returns to #1 of the basic flow. 	
Pre-conditions	The user goes to the website page containing book content.	
Post-conditions	The user successfully listens to an audiobook.	

2.12 Use-case: Manage uploaded books

Use case Name	Manage uploaded books	
Brief description	This use case describes how the user can manage his or her list of uploaded	
	books.	
Actors	User	
Basic Flow		
	1. The user presses the "Books" button on the left bar of the screen.	
	2. The system redirects the user to the "My Uploaded Books" page.	
	3. The user sees his or her list of uploaded books.	
	4. The user can upload a new book as described by the "Upload a book"	
	use-case (<u>use-case 2.13</u>), delete an uploaded book from his or her as	
	described by the "Delete an uploaded book" use-case (use-case 2.14) or	
	edit the information or content of an uploaded book in his or her list as	
	described by the "Edit an uploaded book" use-case (use-case 2.15).	
	described by the Edit all uploaded book dise-case (dise-case 2.13).	
Alternative Flows	Alternative Flow 1: The user has not uploaded any books yet	
	1. From #3 of the basic flow, the user sees a message saying that he or she	
	has not uploaded any books yet.	
	2. The flow continue with #4 of the basic flow.	
Pre-conditions	The user has logged in to the website.	

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Post-conditions	The user successfully manages his or her list of uploaded books.
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2.13 Use-case: Upload a book

Use case Name	Upload a book		
Brief description	This use case describes how the user can upload a book to the website.		
Actors	User		
Basic Flow	 The user clicks the "Add" icon which is indicated by the plus icon. The system displays a window for the user to navigate the file he or she wants to upload. The user chooses which file containing book content that he or she wants to upload from his or her device or attach a link to that book content file. 		
	 The user enters the information associated with the book intended to be uploaded. This information includes title, author, summary and genre. The system enables the "Upload" button only when all mandatory fields are entered. These fields include title and author fields. The user clicks the "Upload" button. 		
	7. The system resolves the request of uploading a book and updates the user's list of uploaded books.8. The system displays a small pop-window at the bottom right corner of the screen alerting the book is successfully uploaded.		
Alternative Flows	Alternative flow 1: The file intended to be uploaded has an unsupported		
	format		
	 From #3 of the basic flow, the user selects a file with an unsupported format. More specifically, the user tries to choose a file whose extension is not txt or pdf. The system displays a small pop-up window at the bottom right corner of 		
	the screen alerting the error message that the format of the file is not supported.		
	3. The flow returns to #3 of the basic flow where the user chooses another file that should have supported the extension.		
	Alternative flow 2: The user enters invalid input or leave the mandatory field blank		
	 From #4 of the basic flow, the user enters invalid input or does not enter the mandatory field. The input is considered invalid when it is blank or violates rules or community standards of the system. 		
	 The system alerts the user about which fields whose input has problems and what actions should be taken while still disabling the "Upload button". 		
	3. The flow returns to #4 of the basic flow where the user should adjust the fields have problems.		

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	Alternative flow 3: The system detects book upload duplication
	1. From #7 of the basic flow, the system detects that the file selected by the
	user has been used as the content file for a book uploaded by him or her
	before.
	2. The system displays a small pop-up window at the bottom right corner of
	the screen alerting the error message that the file upload duplication is
	not allowed and suggesting the user to choose another suitable file.
	3. The flow returns #2 of the basic flow where the user should choose a
	suitable file that has not been uploaded by him or her before.
	Alternative flow 4: The user tries to upload a file whose size would make the
	updated total size exceed the limit defined in a week.
	1. From #3 of the basic flow, the user tries to upload a file whose size
	exceeds the remaining free space defined in a week.
	2. The system displays a small pop-up window at the bottom right corner of
	the screen alerting the error message that the file size is not suitable and
	suggesting the user to take proper actions. The suggested actions can be
	to reduce the file size, to break down the book content into smaller
	parts, to delete books uploaded earlier, or to contact the application
	admin for more support.
	3. The flow returns #2 of the basic flow where the user should choose a
	suitable file that should not exceed the remaining allowed capacity in the
	current week.
	Alternative flow 5: The Internet connection is interrupted when the book is being uploaded.
	1. After #6 of the basic flow, there is Internet disconnection during the
	book's upload.
	2. The system shows a small pop-up window at the bottom right corner of
	the screen, alerting that the upload cannot be successfully completed
	due to the interruption to the Internet connection and suggesting the
	user to check the Internet connection.
	3. The flow returns to #6 of the basic flow when there is Internet
	connection again.
Pre-conditions	The user has logged in to the website.
	The user goes to the "My Uploaded Books" page.
	The user has a stable Internet connection while the book file is being uploaded
	to the system.
Post-conditions	The user successfully uploads a book.

2.14 Use-case: Delete an uploaded book

Use case Name	Delete an uploaded book
Brief description	This use case describes how the users can delete an uploaded book.
Actors	User

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Basic Flow	 The user finds the uploaded book that he or she wants to remove. 		
	2. The user clicks on the "Remove" button indicated by the "X" icon on the		
	top right of the row for the targeted uploaded book.		
	The system shows a small pop-up window asking for confirmation of the user. This window has two options: "Cancel" and "Confirm".		
	4. The user clicks the "Confirm" button on the asking window.		
	5. The system removes the chosen book from the user's list of uploaded		
	books.		
	6. The system updates the displayed list of uploaded books of users and		
	alerts that the book has been successfully removed.		
Alternative Flows	Alternative flow 1: The user decides to cancel removal when the system asks		
	for confirmation.		
	 From #4 of the basic flow, the user clicks the "Cancel" button instead of "Confirm" button. 		
	The window asking for confirmation disappears without any changes made by the system to the user's list of books.		
	3. The flow continues to #1 of the basic flow if the user still wants to		
	remove certain books.		
Pre-conditions	The user has logged in to the website.		
	The user goes to the "My Uploaded Books" page.		
Post-conditions	The user successfully deletes an uploaded book.		

2.15 Use-case: Edit an uploaded book

Use case Name	Edit an uploaded book	
Brief description	This use case describes how the user can edit information or content of an	
	uploaded book.	
Actors	User	
Basic Flow	 The user finds the uploaded book whose information or content he or she wants to modify. 	
	The user clicks on the book cover image or the book title of the row for the targeted uploaded book.	
	3. The system redirects the user to the "My Uploaded Book Detail" page for the selected book.	
	4. The user chooses the information fields that he or she wants to change.	
	5. The user enters new information into the chosen fields.	
	6. The system enables the "Save" and "Reset" buttons once at least one information field has been changed.	
	7. The user presses the "Save" button.	
	8. The system displays a pop-up window asking the user for confirmation. The window includes two options that are 'Confirm" and "Cancel".	
	9. The user chooses the "Confirm" option.	
	10. The system saves new information or content.	
	11. The system shows a small pop-up window at the bottom right corner of the screen alerting modifications have been saved.	

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Alternative Flows

Alternative flow 1: The file intended to be used as a replacement has an unsupported format

- 1. From #4 of the basic flow, the user chooses to update the content of the book by choosing the book content file to upload another file as a replacement.
- 2. The system displays a window for the user to navigate the file he or she wants to upload.
- 3. The user selects a file with an unsupported format. More specifically, the user tries to choose a file whose extension is not txt or pdf.
- 4. The system displays a small pop-up window at the bottom right corner of the screen alerting the error message that the format of the file is not supported.
- 5. The flow returns to #5 of the basic flow where the user chooses another file that should have supported the extension.

Alternative flow 2: The user updates the information field with invalid input or leave the mandatory field blank

- 1. From #5 of the basic flow, the user enters invalid input or makes the mandatory field empty. The input is considered invalid when it is blank or violates rules or community standards of the system.
- 2. The system alerts the user about which fields whose input has problems and what actions should be taken while still disabling the "Upload button".
- 3. The flow returns to #5 of the basic flow where the user should adjust the fields have problems.

Alternative flow 3: The system detects book upload duplication

- 1. From #4 of the basic flow, the user chooses to update the content of the book by choosing the book content file to upload another file as a replacement.
- 2. The system displays a window for the user to navigate the file he or she wants to upload.
- 3. The user selects a file with content exactly the same as another book uploaded by him or her.
- 4. From #10 of the basic flow, the system detects that the file selected by the user has been used as the content file for a book uploaded by him or her before.
- 5. The system displays a small pop-up window at the bottom right corner of the screen alerting the error message that the file upload duplication is not allowed and suggesting the user to choose another suitable file.
- 6. The flow returns #5 of the basic flow where the user should choose a suitable file that has not been uploaded by him or her before.

Alternative flow 4: The user tries to upload a file whose size would make the updated total size exceed the limit defined in a week.

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	 From #4 of the basic flow, the user chooses to update the content of the book by choosing the book content file to upload another file as a replacement.
	 The system displays a window for the user to navigate the file he or she wants to upload.
	 The user tries to upload a file whose size exceeds the remaining free space defined in a week.
	4. The system displays a small pop-up window at the bottom right corner of the screen alerting the error message that the file size is not suitable and suggesting the user to take proper actions. The suggested actions can be to reduce the file size, break down the book content into smaller parts, or delete books uploaded earlier.
	The flow returns #5 of the basic flow where the user should choose a suitable file that should not exceed the remaining allowed capacity in the current week.
	Alternative flow 5: The Internet connection is interrupted when the new book content file is being uploaded.
	 From #4 of the basic flow, the user chooses to update the content of the book by choosing the book content file to upload another file as a replacement.
	The system displays a window for the user to navigate the file he or she wants to upload.
	The user chooses which file containing book content that he or she wants to upload from his or her device.
	4. There is Internet disconnection during the book's upload.
	4. The system shows a small pop-up window at the bottom right corner of the screen, alerting that the upload cannot be successfully completed due to the interruption to the Internet connection and suggesting the user to check the Internet connection.
	The flow returns to #5 of the basic flow when there is Internet connection again.
Pre-conditions	The user has logged in to the website.
	The user goes to the "My Uploaded Books" page.
	The user has a stable Internet connection while changing the information or content of a book uploaded by him or her.
Post-conditions	The user successfully modifies the information or content of a book uploaded earlier by him or her.

2.16 Use-case: Manage uploaded sample audio files

Use case Name	Manage uploaded sample audio files
Brief description	This use case describes how the user can manage his or her list of uploaded
	sample audio files.

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Actors	User
Basic Flow	The user presses the "Sample Audio Files" button on the left bar of the screen.
	The system redirects the user to the "My Uploaded Sample Audio Files" page.
	3. The user sees his or her list of uploaded sample audio files.
	4. The user can upload a new sample audio file as described by the "Upload a sample audio file" use-case (<u>use-case 2.17</u>), delete a sample audio file from his or her as described by the "Delete an uploaded sample audio file" use-case (<u>use-case 2.18</u>) or edit the information of a sample audio file in his or her list as described by the "Edit an uploaded sample audio file" use-case (<u>use-case 2.19</u>).
Alternative Flows	Alternative Flow 1: The user has not uploaded any sample audio files yet.
	 From #3 of the basic flow, the user sees a message saying that he or she has not uploaded any sample audio files yet. The flow continue with #4 of the basic flow.
Pre-conditions	The user has logged in to the website.
Post-conditions	The user successfully manages his or her list of uploaded sample audio files.

2.17 Use-case: Upload a sample audio file

Use case Name	Upload a sample audio file	
Brief description	This use case describes how the users can upload short audio files that can later	
	be used as samples for the system to simulate voices reading books.	
Actors	User	
Basic Flow	1. The user clicks the "Add" icon which is indicated by the plus icon.	
	The system displays a window for the user to navigate the file he or she wants to upload.	
	The user chooses which audio file that he or she wants to upload as a sample from his or her device or attach a link to that audio file.	
	 The user enters the information associated with the audio file intended to be uploaded. This information includes file name and description. 	
	The system enables the "Upload" button only when all mandatory fields are entered. These fields only include the file name.	
	6. The user clicks the "Upload" button.	
	 The system resolves the request of uploading a sample audio file and updates the user's list of uploaded sample audio files. 	
	The system displays a small pop-window at the bottom right corner of	
	the screen alerting the audio file is successfully uploaded.	
Alternative Flows	Alternative flow 1: The file intended to be uploaded has an unsupported	
	format	
	6. From #3 of the basic flow, the user selects a file with an unsupported	

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- format. More specifically, the user tries to choose a file whose extension is not mp3 or m4a.
- 7. The system displays a small pop-up window at the bottom right corner of the screen alerting the error message that the format of the file is not supported.
- 8. The flow returns to #3 of the basic flow where the user chooses another file that should have supported the extension.

Alternative flow 2: The user enters invalid input or leave the mandatory field blank

- 4. From #4 of the basic flow, the user enters invalid input or does not enter the mandatory field. The input is considered invalid when it is blank or violates rules or community standards of the system or it is input to the file name field but has the same as a previous file.
- 5. The system alerts the user about which fields whose input has problems and what actions should be taken while still disabling the "Upload button".
- 6. The flow returns to #4 of the basic flow where the user should adjust the fields have problems.

Alternative flow 3: The system detects audio file upload duplication

- 7. From #7 of the basic flow, the system detects that the audio file selected by the user is the same as another uploaded sample audio file uploaded by him or her.
- 8. The system displays a small pop-up window at the bottom right corner of the screen alerting the error message that the file upload duplication is not allowed and suggesting the user to choose another suitable file.
- 9. The flow returns #2 of the basic flow where the user should choose a suitable file that has not been uploaded by him or her before.

Alternative flow 4: The user tries to upload a file whose size exceeds the limit defined by the system.

- 6. From #3 of the basic flow, the user tries to upload a file whose size exceeds the maximum size allowed by the system.
- 7. The system displays a small pop-up window at the bottom right corner of the screen alerting the error message that the file size is not suitable and suggesting the user to take proper actions. The suggested actions can be to choose another file with a smaller size.
- 8. The flow returns #2 of the basic flow where the user should choose a suitable file that should not exceed the maximum size allowed by the system.

Alternative flow 5: The Internet connection is interrupted when the audio file is being uploaded.

6. After #6 of the basic flow, there is Internet disconnection during the

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	 audio file upload. 7. The system shows a small pop-up window at the bottom right corner of the screen, alerting that the upload cannot be successfully completed due to the interruption to the Internet connection and suggesting the user to check the Internet connection. 8. The flow returns to #6 of the basic flow when there is Internet connection again.
Pre-conditions	The user has logged in to the website. The user goes to the "My Uploaded Sample Audio Files" page. The user has a stable Internet connection while the audio file is being uploaded to the system.
Post-conditions	The user successfully uploads a sample audio file.

2.18 Use-case: Delete an uploaded sample audio file

Use case Name	Delete an uploaded sample audio file	
Brief description	This use case describes how the users can delete an uploaded sample audio file.	
Actors	User	
Basic Flow	 The user finds the uploaded sample audio file that he or she wants to remove. 	
	The user clicks on the "Remove" button indicated by the "X" icon on the top right of the row for the targeted sample audio file.	
	The system shows a small pop-up window asking for confirmation of the user. This window has two options: "Cancel" and "Confirm".	
	4. The user clicks the "Confirm" button on the asking window.	
	The system removes the chosen sample audio file from the user's list of uploaded sample audio files.	
	 The system updates the displayed list of uploaded sample audio files of users and alerts that the sample audio file has been successfully removed. 	
Alternative Flows	Alternative flow 1: The user decides to cancel removal when the system asks	
	for confirmation.	
	From #4 of the basic flow, the user clicks the "Cancel" button instead of "Confirm" button.	
	The window asking for confirmation disappears without any changes made by the system to the user's list of uploaded sample audio files.	
	The flow continues to #1 of the basic flow if the user still wants to remove certain audio files.	
Pre-conditions	The user has logged in to the website. The user goes to the "My Uploaded Sample Audio Files" page.	
Post-conditions	The user successfully deletes an uploaded sample audio file.	

2.19 Use-case: Edit an uploaded sample audio file

Use case Name	Edit an uploaded sample audio file
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Brief description	This use case describes how the user can edit information of an uploaded sample
	audio file.
Actors	User
Basic Flow	 The user finds the uploaded sample audio file whose information he or she wants to modify.
	 The user clicks on the row for the targeted uploaded sample audio file. The system redirects the user to the "My Uploaded Sample Audio File Detail" page for the selected audio file.
	4. The user chooses the information fields that he or she wants to change.
	5. The user enters new information into the chosen fields.
	6. The system enables the "Save" and "Reset" buttons once at least one information field has been changed.
	7. The user presses the "Save" button.
	8. The system displays a pop-up window asking the user for confirmation. The window includes two options that are 'Confirm" and "Cancel".
	9. The user chooses the "Confirm" option.
	10. The system saves new information.
	11. The system shows a small pop-up window at the bottom right corner of the screen alerting modifications have been saved.
Alternative Flows	Alternative flow 1: The user updates the information field with invalid input or
	leaves the mandatory field blank.
	 From #5 of the basic flow, the user enters invalid input or makes the mandatory field empty. The input is considered invalid when it is blank or violates rules or community standards of the system or it is input to the file name field but has the same as a previous file.
	The system alerts the user about which fields whose input has problems and what actions should be taken while still disabling the "Upload button".
	3. The flow returns to #5 of the basic flow where the user should adjust the fields have problems.
Pre-conditions	The user has logged in to the website.
	The user goes to the "My Uploaded Sample Audio Files" page.
Post-conditions	The user successfully changes information of an uploaded sample audio file.

2.20 Use-case: Customize Voices

Use case Name	Customize voices	
Brief description	This use case describes how the users can choose the preferred voice reading	
·	book.	
Actors	User	
Basic Flow	1. The user clicks the "Voices" drop-down menu.	
	2. The user sees the list of names of sample voices in the drop-down menu	
	that he or she can choose.	

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	 The user chooses the name of the uploaded audio file or the voices provided by the system in the drop-down menu that he or she wants to use as the sample for generating voice reading the currently opened book.
Alternative Flows	Alternative flow 1: The user cannot select the voice option as it has been
	removed (for example, the user deletes the voice in another tab)
	1. From #3 of the basic flow, the user tries to select a deleted voice option.
	The system alerts that the voice that he or she intends to choose has been removed.
	3. The system updates the list of the drop-down menu.
	4. The flow continues with #2 of the basic flow where the user sees the
	updated list of voice options.
Pre-conditions	The user goes to the website page containing book content.
Post-conditions	The user successfully customizes the voice he or she prefers.

2.21 Use-case: Rate a book

Use case Name	Rate a book		
Brief description	This use case describes how the users can rate a specific book.		
Actors	User		
Basic Flow	 The user clicks the one of five stars right below the book title to give an integer score from 1 to 5 or clicks the current rightmost star to remove the rating given by him or her earlier. 		
Alternative Flows	Alternative flow 1: There is Internet disconnection when the user tries to give a		
	rating to a specific book.		
	 From #1 of the basic flow, there is an Internet disconnection, preventing the user from giving a rating to a specific book. 		
	The system alerts the user about the Internet disconnection and suggests the user to try again through a small pop-up message window at the bottom right corner of the screen.		
	3. The flow returns to #1 of the basic flow where the user should try to give rating again once the Internet connection is stable.		
Pre-conditions	The user has logged in to the website.		
	The user goes to the "Book Detail Information" page.		
	The user has a stable Internet connection while the audio file is being uploaded		
	to the system.		
Post-conditions	The user successfully rates a book that he or she has read earlier.		

2.22 Use-case: Comment

Use case Name	Comment	
Brief description	This use case describes how the users can give comments about a book or reply	
	to other users' comments about books.	

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Actors	User		
Basic Flow	 The user clicks the "Write comment" button below the summary of the book or the "Reply" button below some comments to write replies to comments of other users. The user writes a comment. The user clicks the "Send" button indicated by the paper plane icon at the bottom right of the text box. 		
Altamatica Flaces	Alternative flow 1. The wear twice to waite a comment where a great of		
Alternative Flows	Alternative flow 1: The user tries to write a comment whose number of characters exceed the allowed maximum number of characters defined by the		
	system.		
	1. From #2 of the basic flow, the user writes a comment with the number of characters greater than the number of characters allowed by the system.		
	The system alerts the user about the limit of the number of characters of a comment.		
	3. The system disables the "Send" button.		
	4. The flow returns to #2 of the basic flow where the user adjusts his or her comment to reduce its number of characters.		
Pre-conditions	The user has logged in to the website.		
	The user goes to the "Book Detailed Information" page.		
Post-conditions	The user successfully writes a comment or reply to a comment.		

2.23 Use-case: Track reading progress

Use case Name	Track reading progress	
Brief description	This use case describes how the user can monitor and update their reading	
	status for each book, keeping track of the progress of reading a specific book.	
Actors	User	
Basic Flow	 The user sees their reading status right below the place where the user can give his or her rating. The status is displayed as "You have not finished reading the book yet", "You have finished reading the book" or a percentage indicating how much the user has read along with the current page number where the user is currently at. The user clicks the "Update" button right to the displayed status to update the reading progress. The system shows a small pop-up window at the center of the screen where there is a text box for entering the current page number or "Finish reading" button or "Stop reading" button. The user chooses the desired option or enters the appropriate input to 	
	the page number field. 5. The user clicks the "Save" button.	
	6. The system saves your modification.	
	7. The system updates the displayed status.	
Alternative Flows	Alternative flow 1: The user enters an invalid input to the page number text	

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	field.
	 From #3 of the basic flow, the user enters an invalid input to the page number text field, which contains a non-digit character or is greater than the number of pages of the book.
	 The system alerts the user about the invalid input to the page number text field and suggests the user to change the input to a proper page number.
	3. The system disables the "Save" button.
	4. The flow returns to #3 of the basic flow where the user should modify the page number field with a valid input.
	Alternative flow 2: The user clicks the "Cancel" button.
	1. After #3 of the basic flow, the user chooses the "Cancel" button.
	The system removes the pop-up window without any changes made to the status of reading the considered book recorded.
	Alternative flow 3: There is Internet disconnection.
	 From #5 of the basic flow, the user tries to save his or her modification while he or she encounters an interrupt in the Internet connection.
	2. The system alerts the user about the problem with the Internet
	disconnection preventing him or her from updating status and suggests the user to take proper action.
	3. The flow returns to #5 of the basic flow where the user tries to save his or her modification when the Internet connection is stable again.
Pre-conditions	The user has logged in to the website.
	The user goes to the "Book Detail Information" page.
	The user has a stable Internet connection while updating the reading progress.
Post-conditions	The user successfully sees and updates his or her progress of reading a book.

2.24 Use-case: View statistics

Use case Name	View statistics	
Brief description	This use case describes how the user can view the statistics involving his or her records of reading books over different time periods which can be "weekly", "monthly", or "yearly".	
Actors	User	
Basic Flow	1. The user clicks the "View statistics" button.	
	 The system displays the weekly statistics of the user. The statistics include the number of books and pages as well as the common genres and authors of books read by the user at specific weeks. 	
	The user chooses the drop-down to switch between different types of period: "Weekly", "Monthly", or "Yearly".	
	4. The system retrieves the data according to the user's choice.	

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5. The system updates the displayed statistics according to the user's
choice.
6. The user scrolls and sees the displayed statistics for different periods.
Alternative flow 1: There is an interrupt in Internet connection while the user is
viewing the statistics.
 From #3 of the basic flow, the user tries to change period type while there is an interrupt in the Internet connection.
The system alerts the user about the Internet connection problem, preventing the user from sending requests to the system and suggests the user take proper action.
The flow returns to #3 where the user tries to choose the desired period type when the Internet connection is stable again.
The user is currently logged in.
The user goes to the profile page.
The user has a stable Internet connection while viewing the statistics.
The user successfully views statistics.

2.25 Use-case: Manage user accounts

Use case Name	Manage user accounts
Brief description	This use case describes how the admin can manage user accounts.
Actors	Admin
Basic Flow	 The admin chooses the "Manage user accounts" option at the left bar of the screen. The system redirects the admin to the "Manage user accounts" page. The admin can view an user account status as described by the "View user account status" use-case (<u>use-case 2.26</u>) or ban an user account as described by the "Ban an user account" use-case (<u>use-case 2.27</u>).
Alternative Flows	 Alternative Flow 1: There is Internet disconnection. From #1 of the basic flow, the user tries to go to "Manage user accounts" while there is an Internet disconnection. The system alerts that there is Internet disconnection and suggests admin to take proper action. The flow returns to #1 of the basic flow where the admin tries to go to "Manage user accounts" again when there is a stable Internet connection.
Pre-conditions	The admin has logged in to the website. The admin goes to the landing page. The admin has a stable Internet connection while currently managing user accounts.

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Post-conditions	The admin successfully manages user accounts.
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2.26 Use-case: View user account status

Use case Name	View user account status
Brief description	This use case describes how the admin can see the status of a specified user
	account.
Actors	Admin
Basic Flow	
	1. The admin types the user's registered email into the user account search
	bar.
	2. The system displays the status of searched user accounts as a result
	under the user account search bar along with the managing option that
	the admin can choose. The status will be displayed as "Normal" or
	"Permanently Banned" or "Temporarily banned".
Alternative Flows	Alternative Flow 1: The admin enters an unregistered email.
7.11011101110110110	1. From #1 of the basic flow, the admin enters an email that has not been
	registered by any users.
	2. The system alerts that the entered email has not been registered by any
	users instead of showing the result as in normal case.
	Alternative Flow 2: The admin enters an input that does not have a correct
	email format.
	1. From #1 of the basic flow, the admin enters an input that does not have
	the correct format for an email.
	2. The system alerts the admin about the incorrect-format input.
	3. The system disabled the search button of the user account search bar.
Pre-conditions	The admin has logged in to the website.
	The admin goes to the "Manage user accounts" page.
Post-conditions	The admin successfully sees the status of a specified user account.

2.27 Use-case: Ban an user account

Use case Name	Ban an user account
Brief description	This use case describes how the admin can ban an user account due to identified
	rule violation of the considered account.
Actors	Admin

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Basic Flow	
	 The admin clicks the "Change Status" button at the bottom of the search result.
	2. The system displays a small pop-up window at the center of the screen.
	3. The admin chooses options of banning in the list of options shown by the drop-down menu of the pop-up window, that is "Ban permanently", "Ban temporarily", or "Normal" and continues to set the duration of banning if the "Ban temporarily" is chosen.
	4. The admin clicks the "Confirm" button of the window.
	5. The system changes the user account status according to choices of
	admin.
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Alternative Flows	Alternative Flow 1: The admin cancels changing status.
	1. From #4 of the basic flow, the admin chooses the "Cancel" button
	instead of the "Confirm" button.
	2. The system stops showing the window and keeps the status unchanged.
	Alternative Flow 2: The admin set the status of the user account to "Normal"
	1. From #3 of the basic flow, the admin chooses the "Normal" button,
	activating the user account if the user is currently being banned.
	2. The flow continues with #4 of the basic flow.
Pre-conditions	The admin has logged in to the website.
	The admin goes to the "Manage user accounts" page.
	The admin successfully searches for a user account.
Post-conditions	The admin successfully bans an user account.

2.28 Use-case: Regulate uploaded books

	<u> </u>
Use case Name	Regulate uploaded books
Brief description	This use case describes how the admin or moderator can search for an uploaded
	book of an user to see information or content to check whether it violates
	copyright law, is illegal, is an unauthorized use, contains inappropriate content or
	violates other rules or community standards.
Actors	Admin, Moderator
Basic Flow	
	1. The admin or moderator clicks the drop-down menu containing the list
	of uploaded books of the searched user.
	2. The admin or moderator clicks the book that he or she wants to check.
	3. The admin or moderator goes to the link containing that book to see its information.
	4. The admin or moderator can hide or delete a book according to the
	"Hide a violating book" use-case (<u>use-case 2.29</u>) or "Remove a violating
	book" use-case (<u>use-case 2.30</u>).
Alternative Flows	Alternative Flow 1: The admin or moderator cancels changing status.
	1. From #7 of the basic flow, the admin or moderator chooses the "Cancel"
	button instead of the "Confirm" button.

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	2. The system stops showing the window and keeps the status unchanged. Alternative Flow 2: The admin or moderator set the status of the user account to "Shown"
	 From #6 of the basic flow, the admin or moderator chooses the "Shown" button to make a book public again if it was hidden earlier. The flow continues with #7 of the basic flow.
Pre-conditions	The admin or moderator has logged in to the website. The admin or moderator goes to the "Manage user accounts" page. The admin or moderator successfully searches for a user account.
Post-conditions	The admin or moderator successfully regulates uploaded books.

2.29 Use-case: Hide a violating book

Use case Name	Hide a violating book
Brief description	This use case describes how the admin or moderator can hide a book from every
	user (the admin or moderator restricts the book's access, making it no longer
	publicly available to all users) if that book is suspected to violate copyright law,
	be illegal, be an unauthorized use, contain inappropriate content or violate other
	rules or community standards.
Actors	Admin, Moderator
Basic Flow	
	1. The admin or moderator clicks the drop-down menu containing the list
	of uploaded books of the searched user.
	2. The admin or moderator clicks the book that should be hidden.
	3. The system shows buttons that the admin or moderator can use to take
	action.
	4. The admin or moderator clicks the "Change Status" button.
	5. The system displays a small pop-up window at the center of the screen.
	6. The admin or moderator chooses the option of hiding the book if the
	book is currently public.
	7. The admin or moderator clicks the "Confirm" button of the window.
	8. The system changes the book status according to choices of admin or
	moderator.
Alternative Flows	Alternative Flow 1: The admin or moderator cancels changing status.
	1. From #7 of the basic flow, the admin or moderator chooses the "Cancel"
	button instead of the "Confirm" button.
	2. The system stops showing the window and keeps the status unchanged.
	Alternative Flow 2: The admin or moderator set the status of the user account
	to "Shown"
	1. From #6 of the basic flow, the admin or moderator chooses the "Shown"
	button to make a book public again if it was hidden earlier.
	2The flow continues with #7 of the basic flow.
Pre-conditions	The admin or moderator has logged in to the website.
	The admin or moderator goes to the "Manage user accounts" page.

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	The admin or moderator successfully searches for a user account.
Post-conditions	The admin or moderator successfully hides a violating book.

2.30 Use-case: Remove a violating book

	-	
Use case Name	Remove a violating book	
Brief description	This use case describes how the admin or moderator can delete a book uploaded	
	by a user if that book is suspected to violate copyright law, be illegal, be an	
	unauthorized use, contain inappropriate content or violate other rules or	
	community standards.	
Actors	Admin, Moderator	
Basic Flow		
	 The admin or moderator clicks the drop-down menu containing the list of uploaded books of the searched user. 	
	2. The admin or moderator clicks the book that should be deleted.	
	3. The system shows buttons that the admin or moderator can use to take	
	action.	
	4. The admin or moderator clicks the "Delete" button.	
	5. The system displays a small pop-up window at the center of the screen,	
	asking for admin or moderator's confirmation.	
	6. The admin or moderator clicks the "Confirm" button of the window.	
	7. The system deletes the book.	
Alternative Flows	Alternative Flow 1: The admin or moderator cancels deleting a book when he	
	or she is asked for confirmation.	
	1. From #6 of the basic flow, the admin or moderator chooses the "Cancel"	
	button instead of the "Confirm" button.	
	The system stops showing the window without deleting anything.	
Pre-conditions	The admin or moderator has logged in to the website.	
	The admin or moderator goes to the "Manage user accounts" page.	
	The admin or moderator successfully searches for a user account.	
Post-conditions	The admin or moderator successfully removes a violating book.	

2.31 Use-case: Delete a violating comment

Use case Name	Delete a violating comment
Brief description	This use case describes how the admin or moderator can delete a comment
	made by a user if that comment is considered to contain inappropriate content
	or violate other rules or community standards.
Actors	Admin, Moderator

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Basic Flow		
	1. The admin or moderator clicks the drop-down menu containing the list	
	of comments made by the user.	
	2. The admin or moderator clicks the comment that should be deleted.	
	3. The system shows buttons that the admin or moderator can use to take action.	
	4. The admin or moderator clicks the "Delete" button.	
	5. The system displays a small pop-up window at the center of the screen,	
	asking for admin or moderator's confirmation.	
	6. The admin or moderator clicks the "Confirm" button of the window.	
	7. The system deletes the book.	
Alternative Flows	Alternative Flow 1: The admin or moderator cancels deleting a book when he	
	or she is asked for confirmation.	
	1. From #6 of the basic flow, the admin or moderator chooses the "Cancel"	
	button instead of the "Confirm" button.	
	2. The system stops showing the window without deleting anything.	
Pre-conditions	The admin or moderator has logged in to the website.	
	The admin or moderator goes to the "Manage user accounts" page.	
	The admin or moderator successfully searches for a user account.	
Post-conditions	The admin or moderator successfully deletes a violating comment.	

2.32 Use-case: Request account deletion

Use case Name	Request account deletion	
Brief description	This use case describes how the users can send requests to delete their	
	registered accounts.	
Actors	User	
Basic Flow	 The user clicks the profile icon or profile picture at the right of the top bar of the page. 	
	2. The system redirects the user to the profile page.	
	3. The user clicks the "Request account deletion" button which is near the end of the web page.	
	4. The system redirects the user to the "Request account deletion" page.	
	The user enters the password field to confirm that he or she wants to delete his or her registered account.	
	6. The user clicks the "Send request" button at the bottom of the page.	
	7. The system redirects the user back to the landing page.	
	8. The system alerts the user that the request has been successfully made.	
Alternative Flows	Alternative flow 1: User forgets the old password.	
	1. After #4 of the basic flow, the user chooses the "forgotten password?"	
	option which will lead the user to the process of the "Reset Password"	
	use-case (<u>use-case 2.3</u>).	
	2. Continue with #5 of the basic flow.	
	Alternative flow 2: User clicks the "Back" icon.	

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	1. The user clicks the "Back" icon at the top-left corner of the page.	
2. The system redirects the user to the profile page without a		
	sent.	
Pre-conditions	The user is currently logged in.	
	The user has a stable Internet connection while sending the request to remove	
	his or her account.	
Post-conditions	The user successfully sends the request to delete his or her account.	

2.33 Use-case: Resolve account deletion request

Use case Name	Resolve account deletion request		
Brief description	This use case describes how the admin can approve an account deletion request.		
Actors	Admin		
Basic Flow	The admin clicks the "Resolve account deletion requests" button near		
	the top of the web page.		
	2. The system redirects admin to "Account deletion request lists".		
	3. The admin sees the list of account deletion requests and considers which requests can be resolved.		
	4. The admin clicks "Approve" at the right of the approved row of account deletion request.		
	5. The system receives the approval from the admin.		
	6. The system alerts that the account has been successfully deleted.		
Alternative Flows	Alternative flow 1: There is no account deletion request.		
	1. From #3 of the basic flow, the admin sees the message "There is no		
	account deletion request" instead of the list of account deletion		
	requests.		
	Alternative flow 2: Admin clicks the "Back" icon.		
	1. The admin clicks the "Back" icon at the top-left corner of the page.		
	2. The system redirects the admin to the "Manage user accounts" page.		
	Alternative flow 3: Admin tries to click "Approve" on an already-approved		
	request.		
	1. From #4 of the basic flow, the admin clicks the "approve" button of an		
	account deletion request that has been approved earlier, indicating by its		
	grey color instead its normally red color.		
	2. Continue with #3 of the basic flow.		
Pre-conditions	The admin has logged in to the website.		
	The admin goes to the "Manage user accounts" page.		
Post-conditions	The admin successfully approves an account deletion request made by an user.		

2.34 Use-case: See book recommendations

Use case Name	See book recommendations	
Brief description	This use case describes how the user see book recommendations	
Actors	User	
Basic Flow	1. At the top bar, the user presses the "Home" button.	

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	2. The system redirects the user to the home page.
	The user sees and scroll through the book recommendations.
Alternative Flows	Alternative flow 1: The Internet connection is unstable
	1. After #2 of the basic flow, there is interruption in the Internet
	connection, preventing websites from fetching the generated book
	recommendations of the server.
	2. The system alerts the user that there is a problem with the Internet
	connection and suggests to the user what action should be taken
	through an appearing message box at the bottom-right of the window.
	3. The user checks the Internet connection or waits until it is available
	again.
	4. Continue with #3 of the basic flow.
Pre-conditions	The user is currently logged in.
	The user has a stable Internet connection during viewing book
	recommendations.
Post-conditions	The user successfully sees book recommendations.