USE CASE DOCUMENT COMIC/MANGA WEB APPLICATION



COMPANY: KREATIFQODE

CITY: JAKARTA BARAT

PROVINCE: DKI JAKARTA

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Central Project: github.com/kreatfqode/api-web-comic





INTRODUCTION

The Use Case Document is a business document which provides a story of how a system, and its actors, will be utilized to achieve a specific goal. An effective Use Case should provide a detailed step-by-step description of how the system will be used by its actors to achieve the planned outcome. The purpose of the Use Case is to tie the business needs of the system to the design parameters of the system to ensure that the completed system achieves the goals established by the business requirements. The level of detail in Use Cases may vary greatly depending on the size and complexity of the system being designed.

This Use Case has been developed for ABC Corporation's new system for ordering material based on the design team's gathering of business and functional area requirements. The Material Ordering System will replace the manual material ordering processes currently utilized by ABC Corp. ABC Corp. has identified business needs for reducing man hours for material ordering and leveraging existing software platforms (i.e. SAP) to help manage material ordering and inventory management. The new Material Ordering System will be designed to meet these business needs and improve ABC Corp.'s overall business strategy.

EXPLANATION OF USE CASE CONTENTS

Use Case formats and contents may vary based on system requirements, organizational standards, or unique situations. However, a majority of Use Cases consist of some fundamental contents which may be applied across a wide range of system types. This section will provide explanations for each section of the Use Case.

Name of Use Case: Provide a short name for the use case which should lend itself to the objective of the system.







Description: This section should provide a description of both the reason for using the use case and the expected outcome of the use case.

Actors: Actors may be primary or secondary. Primary actors are the people who will be initiating the system described in the use case. Secondary actors are those will participate in the completion of the use case.

Precondition: This section should describe any conditions that must be true or activities that must be completed prior to executing the use case.

Postcondition: This section should describe the state of the system at the conclusion of the use case. Postconditions may include conditions for both successful and unsuccessful execution of the use case.

Flow: This section should describe all actions of the user and the expected system responses for planned normal execution of the use case. The description should be sequential and provide adequate detail to understand all user actions and system responses.

Alternative Flows: Many use cases have varying or special extensions or conditions which are separate from the main flow but also necessary. Alternative flows are usually the result of options or exceptions built into the use case which may alter the primary flow.

Exceptions: When use cases are executed, there may be various conditions which result in errors. This section should describe any errors that may result during use case execution and how the system will react or respond to those errors.

Requirements: This section should describe any non-functional or special requirements for the system as the use case is executed. These requirements may consist of legal or regulatory requirements, quality standards, or organizational requirements that are outside of the functional requirements the system is expected to perform.



PRODUCT USE CASE

USER REGISTRATION

Name of Use Case:	User Registration		
Created By:	M. Oskhar Mub	Last Updated By:	M. Oskhar Mub
Date Created:	20/1/2024	Last Revision Date:	20/1/2024
Description:	This use case descri comic/manga applica	·	ew user registering on the web
Actors:	Guest (New User), S	System	
Preconditions:	The user does not ha	ave an existing accoun	t.
Postconditions:	The user's account is successfully created, and they are ready to log in.		
Flow:	 User provides a unique username, a valid email, and a secure password. The application validates the provided information. The user is registered with a default role set as 'User'. The system sends a confirmation email to the user. User confirms the registration by clicking the link in the confirmation email. 		
Alternative Flows:	If the email confirmation link is not clicked within a certain time, the registration may expire, and the user needs to register again.		
Exceptions:	If the email confirmation link is not clicked within a specified time, the registration becomes invalid, and the user must re-register.		
Requirements:	1	ust validate the unique resses are valid.	ness of usernames and ensure





2.	Confirmation emails must be sent securely and promptly.

USER LEAVING COMMENT

Name of Use Case:	User Leaving Comment		
Created By:	M. Oskhar Mub Last Updated By: M. Oskhar Mub		
Date Created:	20/1/2024		
Description:	Describes the proces manga.	ss of a user leaving a c	comment on a chapter of the
Actors:	User		
Preconditions:	User is logged in and viewing a chapter of the manga.		
Postconditions:	The user's comment is successfully added to the system.		
Flow:	 User navigates to a manga or chapter. User decides to leave a comment and enters the content. User submits the comment. The application associates the comment with the user, manga, and chapter. 		
Alternative Flows:	Users can reply to existing comments, creating a threaded discussion.		
Exceptions:	If the comment content is empty, the system prompts the user to enter valid content.		
Requirements:	The system should allow users to engage in threaded discussions by replying to existing comments.		





USER GIVING RATING

Name of Use Case:	User Giving Rating		
Created By:	M. Oskhar Mub	Last Updated By:	M. Oskhar Mub
Date Created:	20/1/2024	Last Revision Date:	21/1/2024
Description:	Describes the process of a user providing a rating and optional review comment for a manga.		
Actors:	User		
Preconditions:	User is logged in and viewing a manga.		
Postconditions:	The user's rating is successfully added to the system.		
Flow:	User navigates to the manga they want to rate.		
	2. User provides a numerical rating (1 to 5) and an optional review		
	comment.		
	User submits the rating.		
	4. The application associates the rating with the user and manga.		
Alternative Flows:	If the user chooses not to leave a review comment, they can skip that part of the process.		
Exceptions:	If the rating input is invalid, the system prompts the user to provide a valid rating.		
Requirements:	1. The system mu	ust validate the numeri	cal rating provided by the user.

REPORTING INAPPROPRIATE CONTENT

Name of Use Case:	Reporting Inappropriate Content		
Created By:	M. Oskhar Mub	Last Updated By:	M. Oskhar Mub





Date Created:	20/1/2024	Last Revision Date:	21/1/2024	
Description:	Describes the process	of a user reporting in	nappropriate content or spam.	
Actors:	User, System			
Preconditions:	User identifies inappro	User identifies inappropriate content while using the application.		
Postconditions:	A web view report is su	ubmitted to the syste	m.	
Flow:	User identifies in	appropriate content.		
	2. User initiates the	e report, providing det	tails such as the type of content	
	and a description.			
	3. User submits the report.			
	4. The application associates the report with the user, manga, and chapter.			
Alternative Flows:	Users can select the type of inappropriate content from predefined categories.			
Exceptions:	If the report details are incomplete, the system prompts the user to provide all required information.			
Requirements:	Inappropriate content reports should include predefined categories for ease of classification.			

USER FOLLOWING AN AUTHOR

Name of Use Case:	User Following an Author		
Created By:	M. Oskhar Mub	Last Updated By:	M. Oskhar Mub
Date Created:	20/1/2024		
Description:	Describes the process of a user following an author to receive updates.		





Actors:	User
Preconditions:	User is logged in and viewing an author's profile.
Postconditions:	The user successfully follows the author, and the follow action is recorded.
Flow:	User navigates to an author's profile.
	2. User clicks the 'Follow' button.
	3. The application records the follow action, including a timestamp.
Alternative Flows:	Users can unfollow an author by clicking an 'Unfollow' button.
Exceptions:	If the user is not logged in, the system prompts them to log in before following an author.
Requirements:	The follow mechanism must be robust, allowing users to unfollow authors if desired.

USER BOOKMARKING MANGA

Name of Use Case:	User Following an Author			
Created By:	M. Oskhar Mub	Last Updated By:	M. Oskhar Mub	
Date Created:	20/1/2024	Last Revision Date:	21/1/2024	
Description:	Describes the process of a user bookmarking a manga to save it for future reading.			
Actors:	User			
Preconditions:	User is logged in and browsing manga titles.			
Postconditions:	The selected manga reference.	is successfully bookm	arked in the user's profile for future	





Flow:	User navigates to the list of available manga titles.	
	2. Users click on a specific manga title they want to bookmark.	
	3. User selects the option to "Bookmark" the manga.	
	4. The application adds the manga to the user's list of bookmarked titles.	
Alternative Flows:	If the user accidentally clicks on the "Bookmark" option, they can undo the action by selecting "Remove Bookmark."	
Exceptions:	If there is an error in bookmarking the manga, the system prompts the user to try again.	
Requirements:	The system must provide a user-friendly interface for managing bookmarked manga titles.	
	Users should be able to quickly access their bookmarked titles from their profile.	

USER NOTIFICATION INBOX

Name of Use Case:	User Notification Inbo	х	
Created By:	M. Oskhar Mub	Last Updated By:	M. Oskhar Mub
Date Created:	20/1/2024	Last Revision Date:	21/1/2024
Description:	This use case involves providing users with a dedicated notification inbox within the web comic/manga application.		
Actors:	User,System		
Preconditions:	User is logged into their account.		
Postconditions:	Users can conveniently review and manage notifications within the dedicated inbox.		
Flow:	Users access the notification inbox from their profile.		
	The system displays a chronological list of notifications.		





	Users can mark notifications as read, unread, or delete them.	
Alternative Flows:	 If the user misses a notification, the system retains it in the inbox for a certain period. 	
	If the user clicks on a notification, the system directs them to the relevant content (e.g., manga, chapter).	
Exceptions:	 If there is an issue retrieving notifications, the system displays an error message and prompts the user to try again. 	
	If a user marks a notification as unread, but the action fails, the system logs the error for further investigation.	
	 If the user attempts to delete a notification that is critical for system updates, the system prompts for confirmation to avoid accidental deletion. 	
Requirements:	 The system must provide real-time updates for time-sensitive notifications. 	
	2. Notification inbox must support filtering and search capabilities.	
 Notifications should be retained for a reasonable period, even in user is not actively checking the inbox. 		
	 The system should offer a seamless transition from the notification inbox to the associated content. 	

AUTHOR REGISTRATION AND ONBOARDING

Name of Use Case:	Author Registration and Onboarding				
Created By:	M. Oskhar Mub Last Updated By: M. Oskhar Mub				
Date Created:	28/1/2024				
Description:	This use case involves the registration and onboarding process for new authors.				
Actors:	Admin, Author				
Preconditions:	Admin is logged into the admin dashboard.				





Postconditions:	New authors are successfully registered and added to the platform.		
Flow:	Admin accesses the Author Management section.		
	Admin initiates the author registration process.		
	3. Author completes the registration form, providing necessary details.		
	4. The application validates the information and creates a new author		
	profile.		
Alternative Flows:	If the registration form is incomplete, the system prompts the admin to ensure all required fields are filled.		
Exceptions:	If the registration process encounters technical errors, the system logs		
	the issue for further investigation.		
Requirements:	The system must enforce unique usernames and email addresses.		
	Secure transmission and storage of registration data.		

AUTHOR PROFILE MANAGEMENT

Name of Use Case:	Author Profile Management			
Created By:	M. Oskhar Mub	Last Updated By:	M. Oskhar Mub	
Date Created:	28/1/2024	Last Revision Date:	28/1/2024	
Description:	This use case covers the management of author profiles, including updating information.			
Actors:	Admin, Author			
Preconditions:	Author is logged into their account.			
Postconditions:	Author profile details are successfully updated.			
Flow:	Author accesses their profile from the dashboard.			

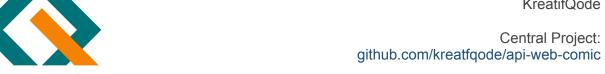




	 Author edits profile information such as pen name, biography, and social media links. 	
	3. The application validates and updates the author's profile.	
Alternative Flows:	If the profile update includes invalid data, the system prompts the author to correct the errors.	
Exceptions:	If there are issues with updating the profile picture, the system allows the author to retry or select a new image.	
Requirements:	 The system must support the upload and storage of profile pictures. Real-time validation of social media links. 	

Manga Creation and Management

Name of Use Case:	Manga Creation and Management					
Created By:	M. Oskhar Mub Last Updated By: M. Oskhar Mub					
Date Created:	28/1/2024					
Description:	This use case involves the creation and management of manga titles by authors.					
Actors:	Author					
Preconditions:	The author is logged into their account.					
Postconditions:	New manga titles are successfully created and associated with the author's profile.					
Flow:	Author navigates to the dashboard's manga management section.					
	Author initiates the process of adding a new manga.					
	3. Author provides details such as title, description, genre, and cover					
	image.					



	4. The application associates the new manga with the author's profile.
Alternative Flows:	If the manga details are incomplete, the system prompts the author to fill in the required fields.
Exceptions:	 If there is an issue with uploading the cover image, the system allows the author to retry or select a different image.
Requirements:	 Support for multiple genres for each manga. Validation of unique titles for each author.

CHAPTER MANAGEMENT

Name of Use Case:	Chapter Management		
Created By:	M. Oskhar Mub Last Updated By: M. Oskhar Mub		
Date Created:	28/1/2024	Last Revision Date:	28/1/2024
Description:	This use case involves the creation and management of chapters within a manga.		
Actors:	Author, System		
Preconditions:	The author is logged into their account.		
Postconditions:	New chapters are successfully added to the selected manga.		
Flow:	 Author selects a manga from their dashboard. Author initiates the process of adding a new chapter. Author provides details such as title, chapter number, and content. The application associates the new chapter with the selected manga. 		
Alternative Flows:	If the chapter d fill in the require	·	the system prompts the author to





Exceptions:	1.	If there is an issue with uploading chapter content, the system allows the author to retry or choose a different content file.
Requirements:	l	Support for various content formats (images, text) for chapters. Automatic chapter numbering.

USER INTERACTION TRACKING

Na	me of Use Case:	User Interaction Tracking			
	Created By: M. Oskhar Mub		Last Updated By:	M. Oskhar Mub	
	Date Created:	28/1/2	2024	Last Revision Date:	28/1/2024
	Description:	This	use case involve	es tracking user interac	ctions with an author's content.
	Actors:	Auth	or, System		
	Preconditions:	The author is logged into their account.			
	Postconditions:	Author gains insights into user engagement.			t.
	Flow:	2. Author reviews metrics such as views, comments, and ratings for each manga and chapter.3. The application displays user interaction data in a comprehensible			, comments, and ratings for each
	format. Alternative Flows: 1. If there is a sudden spike in user engagement, the system provides			agement, the system provides	
		real-time notifications to the author.			
	Exceptions:	If the analytics data retrieval fails, the system logs the issue for investigation.			
	Requirements:	Real-time updates for user engagement metrics. Historical data tracking for analytics.			





NOTIFICATION MANAGEMENT

Name of Use Case:	Notification Management			
Created By:	M. Oskhar Mub	Last Updated By:	M. Oskhar Mub	
Date Created:	28/1/2024	Last Revision Date:	28/1/2024	
Description:	This use case covers the management of notifications related to user interactions.			
Actors:	Author, System			
Preconditions:	Author can efficiently manage and respond to notifications.			
Postconditions:	Author gains insights into user engagement.			
Flow:	 Author accesses the dashboard's notification center. Author reviews new comments, ratings, or follow notifications. The application allows the author to respond or take relevant actions directly from the dashboard. 			
Alternative Flows:	If the author receives a large number of notifications, the system provides sorting and filtering options.			
Exceptions:	If the notification retrieval fails, the system retries or provides an error message.			
Requirements:	 Support for various notification types (comments, ratings, follows). Bulk actions for efficient notification management. 			





SYSTEM USE CASE

Admin Managing Users

Name of Use Case:	Admin Managing Users		
Created By:	M. Oskhar Mub Last Updated By: M. Oskhar Mub		
Date Created:	28/1/2024	Last Revision Date:	28/1/2024
Description:	This use case involv the system.	es the admin managin	g user accounts and roles within
Actors:	Admin		
Preconditions:	Admin is logged into	the admin dashboard.	
Postconditions:	User accounts and re	oles are successfully n	nanaged.
Flow:	 Admin navigates to the user management section. Admin views a list of all users and their details. Admin has the ability to search for specific users based on username or email. Admin can view and edit user details, including username, email, and role. Admin can deactivate or delete user accounts as needed. 		
Alternative Flows:	If a user account is deactivated, the system retains the user data but restricts login access.		
Exceptions:	If there are errors in editing user details, the system prompts the admin to correct them.		
Requirements:	 The admin must have the authority to view, edit, deactivate, or delete user accounts. Deactivated user accounts should not be able to log in. 		





ADMIN MANAGING AUTHORS

Name of Use Case:	Admin Managing Users				
Created By:	M. Oskhar Mub	Last Updated By:	M. Oskhar Mub		
•					
Date Created:	28/1/2024	Last Revision Date:	28/1/2024		
Description:	This use case involvements and titles.	This use case involves the admin managing author profiles and associated manga titles.			
Actors:	Admin				
Preconditions:	Admin is logged into	the admin dashboard.			
Postconditions:	Author profiles and	manga titles are succes	ssfully managed.		
Flow:	 Admin views at 3. Admin has the or email. Admin can vie biography. Admin can dea 6. Admin can vie 7. Admin has the 	w and edit author detail activate or delete autho w a list of manga titles a ability to edit or delete	heir profiles. ecific authors based on pen name ls, including pen name and r profiles. associated with each author. individual manga titles.		
Alternative Flows:	If an author pr deactivated.	ofile is deactivated, all	associated manga titles are also		
Exceptions:		rors in editing author de	etails or manga titles, the system		
Requirements:		ust have the authority to and associated manga	o view, edit, deactivate, or delete a titles.		





Admin Managing Manga

Name of Use Case:	Admin Managing Manga		
Created By:	M. Oskhar Mub	Last Updated By:	M. Oskhar Mub
•	00/4/0004	-	20/4/2024
Date Created:	28/1/2024	Last Revision Date:	28/1/2024
	T		
Description:	This use case involvuser interactions.	res the admin managing	g manga details, chapters, and
	user interactions.		
Actors:	Admin		
Preconditions:	Admin is logged into	the admin dashboard.	
Postconditions:	Manga details, chap	ters, and user interaction	ons are successfully managed.
Flow:	1. Admin navigat	es to the manga manag	gement section.
		list of all manga titles a	
			ecific manga titles based on title or
	genre.	asimity to obtain 101 op	oomo manga uuoo bassa en uuo e.
		w and edit manga detai	ils, including title, description, and
	cover image.	aa can manga acta	,
		activate or delete mang	a titles.
			h manga and has the ability to edit
	or delete chap		
			ratings for each manga.
			opropriate comments or ban users
	if necessary.	,	
Alternative Flows:	1		ociated chapters, comments, and
	ratings are als	o deactivated.	
Evantions	1 If there are are	ore in aditing manage de	otails or chapters, the system
Exceptions:		dmin to correct them.	etails or chapters, the system
	p 3111p 13 1376		





Requirements:	1.	The admin must have the authority to view, edit, deactivate, or delete
		manga titles, chapters, and user interactions.

ADMIN MANAGING WEB VIEW REPORTS

Name of Use Case:	Admin Managing Web View Reports		
Created By:	M. Oskhar Mub	Last Updated By:	M. Oskhar Mub
Date Created:	28/1/2024	Last Revision Date:	28/1/2024
Description:	This use case involv users.	es the admin managin	g web view reports submitted by
Actors:	Admin, User		
Preconditions:	Admin is logged into	the admin dashboard.	
Postconditions:	Web view reports are	e successfully manage	d.
Flow:	 Admin views a type and descr Admin can sea Admin can view content and sta 	list of all web view repription. Inch for specific reports we the details of each relatus. ability to mark reports	ort management section. orts with details such as report based on manga title or user. port, including the reported as processed or rejected based on
Alternative Flows:		arked as processed, th s content removal or u	ne admin may need to take further ser warning.
Exceptions:	If there are error the admin to co	_	view reports, the system prompts



Central Project: github.com/kreatfqode/api-web-comic

Requirements:	1.	The admin must have the authority to view, process, and manage web
		view reports.

Admin Managing Follows

Name of Use Case:	Admin Managing Follows		
Created By:	M. Oskhar Mub	Last Updated By:	M. Oskhar Mub
Date Created:	28/1/2024	Last Revision Date:	28/1/2024
Description:	This use case involve	es the admin managin	g user follows on authors.
Actors:	Admin, System		
Preconditions:	Admin is logged into	the admin dashboard.	
Postconditions:	Follow relationships	are successfully mana	ged.
Flow:	Admin navigate	es to the follow manage	ement section.
	2. Admin views a	list of all user follows v	vith details such as follower and
	following autho	rs.	
	3. Admin can seal author.	rch for specific follow r	elationships based on user or
	4. Admin has the	ability to view details o	of each follow relationship,
	including times	tamps.	
	5. Admin can dele	ete or modify existing for	ollow relationships if necessary.
Alternative Flows:	If a following rethe last interaction	•	the timestamp is updated to reflect
Exceptions:	If there are error the admin to co	• •	relationships, the system prompts





Requirements:	1.	The admin must have the authority to view, modify, or delete user follow
		relationships.

ADMIN GIVING WARNING TO AUTHOR

Name of Use Case:	Admin Giving Warning to Author			
Created By:	M. Oskhar Mub	Last Updated By:	M. Oskhar Mub	
Date Created:	28/1/2024	Last Revision Date:	28/1/2024	
Description:	Describes the process of an admin issuing a warning to an author for content violations or policy breaches.			
Actors:	Admin, Author			
Preconditions:	Admin is logged into content policies.	the admin dashboard,	and the author has violated	
Postconditions:	The author receives recorded.	a warning notification,	and the admin's action is	
Flow:	breached platform. 2. Admin selects to the selects of the selects. 3. Admin provides the breach. 4. The application.	orm rules. The option to issue a was a clear and detailed ear sends a notification to	explanation of the violation or the author about the warning.	
Alternative Flows:	If the violation is account tempo	•	ay choose to suspend the author's	
Exceptions:	If there are error to correct them		ing, the system prompts the admin	





Requirements:	1.	The warning system should be transparent, providing authors with a
		clear understanding of the violation and potential consequences.

Admin Sending Message to Author

Name of Use Case:	Admin Sending Message to Author			
Created By:	M. Oskhar Mub	Last Updated By:	M. Oskhar Mub	
Date Created:	28/1/2024	Last Revision Date:	28/1/2024	
Description:		Describes the process of an admin sending a direct message to an author for communication purposes.		
Actors:	Admin, Author			
Preconditions:	Admin is logged into communication with		and there is a need for direct	
Postconditions:	The author receives private conversation.		and both parties can engage in a	
Flow:	specific author. 2. Admin chooses 3. Admin compose	the option to send a c	lement section and selects the direct message to the author.	
	instructions. 4. The application of the new com	•	o the author's inbox, notifying them	
Alternative Flows:	Authors can recommunication		iges, creating a threaded	
Exceptions:	If there are error admin to correct	•	sage, the system prompts the	





Central Project: github.com/kreatfqode/api-web-comic

Requirements:	 The messaging system should ensure privacy, and messages should be stored securely for reference purposes.
Sponsor Accepta	NCE
Approved by the Project	Sponsor:
<project sponsor=""></project>	Date:
<project sponsor="" title=""></project>	