

USE CASE DOCUMENT

COMIC/MANGA WEB APPLICATION



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CITY: JAKARTA BARAT

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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 who 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:	KreatifQode	Last Updated By:	M. Oskhar Mub
Date Created:	28/1/2024	Last Revision Date:	28/1/2024
Description:	This use case describes the process of a new user registering on the web comic/manga application.		
Actors:	Guest (New User)		
Preconditions:	The user does not have an existing account.		
Postconditions:	The user's account is successfully created, and they are ready to log in.		
Flow:	<ol style="list-style-type: none">1. User provides a unique username, a valid email, and a secure password.2. The application validates the provided information.3. The user is registered with a default role set as 'User'.4. The system sends a confirmation email to the user.5. User confirms the registration by clicking the link in the confirmation email.		
Alternative Flows:	<ol style="list-style-type: none">1. If the email confirmation link is not clicked within a certain time, the registration may expire, and the user needs to register again.		
Exceptions:	<ol style="list-style-type: none">1. If the email confirmation link is not clicked within a specified time, the registration becomes invalid, and the user must re-register.		
Requirements:	<ol style="list-style-type: none">1. The system must validate the uniqueness of usernames and ensure that email addresses are valid.		



	2. Confirmation emails must be sent securely and promptly.
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USER LEAVING COMMENT

Name of Use Case:	User Leaving Comment		
Created By:	KreatifQode	Last Updated By:	M. Oskhar Mub
Date Created:	28/1/2024	Last Revision Date:	28/1/2024
Description:	This use case illustrates the process where an author adds a new manga to the application.		
Actors:	Author		
Preconditions:	The author is logged into their account.		
Postconditions:	A new manga is successfully added to the author's profile.		
Flow:	<ol style="list-style-type: none">1. Author logs in with valid credentials.2. Author selects the option to add 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:	<ol style="list-style-type: none">1. If the author decides not to complete the manga creation, they can cancel the process.		
Exceptions:	<ol style="list-style-type: none">1. If there are errors in the provided information, the system prompts the author to correct them.		
Requirements:	<ol style="list-style-type: none">1. Authors must have the ability to edit or delete their added manga titles.		



AUTHOR ADDING MANGA

Name of Use Case:	Author Adding Manga		
Created By:	KreatifQode	Last Updated By:	M. Oskhar Mub
Date Created:	28/1/2024	Last Revision Date:	28/1/2024
Description:	Describes the process of a user leaving a comment on a chapter of the manga.		
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:	<ol style="list-style-type: none">1. User navigates to a manga or chapter.2. User decides to leave a comment and enters the content.3. User submits the comment.4. The application associates the comment with the user, manga, and chapter.		
Alternative Flows:	<ol style="list-style-type: none">1. Users can reply to existing comments, creating a threaded discussion.		
Exceptions:	<ol style="list-style-type: none">1. If the comment content is empty, the system prompts the user to enter valid content.		
Requirements:	<ol style="list-style-type: none">1. 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
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Created By:	KreatifQode	Last Updated By:	M. Oskhar Mub
Date Created:	28/1/2024	Last Revision Date:	28/1/2024
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:	<ol style="list-style-type: none">1. User navigates to the manga they want to rate.2. User provides a numerical rating (1 to 5) and an optional review comment.3. User submits the rating.4. The application associates the rating with the user and manga.		
Alternative Flows:	<ol style="list-style-type: none">1. If the user chooses not to leave a review comment, they can skip that part of the process.		
Exceptions:	<ol style="list-style-type: none">1. If the rating input is invalid, the system prompts the user to provide a valid rating.		
Requirements:	<ol style="list-style-type: none">1. The system must validate the numerical rating provided by the user.		

REPORTING INAPPROPRIATE CONTENT

Name of Use Case:	Reporting Inappropriate Content		
Created By:	KreatifQode	Last Updated By:	M. Oskhar Mub
Date Created:	28/1/2024	Last Revision Date:	28/1/2024



Description:	Describes the process of a user reporting inappropriate content or spam.
Actors:	User
Preconditions:	User identifies inappropriate content while using the application.
Postconditions:	A web view report is submitted to the system.
Flow:	<ol style="list-style-type: none">1. User identifies inappropriate content.2. User initiates the report, providing details 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:	<ol style="list-style-type: none">1. Users can select the type of inappropriate content from predefined categories.
Exceptions:	<ol style="list-style-type: none">1. If the report details are incomplete, the system prompts the user to provide all required information.
Requirements:	<ol style="list-style-type: none">1. 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:	KreatifQode	Last Updated By:	M. Oskhar Mub
Date Created:	28/1/2024	Last Revision Date:	28/1/2024
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:	<ol style="list-style-type: none">1. 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:	<ol style="list-style-type: none">1. Users can unfollow an author by clicking an 'Unfollow' button.
Exceptions:	<ol style="list-style-type: none">1. If the user is not logged in, the system prompts them to log in before following an author.
Requirements:	<ol style="list-style-type: none">1. 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:	KreatifQode	Last Updated By:	M. Oskhar Mub
Date Created:	28/1/2024	Last Revision Date:	28/1/2024
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 is successfully bookmarked in the user's profile for future reference.		
Flow:	<ol style="list-style-type: none">1. User navigates to the list of available manga titles.		



	<ol style="list-style-type: none">2. User clicks 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:	<ol style="list-style-type: none">1. If the user accidentally clicks on the "Bookmark" option, they can undo the action by selecting "Remove Bookmark."
Exceptions:	<ol style="list-style-type: none">1. If there is an error in bookmarking the manga, the system prompts the user to try again.
Requirements:	<ol style="list-style-type: none">1. The system must provide a user-friendly interface for managing bookmarked manga titles.2. Users should be able to quickly access their bookmarked titles from their profile.

SYSTEM USE CASE

ADMIN MANAGING USERS

Name of Use Case:	Admin Managing Users		
Created By:	KreatifQode	Last Updated By:	M. Oskhar Mub
Date Created:	28/1/2024	Last Revision Date:	28/1/2024
Description:	This use case involves the admin managing user accounts and roles within the system.		
Actors:	Admin		
Preconditions:	Admin is logged into the admin dashboard.		
Postconditions:	User accounts and roles are successfully managed.		
Flow:	<ol style="list-style-type: none">1. Admin navigates to the user management section.2. Admin views a list of all users and their details.		



	<ol style="list-style-type: none">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:	<ol style="list-style-type: none">If a user account is deactivated, the system retains the user data but restricts login access.
Exceptions:	<ol style="list-style-type: none">If there are errors in editing user details, the system prompts the admin to correct them.
Requirements:	<ol style="list-style-type: none">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:	KreatifQode	Last Updated By:	M. Oskhar Mub
Date Created:	28/1/2024	Last Revision Date:	28/1/2024
Description:	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 successfully managed.		
Flow:	<ol style="list-style-type: none">Admin navigates to the author management section.Admin views a list of all authors and their profiles.		



	<ol style="list-style-type: none">Admin has the ability to search for specific authors based on pen name or email.Admin can view and edit author details, including pen name and biography.Admin can deactivate or delete author profiles.Admin can view a list of manga titles associated with each author.Admin has the ability to edit or delete individual manga titles.
Alternative Flows:	<ol style="list-style-type: none">If an author profile is deactivated, all associated manga titles are also deactivated.
Exceptions:	<ol style="list-style-type: none">If there are errors in editing author details or manga titles, the system prompts the admin to correct them.
Requirements:	<ol style="list-style-type: none">The admin must have the authority to view, edit, deactivate, or delete author profiles and associated manga titles.

ADMIN MANAGING MANGA

Name of Use Case:	Admin Managing Manga		
Created By:	KreatifQode	Last Updated By:	M. Oskhar Mub
Date Created:	28/1/2024	Last Revision Date:	28/1/2024
Description:	This use case involves the admin managing manga details, chapters, and user interactions.		
Actors:	Admin		
Preconditions:	Admin is logged into the admin dashboard.		
Postconditions:	Manga details, chapters, and user interactions are successfully managed.		
Flow:	<ol style="list-style-type: none">Admin navigates to the manga management section.		



	<ol style="list-style-type: none">Admin views a list of all manga titles and their details.Admin has the ability to search for specific manga titles based on title or genre.Admin can view and edit manga details, including title, description, and cover image.Admin can deactivate or delete manga titles.Admin views a list of chapters for each manga and has the ability to edit or delete chapters.Admin can view user comments and ratings for each manga.Admin has the authority to delete inappropriate comments or ban users if necessary.
Alternative Flows:	<ol style="list-style-type: none">If a manga title is deactivated, all associated chapters, comments, and ratings are also deactivated.
Exceptions:	<ol style="list-style-type: none">If there are errors in editing manga details or chapters, the system prompts the admin to correct them.
Requirements:	<ol style="list-style-type: none">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:	KreatifQode	Last Updated By:	M. Oskhar Mub
Date Created:	28/1/2024	Last Revision Date:	28/1/2024
Description:	This use case involves the admin managing web view reports submitted by users.		
Actors:	Admin		



Preconditions:	Admin is logged into the admin dashboard.
Postconditions:	Web view reports are successfully managed.
Flow:	<ol style="list-style-type: none">1. Admin navigates to the web view report management section.2. Admin views a list of all web view reports with details such as report type and description.3. Admin can search for specific reports based on manga title or user.4. Admin can view the details of each report, including the reported content and status.5. Admin has the ability to mark reports as processed or rejected based on the investigation.
Alternative Flows:	<ol style="list-style-type: none">1. If a report is marked as processed, the admin may need to take further actions such as content removal or user warning.
Exceptions:	<ol style="list-style-type: none">1. If there are errors in processing web view reports, the system prompts the admin to correct them.
Requirements:	<ol style="list-style-type: none">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:	KreatifQode	Last Updated By:	M. Oskhar Mub
Date Created:	28/1/2024	Last Revision Date:	28/1/2024
Description:	This use case involves the admin managing user follows on authors.		
Actors:	Admin		



Preconditions:	Admin is logged into the admin dashboard.
Postconditions:	Follow relationships are successfully managed.
Flow:	<ol style="list-style-type: none">1. Admin navigates to the follow management section.2. Admin views a list of all user follows with details such as follower and following authors.3. Admin can search for specific follow relationships based on user or author.4. Admin has the ability to view details of each follow relationship, including timestamps.5. Admin can delete or modify existing follow relationships if necessary.
Alternative Flows:	<ol style="list-style-type: none">1. If a following relationship is modified, the timestamp is updated to reflect the last interaction.
Exceptions:	<ol style="list-style-type: none">1. If there are errors in managing follow relationships, the system prompts the admin to correct them.
Requirements:	<ol style="list-style-type: none">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:	KreatifQode	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 the admin dashboard, and the author has violated content policies.
Postconditions:	The author receives a warning notification, and the admin's action is recorded.
Flow:	<ol style="list-style-type: none">1. Admin identifies a specific author who has violated content policies or breached platform rules.2. Admin selects the option to issue a warning to the author.3. Admin provides a clear and detailed explanation of the violation or breach.4. The application sends a notification to the author about the warning.
Alternative Flows:	<ol style="list-style-type: none">1. If the violation is severe, the admin may choose to suspend the author's account temporarily.
Exceptions:	<ol style="list-style-type: none">1. If there are errors in issuing the warning, the system prompts the admin to correct them.
Requirements:	<ol style="list-style-type: none">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:	KreatifQode	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 the admin dashboard, and there is a need for direct communication with the author.
Postconditions:	The author receives the admin's message, and both parties can engage in a private conversation.
Flow:	<ol style="list-style-type: none">1. Admin navigates to the author management section and selects the specific author.2. Admin chooses the option to send a direct message to the author.3. Admin composes the message, providing necessary details or instructions.4. The application sends the message to the author's inbox, notifying them of the new communication.
Alternative Flows:	<ol style="list-style-type: none">1. Authors can respond to admin messages, creating a threaded communication history.
Exceptions:	<ol style="list-style-type: none">1. If there are errors in sending the message, the system prompts the admin to correct them.
Requirements:	<ol style="list-style-type: none">1. The messaging system should ensure privacy, and messages should be stored securely for reference purposes.

SPONSOR ACCEPTANCE

Approved by the Project Sponsor:

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