

## 1. Manage Access

Use Case	Manage Access			
Summary	User continues as a guest or creates an account.			
Actor	Guest			
Precondition	An account with the same information does not exist.			
Postcondition	The guest view is accessed or an account is created.			
Base Sequence	<table><tr><td>SCENARIO A.  CONTINUE AS A GUEST</td><td>A.1. User chooses to continue as a guest without creating an account.  A.2. System displays the guest view.</td></tr></table>		SCENARIO A.  CONTINUE AS A GUEST	A.1. User chooses to continue as a guest without creating an account.  A.2. System displays the guest view.
	SCENARIO A.  CONTINUE AS A GUEST	A.1. User chooses to continue as a guest without creating an account.  A.2. System displays the guest view.		
<table><tr><td>SCENARIO B.  CREATE AN ACCOUNT</td><td>B.1. User enters an email, username, password and confirmation of the password.  B.2. User approves the data entered.  B.3. System validates the given data. [ALT1]  B.4. System creates the account and saves the changes.  B.5. System allows access to the account and displays the member view.</td></tr></table>		SCENARIO B.  CREATE AN ACCOUNT	B.1. User enters an email, username, password and confirmation of the password.  B.2. User approves the data entered.  B.3. System validates the given data. [ALT1]  B.4. System creates the account and saves the changes.  B.5. System allows access to the account and displays the member view.	
SCENARIO B.  CREATE AN ACCOUNT	B.1. User enters an email, username, password and confirmation of the password.  B.2. User approves the data entered.  B.3. System validates the given data. [ALT1]  B.4. System creates the account and saves the changes.  B.5. System allows access to the account and displays the member view.			
Alternative Sequence	<p>[*ALT0] The process can be cancelled in all steps with user interaction. Use case ends.</p> <p>[ALT1] If the user did not enter any data, the data is incorrect, or an account with the same username already exists in the system, the process cannot be performed and a message will be displayed.</p>			
Note	This use case covers requirements: 12, 13			

## 2. View Recipes

Use Case	View Recipes					
Summary	Search for a recipe using title or ingredients.					
Actor	Guest/Member/Administrator					
Precondition	System contains recipes.					
Postcondition	All the corresponding recipes have been displayed.					
Base Sequence	<div>1. System displays the list of all recipes from the system.</div> <table><tr><td>SCENARIO A.  SEARCHING WITH THE GIVEN DETAILS</td><td>A.1 User enters the title or selects the ingredients from the ingredients list.  A.2. System displays a list of recipes which contain the given details [ALT1].</td></tr></table> <div>2. User selects a recipe from the list.</div> <div>3. System shows the recipe's details (title, author, ingredients and description).</div> <table><tr><td>SCENARIO B.  MULTIPLY</td><td>B.1. User enters the ratio of ingredients he wants to use.  B.2. System calculates the amount of each ingredient by multiplying it with the given ratio.  B.3. System displays the new amounts of ingredients.</td></tr></table>		SCENARIO A.  SEARCHING WITH THE GIVEN DETAILS	A.1 User enters the title or selects the ingredients from the ingredients list.  A.2. System displays a list of recipes which contain the given details [ALT1].	SCENARIO B.  MULTIPLY	B.1. User enters the ratio of ingredients he wants to use.  B.2. System calculates the amount of each ingredient by multiplying it with the given ratio.  B.3. System displays the new amounts of ingredients.
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SCENARIO B.  MULTIPLY	B.1. User enters the ratio of ingredients he wants to use.  B.2. System calculates the amount of each ingredient by multiplying it with the given ratio.  B.3. System displays the new amounts of ingredients.					
Alternative Sequence	<div>[*ALT0] The process can be cancelled in all steps with user interaction. Use case ends.</div> <div>[ALT1] If there are no recipes in the system that match the given details, an empty list is displayed.</div>					
Note	This use case covers requirements: 1, 2, 3, 4, 20, 23					

### 3. Manage Member's Recipes

Use Case	Manage Member's Recipes	
Summary	Add, edit and remove a recipe.	
Actor	Member	
Precondition	The member is logged in.	
Postcondition	The recipe has been added, edited, removed, added or removed from favourites or is given a rate.	
Base Sequence	SCENARIO A.  ADD	A.1. User enters a title, the ingredients with their amounts and a description of a recipe. A.2. User approves the data entered. A.3. System validates data. [ALT1] A.4. System adds a new recipe with the given data to the list of recipes. A.5. System displays the approval message.
	SCENARIO B.  EDIT	B.1. System displays the list of recipes made by the user. [ALT2] B.2. User selects a recipe from the list. B.3. System shows the recipe's details (title, ingredients and description). B.4. User enters new data. B.5. User approves the data entered. B.6. System displays a confirmation message. B.7. User confirms the action. [ALT3] B.8. System validates data. [ALT1] B.9. System displays the approval message.

	<table border="1"> <tr> <td data-bbox="414 205 654 726"> <p>SCENARIO C.</p> <p>REMOVE</p> </td><td data-bbox="654 205 1414 726"> <p>C.1. System displays the list of recipes made by the user. [ALT2]</p> <p>C.2. User selects a recipe from the list.</p> <p>C.3. System shows the recipe's details (title, ingredients and description).</p> <p>C.4. User chooses to remove the recipe.</p> <p>C.5. System displays a confirmation message.</p> <p>C.6. User confirms the action. [ALT3]</p> <p>C.7. System removes the recipe from the list.</p> <p>C.8. System displays the approval message.</p> </td></tr> </table>	<p>SCENARIO C.</p> <p>REMOVE</p>	<p>C.1. System displays the list of recipes made by the user. [ALT2]</p> <p>C.2. User selects a recipe from the list.</p> <p>C.3. System shows the recipe's details (title, ingredients and description).</p> <p>C.4. User chooses to remove the recipe.</p> <p>C.5. System displays a confirmation message.</p> <p>C.6. User confirms the action. [ALT3]</p> <p>C.7. System removes the recipe from the list.</p> <p>C.8. System displays the approval message.</p>
<p>SCENARIO C.</p> <p>REMOVE</p>	<p>C.1. System displays the list of recipes made by the user. [ALT2]</p> <p>C.2. User selects a recipe from the list.</p> <p>C.3. System shows the recipe's details (title, ingredients and description).</p> <p>C.4. User chooses to remove the recipe.</p> <p>C.5. System displays a confirmation message.</p> <p>C.6. User confirms the action. [ALT3]</p> <p>C.7. System removes the recipe from the list.</p> <p>C.8. System displays the approval message.</p>		
	<table border="1"> <tr> <td data-bbox="414 747 654 1146"> <p>SCENARIO D.</p> <p>RATE</p> </td><td data-bbox="654 747 1414 1146"> <p>D.1. System displays the list of all recipes. [ALT2]</p> <p>D.2. User selects a recipe from the list.</p> <p>D.3. System shows the recipe's details (title, author, ingredients and description).</p> <p>D.4. User chooses a number to rate the recipe.</p> <p>D.5. User submits the action.</p> <p>D.6. System displays the approval message.</p> </td></tr> </table>	<p>SCENARIO D.</p> <p>RATE</p>	<p>D.1. System displays the list of all recipes. [ALT2]</p> <p>D.2. User selects a recipe from the list.</p> <p>D.3. System shows the recipe's details (title, author, ingredients and description).</p> <p>D.4. User chooses a number to rate the recipe.</p> <p>D.5. User submits the action.</p> <p>D.6. System displays the approval message.</p>
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	<table border="1"> <tr> <td data-bbox="414 1167 654 1514"> <p>SCENARIO E.</p> <p>ADD TO FAVOURITES</p> </td><td data-bbox="654 1167 1414 1514"> <p>E.1. System displays the list of all recipes. [ALT2]</p> <p>E.2. User selects a recipe from the list.</p> <p>E.3. System shows the recipe's details (title, author, ingredients and description).</p> <p>E.4. User adds the recipe to favourites.</p> <p>E.5. System displays the approval message.</p> </td></tr> </table>	<p>SCENARIO E.</p> <p>ADD TO FAVOURITES</p>	<p>E.1. System displays the list of all recipes. [ALT2]</p> <p>E.2. User selects a recipe from the list.</p> <p>E.3. System shows the recipe's details (title, author, ingredients and description).</p> <p>E.4. User adds the recipe to favourites.</p> <p>E.5. System displays the approval message.</p>
<p>SCENARIO E.</p> <p>ADD TO FAVOURITES</p>	<p>E.1. System displays the list of all recipes. [ALT2]</p> <p>E.2. User selects a recipe from the list.</p> <p>E.3. System shows the recipe's details (title, author, ingredients and description).</p> <p>E.4. User adds the recipe to favourites.</p> <p>E.5. System displays the approval message.</p>		
	<table border="1"> <tr> <td data-bbox="414 1535 654 1829"> <p>SCENARIO F.</p> <p>REMOVE FROM FAVOURITES</p> </td><td data-bbox="654 1535 1414 1829"> <p>F.1. System displays the list of all favourite recipes. [ALT2]</p> <p>F.2. User selects a recipe from the list.</p> <p>F.3. System shows the recipe's details (title, author, ingredients and description).</p> </td></tr> </table>	<p>SCENARIO F.</p> <p>REMOVE FROM FAVOURITES</p>	<p>F.1. System displays the list of all favourite recipes. [ALT2]</p> <p>F.2. User selects a recipe from the list.</p> <p>F.3. System shows the recipe's details (title, author, ingredients and description).</p>
<p>SCENARIO F.</p> <p>REMOVE FROM FAVOURITES</p>	<p>F.1. System displays the list of all favourite recipes. [ALT2]</p> <p>F.2. User selects a recipe from the list.</p> <p>F.3. System shows the recipe's details (title, author, ingredients and description).</p>		

	<table border="1"> <tr> <td></td><td> F.4. User removes the recipe from favourites.  F.5. System displays the approval message. </td></tr> </table> 1. System saves the changes.		F.4. User removes the recipe from favourites. F.5. System displays the approval message.
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Alternative Sequence	[*ALT0] The process can be cancelled in all steps with user interaction. Use case ends.  [ALT1] If the user did not enter any data or did not insert any ingredient, the process cannot be performed and a message will be displayed.  [ALT2] If the list does not contain any recipe, an empty list will be displayed.  [ALT3] If the user does not confirm the action, the process is cancelled.		
Note	This use case covers requirements: 5, 6, 7, 9, 16, 17, 18, 19		

#### 4. Log in

Use Case	Log in
Summary	User logs in to the account.
Actor	Member/Administrator
Precondition	User has an already existing account.
Postcondition	User is logged in and the account is accessed.
Base Sequence	<ol style="list-style-type: none"> <li>1. User enters the username and password.</li> <li>2. User approves the data entered.</li> <li>3. System validates the given username and password. [ALT1]</li> <li>4. System allows access to the account.</li> </ol>

Alternative Sequence	<p>[*ALT0] The process can be cancelled in all steps with user interaction. Use case ends.</p> <p>[ALT1] If the user provides empty or invalid data, a disapproval message is displayed and the access is denied.</p>
Note	This use case covers requirements: 11, 14

## 5. Manage Member's Account

Use Case	Manage Member's Account	
Summary	Editing account's information or deleting it.	
Actor	Member	
Precondition	The account exists and the member is logged in.	
Postcondition	Member's information has changed.	
Base Sequence		
	SCENARIO A.  EDIT EMAIL	A.1. User provides a new email. A.2. User approves the data entered. A.3. System displays a confirmation message. A.4. User confirms the action. [ALT2] A.5. System validates the given email. [ALT1] A.6. System saves the changes.
	SCENARIO B.  EDIT PASSWORD	B.1. User provides a new password. B.2. User approves the data entered. B.3. System displays a confirmation message. B.4. User confirms the action. [ALT2] B.5. System validates the given password. [ALT1] B.6. System saves the changes.
	SCENARIO C.  DELETE ACCOUNT	C.1. User chooses to delete the account. C.2. System displays a confirmation message. C.3. User confirms the action. [ALT2] C.4. System deletes the account and saves the changes. C.5. System logs out the member.

Alternative Sequence	<p>[*ALT0] The process can be cancelled in all steps with user interaction. Use case ends.</p> <p>[ALT1] If the user provides invalid data the message with the information is displayed.</p> <p>[ALT2] If the user does not confirm the removal, the action is cancelled.</p>
Note	This use case covers requirements: 21, 22

## 6. Administrate Recipes

Use Case	Administrate Recipes			
Summary	Add, edit and remove a recipe.			
Actor	Administrator			
Precondition	The administrator is logged in.			
Postcondition	The recipe has been added, edited or removed.			
Base Sequence	<table><tr><td>SCENARIO A.  ADD</td><td>A.1. The administrator enters the title, ingredients and the description of a recipe. A.2. Approve the data entered. A.3. System validates data. [ALT1] A.4. System adds a new recipe with the given data to the list of recipes and saves the changes. A.5. System displays the approval message.</td></tr></table>		SCENARIO A.  ADD	A.1. The administrator enters the title, ingredients and the description of a recipe. A.2. Approve the data entered. A.3. System validates data. [ALT1] A.4. System adds a new recipe with the given data to the list of recipes and saves the changes. A.5. System displays the approval message.
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	<table border="1"> <tr> <td data-bbox="422 205 646 688"></td><td data-bbox="646 205 1422 688"> <p>and description).</p> <p>B.4. The administrator enters new data.</p> <p>B.5. The administrator approves the data entered.</p> <p>B.6.. System displays a confirmation message.</p> <p>B.7. The administrator confirms the action. [ALT3]</p> <p>B.8. System validates data. [ALT1]</p> <p>B.7. System changes the recipe's data and saves the changes.</p> <p>B.8. System displays the approval message.</p> </td></tr> <tr> <td data-bbox="422 720 646 1308"> <p>SCENARIO C.</p> <p>REMOVE</p> </td><td data-bbox="646 720 1422 1308"> <p>C.1. System displays the list of all recipes made by everyone. [ALT2]</p> <p>C.2. The administrator selects a recipe from the list.</p> <p>C.3. System shows the recipe's details (title, ingredients and description).</p> <p>C.4. The administrator chooses to delete the recipe.</p> <p>C.5. System displays a confirmation message.</p> <p>C.6. The administrator confirms the action. [ALT3]</p> <p>C.7. System removes the recipe from the list and saves the changes.</p> <p>C.8. System displays the approval message.</p> </td></tr> </table>		<p>and description).</p> <p>B.4. The administrator enters new data.</p> <p>B.5. The administrator approves the data entered.</p> <p>B.6.. System displays a confirmation message.</p> <p>B.7. The administrator confirms the action. [ALT3]</p> <p>B.8. System validates data. [ALT1]</p> <p>B.7. System changes the recipe's data and saves the changes.</p> <p>B.8. System displays the approval message.</p>	<p>SCENARIO C.</p> <p>REMOVE</p>	<p>C.1. System displays the list of all recipes made by everyone. [ALT2]</p> <p>C.2. The administrator selects a recipe from the list.</p> <p>C.3. System shows the recipe's details (title, ingredients and description).</p> <p>C.4. The administrator chooses to delete the recipe.</p> <p>C.5. System displays a confirmation message.</p> <p>C.6. The administrator confirms the action. [ALT3]</p> <p>C.7. System removes the recipe from the list and saves the changes.</p> <p>C.8. System displays the approval message.</p>
	<p>and description).</p> <p>B.4. The administrator enters new data.</p> <p>B.5. The administrator approves the data entered.</p> <p>B.6.. System displays a confirmation message.</p> <p>B.7. The administrator confirms the action. [ALT3]</p> <p>B.8. System validates data. [ALT1]</p> <p>B.7. System changes the recipe's data and saves the changes.</p> <p>B.8. System displays the approval message.</p>				
<p>SCENARIO C.</p> <p>REMOVE</p>	<p>C.1. System displays the list of all recipes made by everyone. [ALT2]</p> <p>C.2. The administrator selects a recipe from the list.</p> <p>C.3. System shows the recipe's details (title, ingredients and description).</p> <p>C.4. The administrator chooses to delete the recipe.</p> <p>C.5. System displays a confirmation message.</p> <p>C.6. The administrator confirms the action. [ALT3]</p> <p>C.7. System removes the recipe from the list and saves the changes.</p> <p>C.8. System displays the approval message.</p>				
<p>Alternative Sequence</p>	<p>[*ALT0] The process can be cancelled in all steps with user interaction. Use case ends.</p> <p>[ALT1] If the administrator did not enter any data or did not insert any ingredient, the process cannot be performed and a message will be displayed.</p> <p>[ALT2] If the list does not contain any recipe, an empty list will be displayed.</p> <p>[ALT3] If the administrator does not confirm the action, the process is cancelled.</p>				

Note	This use case covers requirements: 5, 6, 8, 10, 11
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## 7. Administrate Accounts

Use Case	Administrate Accounts
Summary	Removing members' accounts.
Actor	Administrator
Precondition	The administrator is logged in and members' accounts exist.
Postcondition	A member's account has been deleted.
Base Sequence	<ol style="list-style-type: none"><li>1. The administrator chooses an account from the list.</li><li>2. System displays the account's information.</li><li>3. The administrator chooses to delete the account.</li><li>4. System displays a confirmation message.</li><li>5. The administrator confirms the action. [ALT1]</li><li>6. System deletes the account and saves the changes. [ALT2]</li></ol>
Alternative Sequence	<p>[*ALT0] The process can be cancelled in all steps with user interaction. Use case ends.</p> <p>[ALT1] If the administrator does not confirm the removal, the action is cancelled.</p> <p>[ALT2] If the member whose account has been deleted is logged in, a message is displayed and the member is logged out of the system.</p>
Note	This use case covers requirements: 11, 15