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**Group 1**

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**Foodaholic  
Use-Case Specification**

**Version 1.2**

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## Revision History

Date	Version	Description	Author
10/Jun/22	1.0	Initial Draft	Phan Tuấn Khải Lê Đăng Khoa Nguyễn Thiện Nhân Lê Trọng Anh Tú
27/Jun/22	1.1	Update Use-case Model	Nguyễn Thiện Nhân
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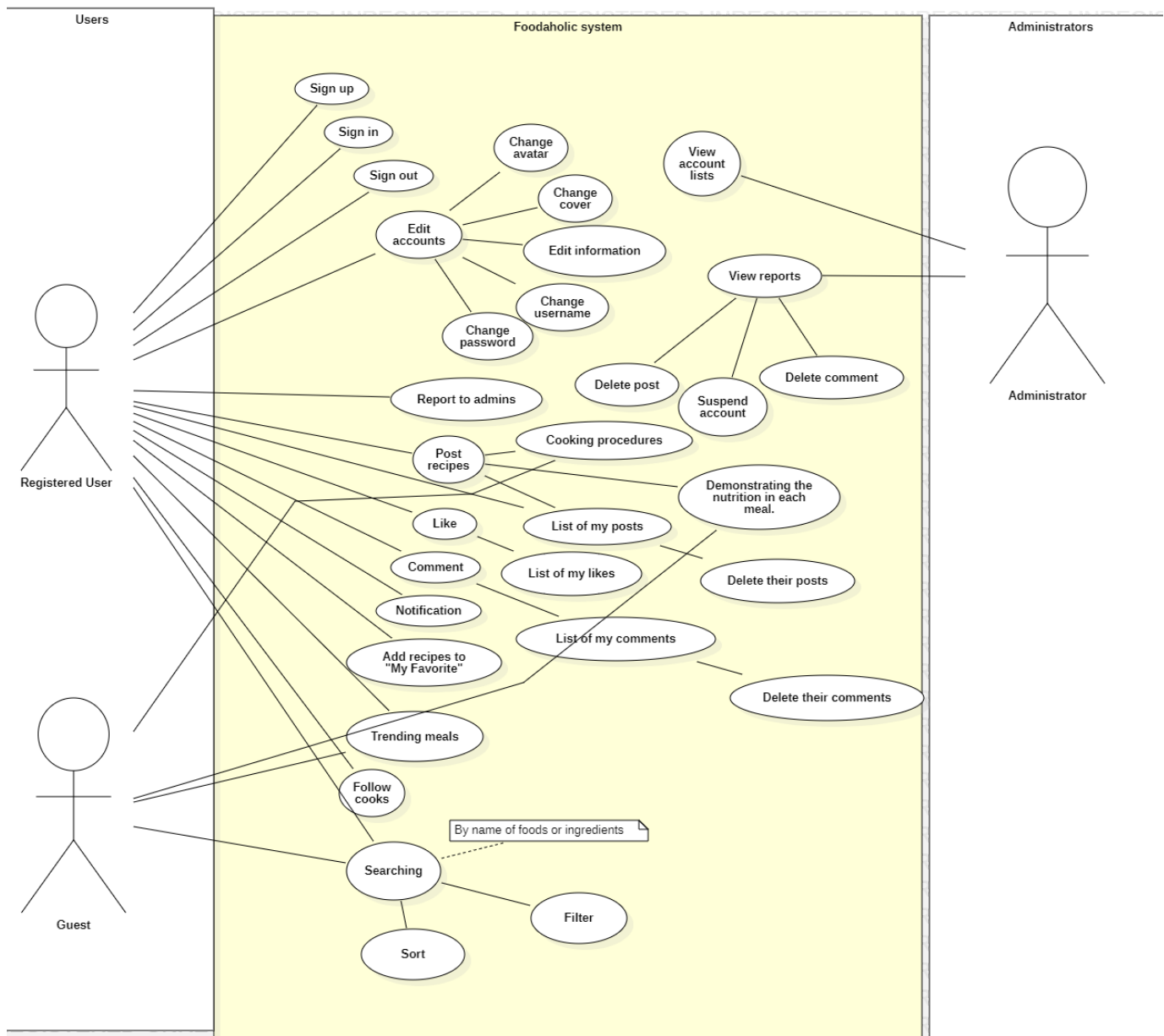
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## 1. Use-case Model



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## 2. Use-case Specifications

### 2.1 Use-case: Sign in

Use case Name	Sign in
Brief description	This use case describes how to sign in to the system. Therefore you can like, comment in any posted recipes
Actors	Registered user
Basic Flow	<ol style="list-style-type: none"> <li>1. Successfully access to our website (The domain of website will be announced later)</li> <li>2. In the homepage, user clicks 'Sign in'</li> <li>3. System shows the sign in page</li> <li>4. User inputs username and password</li> <li>5. After that, user clicks 'Sign in' in sign in page</li> <li>6. System checks if it's an available account</li> <li>7. System notices that 'Sign in successfully', moves to homepage with this account</li> </ol>
Alternative Flows	<p><b>Alternative flow 1: '404 Error'</b></p> <ol style="list-style-type: none"> <li>1. In #1, this user can't access our website (Our website is maintained, this domain is not available...)</li> </ol> <p><b>Alternative flow 2:</b></p> <ol style="list-style-type: none"> <li>1. In #5, user can press 'Enter' in user's keyboard instead click 'Sign in' in sign in page</li> </ol> <p><b>Alternative flow 3: Sign in unsuccessfully</b></p> <ol style="list-style-type: none"> <li>1. In #6, if the account user input doesn't exist in the system, system will notice 'Sign in unsuccessfully because of wrong username or password'</li> <li>2. The system will move to sign in page for user to input again</li> </ol> <p><b>Alternative flow 4: Avoid spamming password</b></p> <ol style="list-style-type: none"> <li>1. In #5 and #6, if the user signs in and fails greater than or equal to 5 times, the system will show captcha to avoid spamming password to hack this account.</li> </ol> <p><b>Alternative flow 5: No information in username or password (or both)</b></p> <ol style="list-style-type: none"> <li>1. System will notify "Please fill in this field"</li> </ol>
Pre-conditions	<ul style="list-style-type: none"> <li>- User must access successfully to the system (No 404 ERROR)</li> <li>- User must have an account in the system</li> </ul>
Post-conditions	The user successfully signs in and can like, comment in any post. User can also post recipes to everyone

### 2.2 Use-case: Sign up (Register)

Use case Name	Sign up
Brief description	This use case describes how to register to the system. Then the user will then have full access to all of the registered user's features.
Actors	Guest user
Basic Flow	<ol style="list-style-type: none"> <li>1. Successfully access to our website (The domain of website will be announced later)</li> <li>2. In the homepage, user click 'Sign in'</li> <li>3. Rather than logging in, the user presses the "Create new account" button.</li> <li>4. System shows the 'Sign up' screen</li> </ol>

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	<ol style="list-style-type: none"> <li>5. User inputs Surname, First name, username, password and Re-enter password, email, phone number, address, date of birth. (password is a combination of at least six numbers, letters and punctuation marks such as ! and &amp;).</li> <li>6. After that, user click 'Sign up' button in page</li> <li>7. System checks if this account is valid (all five fields are valid).</li> <li>8. System notices that 'Sign up successfully', move to homepage with this account</li> </ol>
Alternative Flows	<p><b>Alternative flow 1: 'One of the required fields is blank'</b></p> <ol style="list-style-type: none"> <li>1. If missing <b>Surname</b> or <b>First name</b>, system will display notifications "Please enter your surname" and "Please enter your first name"</li> <li>2. If missing <b>username</b>, system will display notifications "Please enter username"</li> <li>3. If missing <b>password</b> or <b>Re-enter password</b>, system will display notifications "Please enter password"</li> <li>4. In #5, all the other information (email, phone number, address, date of birth) must be filled in to sign up. If there is a blank among, the system will ask to fill in blank for the data.</li> </ol> <p><b>Alternative flow 2: "Invalid character in Surname or First name"</b></p> <ol style="list-style-type: none"> <li>1. Invalid character such as number, punctuation marks or a character that is not alphabetic</li> <li>2. Then system will display notifications "Invalid username"</li> </ol> <p><b>Alternative flow 3: "Invalid character in username"</b></p> <ol style="list-style-type: none"> <li>1. Invalid character in username is a character that is not an alphabetic or numeric character.</li> <li>2. The system will move to sign in page for user to input again</li> </ol> <p><b>Alternative flow 4: "Username already exists"</b></p> <ol style="list-style-type: none"> <li>1. In #5, if username is already used by another account, system will display notifications "Username already exists, try another username"</li> </ol> <p><b>Alternative flow 5: "Password and Re-enter password field does not match"</b></p> <ol style="list-style-type: none"> <li>1. System will display notifications "The entered passwords do not match. Try again."</li> </ol> <p><b>Alternative flow 6: "Invalid password format"</b></p> <ol style="list-style-type: none"> <li>1. The input password must be a combination of at least six alphabetical characters and numbers, and at least one special character such as !,&amp;*</li> <li>2. If the input password is invalid, the system will alert to re-enter the password</li> </ol> <p><b>Alternative flow 7: "Press Enter"</b></p> <ol style="list-style-type: none"> <li>1. In #6, user can press 'Enter' in user's keyboard instead click 'Sign up' button</li> </ol>
Pre-conditions	<ul style="list-style-type: none"> <li>• User must access successfully to the system (No 404 ERROR)</li> </ul>
Post-conditions	Users will then have full access to all of the registered user's features.

### 2.3 Use-case: Edit information

Use case Name	Edit information
Brief description	This use case describes how to edit information in your account. Therefore you can update

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	your information and leave the contact methods such as email, phone number...
Actors	Registered user
Basic Flow	<ol style="list-style-type: none"> <li>1. Sign in successfully to the system (Use-case specification about 'Sign in' is described in section 2.1)</li> <li>2. In the homepage, click the avatar of this account in the upper right corner</li> <li>3. The system will show the list of account's features like sign out, change information, list of my posts...</li> <li>4. User click 'Edit information'</li> <li>5. System show the edit information page</li> <li>6. User input some information that need to update/change or create</li> <li>7. User click 'Completed' to complete edit information process</li> <li>8. System notice 'Edit information successfully', update information of this account and move to homepage</li> </ol>
Alternative Flows	<p><b>Alternative flow 1: Unique information</b></p> <ol style="list-style-type: none"> <li>1. In #6, user inputs information that matches with other users like email, phone number... So the system can't edit information and notice users like "Email is used. Please type another email"</li> </ol> <p><b>Alternative flow 2:</b></p> <ol style="list-style-type: none"> <li>1. In #7, user can press 'Enter' instead of click 'Completed' to complete edit information process</li> </ol> <p><b>Alternative flow 3:</b></p> <ol style="list-style-type: none"> <li>1. In #7, if the user suddenly disconnect from the Internet before saving, the old version of information will be kept.</li> </ol>
Pre-conditions	User must sign in successfully to the website
Post-conditions	Update user's information based on what user inputs in change information page

## 2.4 Use-case: Change avatar (Profile picture)

Use case Name	Change avatar
Brief description	This use case describes how users can change their profile picture.
Actors	Registered user
Basic Flow	<ol style="list-style-type: none"> <li>1. Sign in successfully to the system (Use-case specification about 'Sign in' is described in section 2.1)</li> <li>2. In the homepage, click the avatar of this account in the upper right corner</li> <li>3. The system will show the list of account's features like sign out, change information, list of my posts...</li> <li>4. Users click 'Edit information'</li> <li>5. System shows the edit information page</li> <li>6. User clicks on the avatar again and selects "change profile picture"</li> <li>7. The popup for Avatar Update appears.</li> <li>8. The user can either upload photos or choose from the system's existing images.</li> <li>9. The user will be shown a demonstration by the system.</li> <li>10. If the users accept, they can click "save avatar", which will be replaced in a few minutes.</li> </ol>
Alternative Flows	<p><b>Alternative flow 1:</b></p> <ol style="list-style-type: none"> <li>1. When user click on button "Edit information" and an error occurs, nothing further will be done.</li> </ol> <p><b>Alternative flow 2:</b></p> <ol style="list-style-type: none"> <li>1. In #10, if the new avatar cannot be saved, the alert will appear, no update will be established, and the old picture will be kept until you try again later.</li> </ol>

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	<p><b>Alternative flow 3:</b></p> <ol style="list-style-type: none"> <li>1. If there is not any avatar picture chosen, your avatar will remain as the anonymous image in default until you change your avatar.</li> <li>2. You can click “Change Avatar” to upload your first avatar.</li> </ol> <p><b>Alternative flow 4:</b></p> <ol style="list-style-type: none"> <li>1. In #6, if you choose “Delete Avatar” instead of “Change Profile Picture”, the current avatar will be deleted and your avatar will be replaced by the anonymous image.</li> <li>2. “Delete Cover” can only be used when there is a cover image in your account.</li> </ol> <p><b>Alternative flow 5: ‘User chooses a file with the wrong extension or too big’</b></p> <ol style="list-style-type: none"> <li>1. Valid extensions include JPG, PNG, JPEG. If user chooses a file with the wrong extension, system will display notifications “Unable to upload chosen image. The extension must be in JPG, PNG, JPEG format.”</li> <li>2. Limit size is 4MB. If user chooses a file the size more than 4MB, system will alert “The file size is too big! Please choose image less than 4MB size”</li> </ol> <p><b>Alternative flow 6: “User click ‘X’ button”</b></p> <ol style="list-style-type: none"> <li>1. Before #8, if user clicks X button in the upper right corner. It will close the Avatar Update popup without display notifications.</li> <li>2. After #8, system will display notifications “Are you sure you want to discard the changes? The avatar you just selected will not be saved” <ul style="list-style-type: none"> <li>• If user click “Discard”, Avatar update popup will be closed and profile picture will not be saved</li> <li>• If user click “Cancel”, notification will be closed, continue step #9</li> </ul> </li> </ol>
Pre-conditions	<ul style="list-style-type: none"> <li>• User must access successfully to the system (No 404 ERROR)</li> <li>• User must sign in successfully to the website</li> </ul>
Post-conditions	Your avatar will be uploaded and everyone will see your avatar when you post or click into your profile (including Guest - who doesn’t have an account).

## 2.5 Use-case: Change password

Use case Name	Change password
Brief description	This use case describes how to change the password of your account. Therefore you can protect your account, avoid leaking your own password
Actors	Registered user
Basic Flow	<ol style="list-style-type: none"> <li>1. Sign in successfully to the system (Use-case specification about ‘Sign in’ is described in section 2.1)</li> <li>2. In the homepage, click the avatar of this account in the upper right corner</li> <li>3. The system will show the list of account’s features like sign out, change information, change password, list of my posts...</li> <li>4. User click ‘Change password’</li> <li>5. System show the change password page</li> <li>6. User enter old password to verify again to do this feature</li> <li>7. User enter new password and re-enter new password</li> <li>8. User click ‘Completed’</li> <li>9. System will update new password for user’s account</li> <li>10. System log out all accounts which is active and turn back to Sign in page</li> </ol>
Alternative Flows	<p><b>Alternative flow 1:</b></p> <ol style="list-style-type: none"> <li>1. In #6, if the old password which is entered by user doesn’t match with current password of this account, system will notice that ‘Wrong password’ and let the user type again</li> <li>2. If the user fail on verifying old password greater than or equal to 5 times, the</li> </ol>



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	<p>system will send email to notice that someone is trying to change your password</p> <p><b>Alternative flow 2:</b></p> <ol style="list-style-type: none"> <li>In #7, if the new password match with the old password, system will notice and let the user to enter your new password again with constraint that new password and old password mustn't match</li> </ol> <p><b>Alternative flow 3:</b></p> <ol style="list-style-type: none"> <li>With the device which is active on this system (different from the device which is changing the password of this account), the system will log out of all devices and ask to sign in again.</li> </ol>
Pre-conditions	User must sign in successfully to the website
Post-conditions	Update user's password based on what user inputs in the change password page. System will log out all accounts which is active in the system and take the user sign in again

## 2.6 Use-case: Change username

Use case Name	Change username
Brief description	This use case describes how to change username, which is required to login
Actors	Registered user
Basic Flow	<ol style="list-style-type: none"> <li>Sign in successfully to the system (Use-case specification of 'Sign in' is described in section 2.1)</li> <li>In the homepage, click the avatar of the account in the upper right corner</li> <li>The system will show the list of account's features like sign out, change information, change password, list of my posts...</li> <li>Users click 'Change username'</li> <li>System shows the 'change username' page</li> <li>Users enter password to verify again to do this feature</li> <li>Then click 'Verify' button, system will check the password in database</li> <li>Users type new username and click "Complete"</li> <li>System will update new username for user's account if possible</li> <li>System logs out this account and turn back to Sign in page</li> </ol>
Alternative Flows	<p><b>Alternative flow 1: "Verify password failure"</b></p> <ol style="list-style-type: none"> <li>In #6, if the old password entered by user doesn't match with current password of this account, system will notice that 'Wrong password' and let the user type again</li> <li>If the user fails on verifying old password greater than or equal to 5 times, the system will disable this feature in 1 day and send email to notice that someone is trying to change your password</li> </ol> <p><b>Alternative flow 2: "Same username"</b></p> <ol style="list-style-type: none"> <li>In #8, if the new username matches with the old username, system will notice and let the user enter your new username again with a constraint that new username and old username mustn't match.</li> </ol> <p><b>Alternative flow 3: "Invalid character in username"</b></p> <ol style="list-style-type: none"> <li>Invalid character is a character that is not an alphabetic or numeric character.</li> <li>The system will display notification "Invalid character in username" and let user input again</li> </ol> <p><b>Alternative flow 4: "Username already exists"</b></p> <ol style="list-style-type: none"> <li>In #8, if username is already used by another account, system will display notifications "Username already exists, try another username"</li> </ol> <p><b>Alternative flow 5: "Multiple login tabs"</b></p>

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	1. If you have many browsers or tabs login with the same account at the same time, the system will change the username in all tabs after one tab changing its username successfully.
Pre-conditions	<ul style="list-style-type: none"> <li>User must access successfully to the system (No 404 ERROR)</li> <li>User must sign in successfully to the website</li> </ul>
Post-conditions	Update user's username based on what user inputs in the 'change username' page. System will log out all tabs which are active with the account and ask the user sign in again. Changing user's username can help keep user's account safe and secure, preventing it from being exposed or being lost.

## 2.7 Use-case: Post recipes

Use case Name	Post recipes
Brief description	This use case describes how to post recipes to the system and shows them to everyone who access this website
Actors	Registered user
Basic Flow	<ol style="list-style-type: none"> <li>Sign in successfully to the system (Use-case specification of 'Sign in' is described in section 2.1)</li> <li>Click the box which show 'Post something here...' in the middle of homepage</li> <li>Enter the recipe you want to post into the form: dish name, dish type, each ingredient and its amount, additional note, cooking steps, images, dish's average basic nutritions and their amount)</li> <li>Choose the thumbnail image for the post (by click "Add thumbnail" or drag an image into).</li> <li>When you finish your post, click 'Post' to upload your recipe to the system</li> <li>The system will handle your post and take a short time to show this in the website</li> <li>When the system completed, it will show you the message to alert you uploaded your post successfully and the system will return to the homepage</li> <li>You can see your post in your homepage and in 'List of my posts' (which will be mentioned later)</li> </ol>
Alternative Flows	<p><b>Alternative flow 1:</b></p> <ol style="list-style-type: none"> <li>In #6, if your account is being locked on the 'Post' function because of many reports in your previous post, you can't post your recipe until there is no more block.</li> </ol> <p><b>Alternative flow 2:</b></p> <ol style="list-style-type: none"> <li>In #3 and #5, if you do not enter any required fields (dish name, dish type, each ingredient and its amount, at least one step to cook (image at each step is optional), dish's average basic nutritions and their amount (calories field is required while the other will be optional)), the system will alert to fill in the blank because the recipe cannot be posted without any above.</li> </ol> <p><b>Alternative flow 3:</b></p> <ol style="list-style-type: none"> <li>If you choose to close the form instead of posting the recipe, the form will close and the system returns to the homepage.</li> </ol> <p><b>Alternative flow 4:</b></p> <ol style="list-style-type: none"> <li>In #3, if the recipe has more than 5 steps (default) (*), you can click the "+" button to add a step (up to 20 steps(*)) and a following image next to each step.</li> <li>After adding steps, if you want to remove a step, you can click the "-" button to remove it.</li> </ol> <p><b>Alternative flow 5:</b></p> <ol style="list-style-type: none"> <li>In #3, at each cooking step box, if you choose the "Upload Image" button, the system will open your computer folders to find and upload the image you need to</li> </ol>

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	<p>post at that step.</p> <ol style="list-style-type: none"> <li>On the other hand, if you drag an image into the image area instead of clicking “Upload Image” button, it will be uploaded at the chosen cooking step.</li> <li>In contrast, if you do not upload any image in a cooking step, then in #4 when you click the “Post” button, your post at that step only have text and does not contain an image below that step. If the post does not contain any images, there will be only text in the recipe.</li> <li>An image can be uploaded both before or after the step is filled (the cooking step and the image will be independently entered by the user).</li> <li>After an image was uploaded successfully, you can click the “Change Image” or drag a new image to change the image or click the “X” button to delete the image. If it is deleted, the image box will return to its original form.</li> <li>In the case that the system fails to upload the image, it will alert the user to try again. If they ignore the error and continue to “Post”, the error image will not be displayed after the recipe is posted.</li> </ol> <p><b>Alternative flow 6:</b></p> <ol style="list-style-type: none"> <li>In #4, the user must upload an image as the thumbnail. If there is not any uploaded image or system fails to process the uploaded image, after clicking “Post”, the system will alert and require them to upload a picture.</li> <li>The thumbnail image can not only be uploaded by clicking “Add thumbnail” and choosing the suitable image, but the wanted picture can also be dragged into the area to be uploaded instead of clicking the button.</li> <li>After a thumbnail was uploaded successfully, you can click the “Change Thumbnail” or drag a new image to change the thumbnail or click the “X” button to delete the image. If it is deleted, the image box will return to its original form.</li> </ol>
Pre-conditions	User must sign in successfully to the website and they click “Post something here...”
Post-conditions	Your post is uploaded and everyone will see your post (including Guest - who doesn't have an account). You can see the number of likes, comments in the below of the post

Note: (\*) number of steps may be decided to be changed later

## 2.8 Use-case: Detailed description of cooking steps

Use case Name	Cooking procedures
Brief description	This use case describes how to cook a dish with step-by-step details
Actors	Registered user, Guest
Basic Flow	<ol style="list-style-type: none"> <li>Access to our website (The domain of website will be announced later)</li> <li>The system will show the homepage</li> <li>Click any recipe you see in the homepage (the system will show its thumbnail and dish name)</li> <li>System will move you to page containing this recipe</li> <li>Scroll up and down to read the detailed description of the cooking steps</li> </ol>
Alternative Flows	<p><b>Alternative flow 1:</b></p> <ol style="list-style-type: none"> <li>In #1, users/guests can't access our website (Our website is maintained, this domain is not available...) if a problem occurs</li> </ol> <p><b>Alternative flow 2:</b></p> <ol style="list-style-type: none"> <li>In #3, if you can't see any recipe, it means that there is no recipe in the system. You can wait for the first recipe in the system uploaded by a registered user.</li> </ol> <p><b>Alternative flow 3:</b></p> <ol style="list-style-type: none"> <li>If you want to ask for more detailed or want to give feedback about any recipe, you must be a registered user (have an account and sign in to the system)</li> </ol> <p><b>Alternative flow 4:</b></p>

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	1. After #5, you can click to come back to the page containing list of recipes and continue to find your needed recipe.
Pre-conditions	User must access to the website and click to any recipe which is posted by Registered user
Post-conditions	You can see the detailed of cooking steps and after that, maybe if you do it (step-by-step) perfectly, you can make a delicious meal

## 2.9 Use-case: Like post recipes

Use case Name	Like post recipes
Brief description	This use case describes how a user likes another user's post recipes or their own, which will affect the trending
Actors	Registered user
Basic Flow	<ol style="list-style-type: none"> <li>1. Sign in successfully to the system (Use-case specification about 'Sign in' is described in section 2.1)</li> <li>2. In the lower left corner of post, it will contain emoji expressions include</li> <li>3. User clicks one of those emojis to express their feelings for the post (Love, Haha, and Angry)</li> <li>4. System will notify posting user that you liked their post</li> <li>5. User can see this post in "List of my like" (which will be mentioned later)</li> </ol>
Alternative Flows	<p><b>Alternative flow 1: "Double like" or "Unlike"</b></p> <ol style="list-style-type: none"> <li>1. If the user chooses an emoji and choose that emoji again (or "double like"), the system will cancel the emoticon for that post</li> </ol> <p><b>Alternative flow 2: "Choose other emoji"</b></p> <ol style="list-style-type: none"> <li>1. If user likes the post and chose other emoji, the selected emoticon will be replaced by the new chosen emoji</li> </ol> <p><b>Alternative flow 3:</b></p> <ol style="list-style-type: none"> <li>1. Default number of each emoji is zero. Emoji which has zero interaction will not be presented in the page.</li> <li>2. If you are the first user who choose a new emoji for a post, then the selected emoji will appear on the page.</li> </ol> <p><b>Alternative flow 4:</b></p> <ol style="list-style-type: none"> <li>1. The system will display the emojis of a post from the highest interactions to the lowest in order to see more popular expressions of that post.</li> </ol> <p><b>Alternative flow 5:</b></p> <ol style="list-style-type: none"> <li>1. If you click on an emoji, the system will present a list of the users who gave out that emoji to the post.</li> </ol>
Pre-conditions	<ul style="list-style-type: none"> <li>• User must access successfully to the system (No 404 ERROR)</li> <li>• User must sign in successfully to the website</li> <li>• It is necessary to have website's posts available.</li> </ul>
Post-conditions	Below the post will show the people who liked the post. If the number of likes is in the top of the posts with the most likes, that post will be placed in the trending section of the homepage.

## 2.10 Use-case: List of user's like

Use case Name	List of user's like
Brief description	This use case describes how a users see posts they've liked.
Actors	Registered user

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Basic Flow	<ol style="list-style-type: none"> <li>1. Sign in successfully to the system (Use-case specification about ‘Sign in’ is described in section 2.1)</li> <li>2. In the homepage, click the avatar of this account in the upper right corner</li> <li>3. The system will show the list of account’s features like sign out, change information, list of my posts...</li> <li>4. Users click ‘List of my likes’</li> <li>5. Users will be directed to the “List of my likes” page containing the posts they have liked</li> </ol>
Alternative Flows	<p><b>Alternative flow 1: “Unlike in List of my like page”</b></p> <ol style="list-style-type: none"> <li>1. If the user cancels the emoticon for that post, the post will be deleted out of the list after refreshing page.</li> </ol> <p><b>Alternative flow 2: “User don’t like anything yet”</b></p> <ol style="list-style-type: none"> <li>1. System will notify “Haven’t you liked a post yet? Go to pick some of your favorite posts and like them; they’ll be shown here.”</li> </ol>
Pre-conditions	<ul style="list-style-type: none"> <li>• User must access successfully to the system (No 404 ERROR)</li> <li>• User must sign in successfully to the website</li> </ul>
Post-conditions	“List of my like” help users review useful posts, review recipes that have been shared in that post

## 2.11 Use-case: Comment on post recipes

Use case Name	Comment on post recipes
Brief description	This use case describes how a user comments on another user's post recipes or their own.
Actors	Registered user
Basic Flow	<ol style="list-style-type: none"> <li>1. Sign in successfully to the system (Use-case specification about ‘Sign in’ is described in section 2.1)</li> <li>2. Below the post, it will contain a textbox with message “Add your comment here”</li> <li>3. User adds their comment in that box and clicks send</li> <li>4. System will notify posting user that you commented on their post and your comment content.</li> <li>5. User can see this comment right below the post and can also see it in “List of my comments” (which will be mentioned later)</li> </ol>
Alternative Flows	<p><b>Alternative flow 1: “Limit the number of characters”</b></p> <ol style="list-style-type: none"> <li>1. Number of characters will be limited to 250 characters to avoid spam. If the number of characters reached the limit, the system will not allow the user to enter more</li> </ol> <p><b>Alternative flow 2: “Enter press”</b></p> <ol style="list-style-type: none"> <li>1. In #3, instead of clicking “Send”, users can press enter on keyboard to send their comment</li> </ol> <p><b>Alternative flow 3:</b></p> <ol style="list-style-type: none"> <li>1. If the system fails to add comment, it will alert to the user and tell them to try again later.</li> </ol>
Pre-conditions	<ul style="list-style-type: none"> <li>• User must access successfully to the system (No 404 ERROR)</li> <li>• User must sign in successfully to the website</li> <li>• It is necessary to have website’s posts available.</li> </ul>
Post-conditions	Below the post will show the people who commented on the post. Users who post this post can like this comment.

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## 2.12 Use-case: Administrator deletes the reported post

Use case Name	Administrator deletes the reported post
Brief description	This use case allows an administrator to delete a reported post
Actors	Administrator
Basic Flow	<ol style="list-style-type: none"> <li>1. An administrator signs in to their account</li> <li>2. They can view the “Report List” box</li> <li>3. After clicking, they view a list of the posts reported by the user(s)</li> <li>4. Choosing the “Delete” button to delete a post</li> <li>5. Send notification to the user</li> </ol>
Alternative Flows	<p><b>Alternative flow 1:</b></p> <ol style="list-style-type: none"> <li>1. In #4, if the administrator chooses the “Deny” button, the reported post will not be eliminated and the system will send notification to the reporter (instead of the user having the reported post in #6) to announce that the post does not violate the rules</li> </ol> <p><b>Alternative flow 2:</b></p> <ol style="list-style-type: none"> <li>1. In #5, if the system fails to delete the post after clicking “Delete” button, it will send an alert to the administrator and nothing further will be done until the deletion is successfully redone or ignored (not deleting the post)</li> </ol> <p><b>Alternative flow 3:</b></p> <ol style="list-style-type: none"> <li>1. If the user deletes their post before being censored, report of this post will not be shown to the admin.</li> </ol>
Pre-conditions	Administrator must sign in to their account and the list of reported posts must not be empty.
Post-conditions	The reported post will be deleted or kept based on if it violates our conditions and national laws or not

## 2.13 Use-case: Administrator deletes the reported comment

Use case Name	Administrator deletes the reported comment
Brief description	This use case allows an administrator to delete a reported comment
Actors	Administrator
Basic Flow	<ol style="list-style-type: none"> <li>1. An administrator signs in to their account</li> <li>2. They can view the “Report List” box</li> <li>3. After clicking, they view a list of the comments reported by the user(s)</li> <li>4. Choosing the “Delete” button to delete a comment</li> <li>5. Send notification to the user</li> </ol>
Alternative Flows	<p><b>Alternative flow 1:</b></p> <ol style="list-style-type: none"> <li>1. In #4, if the administrator chooses the “Deny” button, the reported comment will not be eliminated and the system will send notification to the reporter (instead of the user having the reported comment in #6) to announce that the comment does not violate the rules</li> </ol> <p><b>Alternative flow 2:</b></p> <ol style="list-style-type: none"> <li>1. In #5, if the system fails to delete the comment after clicking “Delete” button, it will send an alert to the administrator and nothing further will be done until the deletion is successfully redone or ignored (not deleting the comment)</li> </ol> <p><b>Alternative flow 3:</b></p> <ol style="list-style-type: none"> <li>1. If the user deletes their comment before being censored by administrator, report will not shown to the admin.</li> </ol>
Pre-conditions	Administrator must sign in to their account and the list of reported comments must not be empty.

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Post-conditions	The reported comment will be deleted or kept based on if it violates our conditions and national laws or not
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## 2.14 Use-case: Administrator suspends the reported account

Use case Name	Administrator suspends the reported account
Brief description	This use case allows an administrator to suspend an user account
Actors	Administrator
Basic Flow	<ol style="list-style-type: none"> <li>1. An administrator signs in to their account</li> <li>2. They can view the “Report List” box</li> <li>3. After clicking, they view a list of the accounts reported by the user(s)</li> <li>4. Choosing the “Suspend” button to suspend an account</li> <li>5. Announce suspending successfully to the administrator</li> <li>6. Send notification to the user</li> </ol>
Alternative Flows	<p><b>Alternative flow 1:</b></p> <ol style="list-style-type: none"> <li>1. In #4, if the administrator chooses the “Deny” button, the reported account will not be suspended and the system will send notification to the reporter (instead of the reported user in #6) to announce that the account does not violate the rules</li> </ol> <p><b>Alternative flow 2:</b></p> <ol style="list-style-type: none"> <li>1. In #5, if the system fails to suspend the account after clicking “Suspend” button, it will send an alert to the administrator and nothing further will be done until the suspension is successfully redone or ignore (not suspending the account)</li> </ol> <p><b>Alternative flow 3:</b></p> <ol style="list-style-type: none"> <li>1. If this account were suspended before, the suspending time would be incremented (3 days, 7 days, 30 days, and then 20 years)</li> </ol>
Pre-conditions	Administrator must sign in to their account and the list of reported accounts must not be empty.
Post-conditions	The reported account will be suspended or remained based on if it violates our conditions or national laws or not. If the

## 2.15 Use-case: Registered user deletes their comment

Use case Name	Registered user deletes their comment
Brief description	This use case allows the user to delete their comment in case they do not want to post it anymore
Actors	Registered user
Basic Flow	<ol style="list-style-type: none"> <li>1. The user signs in to their account</li> <li>2. They find the comment they want to delete</li> <li>3. Click the “...” button to open the setting box of the post</li> <li>4. Choose “Delete comment”</li> <li>5. Alert to confirm deleting the comment</li> <li>6. Choose “Confirm” to delete the comment</li> </ol>
Alternative Flows	<p><b>Alternative flow 1:</b></p> <ol style="list-style-type: none"> <li>1. In #1, if the user is signing in, they can find the post to delete the comment without logging in again</li> <li>2. If the user chooses to delete their comment without signing in, they will be asked to login to the account</li> </ol> <p><b>Alternative flow 2:</b></p> <ol style="list-style-type: none"> <li>1. In #2:</li> </ol>

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	<ol style="list-style-type: none"> <li>If the comment was posted on their post, the user can open their list of posts in their wall to find the needed post then delete the wanted comment.</li> <li>If the comment was posted on other users' post, the user have to find the account, find the needed post then delete the wanted comment.</li> <li>In both cases a and b above, the user can open "Settings" instead to find the wanted comment in their list of comments</li> </ol> <p><b>Alternative flow 3:</b></p> <ol style="list-style-type: none"> <li>In #6, if the user chooses "Cancel" button instead of "Confirm" button, the alert will be closed and no further actions are done</li> </ol> <p><b>Alternative flow 4:</b></p> <ol style="list-style-type: none"> <li>In #6, if the system fails to delete their comment after clicking "Confirm" button, it will send an alert to the user and nothing further will be done. Then, the user must redoes the deletion if they still want to delete it.</li> </ol> <p><b>Alternative flow 5:</b></p> <ol style="list-style-type: none"> <li>If this comment is deleted by administrator, this comment will not show again or the system will notice that "This comment is deleted"</li> </ol>
Pre-conditions	Correct registered user account must be signed in and the comment must be found to be deleted
Post-conditions	The comment will be deleted after confirming unless the user changes their mind to cancel the process

## 2.16 Use-case: Administrator views reports

Use case Name	Administrator views reports
Brief description	This use case allows the administrator to view lists of reported posts, comments, and accounts
Actors	Administrator
Basic Flow	<ol style="list-style-type: none"> <li>The administrator signs in to their account</li> <li>Click the "Report List" button on the left side</li> <li>The system will show three columns with boxes relatively showing reports of posts, comments, and accounts</li> </ol>
Alternative Flows	<p><b>Alternative flow 1:</b></p> <ol style="list-style-type: none"> <li>In #3, in each column, if there is not any report, it will show "No reports" to the administrator</li> </ol> <p><b>Alternative flow 2:</b></p> <ol style="list-style-type: none"> <li>If there are too many reports, the list will be split into every 20 reports shown in per page</li> </ol>
Pre-conditions	Administrator must sign in to access this feature
Post-conditions	The reports will be presented to the administrator whenever they click the "Report List" button

## 2.17 Use-case: Administrator views account list

Use case Name	Administrator views account list
Brief description	This use case allows the administrator to view the list of account
Actors	Administrator
Basic Flow	<ol style="list-style-type: none"> <li>The administrator signs in to their account</li> <li>Click the "Account List" button on the left side</li> </ol>



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	3. The system will show a table of all accounts (present username, hidden password, created date, the status “Active”, “Offline”, or “Suspended”, and a note)
Alternative Flows	<p><b>Alternative flow 1:</b></p> <ol style="list-style-type: none"> <li>In #3, in the table, if there is not any account created, it will show “No accounts” to the administrator</li> </ol> <p><b>Alternative flow 2:</b></p> <ol style="list-style-type: none"> <li>In #3, in the status column, if an account is “Active” or “Offline”, the system will show an empty “Note”</li> <li>On the other hand, in #3, in the status column, if an account is “Suspended”, it will show the reasons in the “Note”</li> </ol> <p><b>Alternative flow 3:</b></p> <ol style="list-style-type: none"> <li>If there are too many accounts, the list will be split into every 20 accounts shown in per page</li> </ol>
Pre-conditions	Administrator must sign in to access this feature
Post-conditions	The account list will be presented to the administrator whenever they click the “Account List” button

## 2.18 Use-case: Report posts

Use case Name	Report posts
Brief description	This use case allows the user (or more detailed, allows the registered user) to report a post which is not suitable to appear on this website
Actors	Registered user
Basic Flow	<ol style="list-style-type: none"> <li>After signing in successfully, you will be moved to the homepage</li> <li>Registered user click ‘...’ in the upper right corner of the post which you want to report</li> <li>The system show some features about this post</li> <li>Click ‘Report this post’</li> <li>The system will display a list of activities that are considered inappropriate to choose and a box below to detailed about what the post violates</li> <li>The user enters the content to report</li> <li>Click ‘Send’ and the system will send the report to administrators to handle the problem.</li> </ol>
Alternative Flows	<p><b>Alternative flow 1:</b></p> <ol style="list-style-type: none"> <li>In #7, you must choose at least 1 activity that violates our rules and enter the content below. If the length of the content is less than 10 characters or there is not any activity chosen, the system will alert you to fill in and send it again</li> </ol> <p><b>Alternative flow 2:</b></p> <ol style="list-style-type: none"> <li>In #7, if the post you reported is deleted by the owner before being reported or deleted by the administrator after being report, you can’t report it anymore due to the post is deleted from the system</li> </ol> <p><b>Alternative flow 3:</b></p> <ol style="list-style-type: none"> <li>In #5, if the violation reason is not given in the list, you can click “Other Reasons” and enter the content to report.</li> </ol>
Pre-conditions	Registered user account must be signed in
Post-conditions	The report will be sent to administrator to handle

## 2.19 Use-case: Searching (by name keywords or ingredients)

Use case Name	Search
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Brief description	This use case describes how user searches a post of receipts by name of meal or ingredients of foods
Actors	Registered user
Basic Flow	<ol style="list-style-type: none"> <li>1. Sign in successfully to the system (Use-case specification about 'Sign in' is described in section 2.1)</li> <li>2. In the homepage, there is a search bar for your input</li> <li>3. In the search field, choose "Dish name" or "Ingredients" to search for suitable input</li> <li>4. Then, the user types keywords of a sentence.</li> <li>5. Then, user click "Search" button</li> <li>6. The system will look for matched posts, return, and show them in the result page.</li> </ol>
Alternative Flows	<p><b>Alternative flow 1: "Couldn't find any posts"</b></p> <ol style="list-style-type: none"> <li>1. System will display the message "We couldn't find any posts that fit your requirements..." if there is not any found result.</li> </ol> <p><b>Alternative flow 2: "User input is too long"</b></p> <ol style="list-style-type: none"> <li>1. Maximum number of search characters is 128. If user input is longer than that number, the system will not allow to type more characters.</li> </ol> <p><b>Alternative flow 3:</b></p> <ol style="list-style-type: none"> <li>1. In #5, user can press Enter from keyboard instead of clicking "Search" button</li> </ol> <p><b>Alternative flow 4:</b></p> <ol style="list-style-type: none"> <li>1. If you do not find any posts suitable, you can do searching again.</li> </ol> <p><b>Alternative flow 5:</b></p> <ol style="list-style-type: none"> <li>1. In #4, if you choose "Dish name", the system will find out the suitable dish name in the database with what you entered in the search bar.</li> <li>2. If you choose "Ingredients", the system will return the top-matched dishes which use the input ingredients to cook. This function helps the user to find the suitable recipe by not thinking so much about what to cook with the ingredients they are having in their fridge as an example. (The input "Ingredients" keywords must be separated by commas)</li> </ol>
Pre-conditions	<ul style="list-style-type: none"> <li>• User must access successfully to the system (No 404 ERROR)</li> <li>• User must sign in successfully to the website</li> </ul>
Post-conditions	Matched posts will be shown in the result page.

## 2.20 Use-case: Filter input requirements

Use case Name	Filter input requirements
Brief description	This use case allows the user (registered or guest user) to filter input requirements to search for some recipes
Actors	Registered user, guest
Basic Flow	<ol style="list-style-type: none"> <li>1. After signing in successfully, the user will be moved to the homepage</li> <li>2. Click the button "Category" next to the search bar to filter</li> <li>3. The user chooses the category they want to search for (breakfast, lunch, dinner, meat, vegetables, etc)</li> <li>4. Fill content in the search bar</li> <li>5. Click the search button or press Enter to search with filtered input</li> <li>6. The user then sees the results of their input requirements</li> </ol>
Alternative Flows	<p><b>Alternative flow 1:</b></p> <ol style="list-style-type: none"> <li>1. In #1, if the user is not signing in, it is still possible to filter and search as a guest user</li> </ol> <p><b>Alternative flow 2:</b></p>

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	<ol style="list-style-type: none"> <li>In #2 and #3, if the user does not click the button “Category”, they will be showed the found results without any filter</li> <li>In #3, if the user click the button “Category” but then does not choose any category, they will be showed the found results without any filter</li> </ol> <p><b>Alternative flow 3:</b></p> <ol style="list-style-type: none"> <li>In #4, if the user does not fill any content in the search bar but in #3, they have chosen a category, the system will return all recipes in the selected category</li> <li>In #4, if the user does not fill any content in the search bar and in #3, they have not chosen any category, the system will return all recipes in all categories</li> </ol> <p><b>Alternative flow 4:</b></p> <ol style="list-style-type: none"> <li>In #6, if there is not any fitted results, the system will show “No results for ...”</li> </ol>
Pre-conditions	Registered user or guest must click the search button or press Enter to have this function work
Post-conditions	The recipes will be shown to the user after searching with filtered requirements successfully. If there is not any appropriate recipe, the system will return the announcement “No results for ...”

## 2.21 Use-case: Filter searched results

Use case Name	Filter searched results
Brief description	This use case allows the user (registered or guest user) to filter searched results
Actors	Registered user, guest
Basic Flow	<ol style="list-style-type: none"> <li>After searching, the results will be shown on the webpage</li> <li>In the “Filter Result” box, there will be categories for the user to filter</li> <li>The user chooses the wanted category</li> <li>Click the “Apply Filter” button</li> <li>The webpage will be reloaded</li> <li>Finally, the initial results will be replaced by the filtered results</li> </ol>
Alternative Flows	<p><b>Alternative flow 1:</b></p> <ol style="list-style-type: none"> <li>In #3 and #4, if the user does not choose any category, then in #6 the initial results will not be replaced</li> </ol> <p><b>Alternative flow 2:</b></p> <ol style="list-style-type: none"> <li>In #1, if there are no searched results, then in #6 the system will present similar message to the user</li> </ol> <p><b>Alternative flow 3:</b></p> <ol style="list-style-type: none"> <li>In #6, if there is not any fitted result, the system will return the message “No results for ...”</li> </ol>
Pre-conditions	Registered user or guest must click the “Apply Filter” button to have this function work
Post-conditions	The recipes will be shown to the user after filtering the results successfully. If there is not any fitted recipe, the system will return the announcement “No results for ...”

## 2.22 Use-case: Sort searched results

Use case Name	Sort searched results
Brief description	This use case allows the user (registered user or guest) to sort searched results to find the best recipe for their demand
Actors	Registered user, Guest
Basic Flow	<ol style="list-style-type: none"> <li>After searching, the results will be shown on the webpage (You can see the feature ‘Search and show recipes by keywords/ingredients for more detailed about this step)</li> </ol>

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	<ol style="list-style-type: none"> <li>Click 'Sort by...' button</li> <li>After clicking, there are some choices for the user to choose such as sorting ascendingly/descendingly by nutrition, by name...</li> <li>User click one of them and click 'Sort'</li> <li>System will do their algorithm to sort by request from user</li> <li>After doing this, system will show the result after sorting</li> </ol>
Alternative Flows	<p><b>Alternative flow 1:</b></p> <ol style="list-style-type: none"> <li>In #4, if user do not click any choice and start sorting, the result will not change from the original</li> </ol> <p><b>Alternative flow 2:</b></p> <ol style="list-style-type: none"> <li>In #7, if there is no recipe after searching in #1, then this use-case will show nothing in the end of sorting although the user do step-by-step correctly</li> </ol>
Pre-conditions	Registered user or guest must access this website successfully and click to the 'Sort by ...' button to have the feature work
Post-conditions	The recipes which satisfy the requirements of sorting from the user will be shown to the user. If there is not any appropriate recipe, the system will shown nothing in the page

## 2.23 Use-case: Show nutrition in each type of food

Use case Name	Show nutrition in each type of food
Brief description	This use case allows the user (registered or guest user) to visit a page showing nutrition in each type of food
Actors	Registered user, guest
Basic Flow	<ol style="list-style-type: none"> <li>After entering the home page, the system will show the "Nutrition" button in the navigation bar</li> <li>The user clicks the "Nutrition" button</li> <li>They will be directed to the nutrition page</li> <li>The page will show many kinds of food and brief descriptions of their nutrition which show only how much/many calories, carbohydrate, fat, and protein</li> <li>Click a kind of food to see details of all nutrition existed in that kind of food</li> <li>The user will be directed to the detailed page (title: "Nutrition - ...") of that food which presents how much/many calories, carbohydrate, fat, protein, and all other kinds of nutrition such as sodium, potassium, cholesterol, etc</li> </ol>
Alternative Flows	<p><b>Alternative flow 1:</b></p> <ol style="list-style-type: none"> <li>In #4, if there is not any food existing in the database, the system will show "No available food" and no further steps beyond #4 can be done</li> </ol> <p><b>Alternative flow 2:</b></p> <ol style="list-style-type: none"> <li>In #6, after directing to the detailed page, the user can click the "Back" button to come back to the main "Nutrition" page</li> </ol> <p><b>Alternative flow 3:</b></p> <ol style="list-style-type: none"> <li>In #1, if the user is not on the home page but the current page still has the navigation bar with the "Nutrition" button, it is still possible for them to access the "Nutrition" page by clicking it</li> </ol>
Pre-conditions	Registered user or guest must click the "Nutrition" button to access the feature
Post-conditions	The nutrition in each type of food will be shown on the webpage to the user. If there is not any existing food, the system will return the message "No available food"

## 2.24 Use-case: Trending now

Use case Name	Trending meals
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Brief description	This use case allows the user (registered or guest user) to see which foods, recipes or cooks are trending now based on the amount of likes, comments, followers...
Actors	Registered user, guest
Basic Flow	<ol style="list-style-type: none"> <li>1. User access to our homepage (The domain of website will be decided later)</li> <li>2. Click 'Trending Now' in the homepage</li> <li>3. System will display top 3 or top 5 most popular cooks, recipes... in a week (the number of top will be concluded later)</li> </ol>
Alternative Flows	<p><b>Alternative flow 1: Inaccessible</b></p> <ol style="list-style-type: none"> <li>1. In #1, if an error occurs when the user accesses the page, the system will give out an alert and the "Trending Now" page will show "Something went wrong"</li> </ol> <p><b>Alternative flow 2: Not enough information</b></p> <ol style="list-style-type: none"> <li>1. If there is no information about this trending page, it means that there are no cooks, no recipes on our system to calculate who is in top trending now. You should wait until next week to see if there are any cooks or recipes in our system. (If there are, we will update to trending in the next week)</li> </ol>
Pre-conditions	Registered user or guest access successfully to the page
Post-conditions	You can see which foods, recipes or cooks are on trending. So for example you can believe that the recipe in this trending is really popular at the moment.

## 2.25 Use-case: Sign out

Use case Name	Sign Out
Brief description	User click on "Log Out" and their session was terminated
Actors	Registered user
Basic Flow	<ol style="list-style-type: none"> <li>1. User signs in successfully</li> <li>2. User clicks on button "Sign Out"</li> <li>3. System will log you out and terminate current session</li> <li>4. The page will reload and the default web page will be shown as a guest account</li> </ol>
Alternative Flows	<p><b>Alternative flow 1:</b></p> <ol style="list-style-type: none"> <li>1. If signing out fails, the system remains the current session and nothing further will be done.</li> </ol>
Pre-conditions	User must sign in before signing out
Post-conditions	The account is signed out successful

## 2.26 Use-case: Change cover

Use case Name	Change cover
Brief description	This use case describes how to change cover.
Actors	Registered user
Basic Flow	<ol style="list-style-type: none"> <li>1. Sign in successfully to the system (Use-case specification about 'Sign in' is described in section 2.1)</li> <li>2. In the homepage, click the avatar of this account in the upper right corner</li> <li>3. The system will show the list of account's features like sign out, change information, list of my posts...</li> <li>4. Users click 'Edit information'</li> <li>5. System shows the edit information page</li> <li>6. User clicks on the cover again and selects "Change Cover"</li> </ol>

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	<ol style="list-style-type: none"> <li>The popup for Cover Update appears.</li> <li>The user can either upload photos or choose from the system's existing images.</li> <li>The user will be shown a demonstration by the system to crop the chosen image.</li> <li>If the users accept, they can click "Save Cover", which will be replaced and shown in a few minutes.</li> </ol>
Alternative Flows	<p><b>Alternative flow 1:</b></p> <ol style="list-style-type: none"> <li>When user click on button "Edit information" and an error occurs, nothing further will be done.</li> </ol> <p><b>Alternative flow 2:</b></p> <ol style="list-style-type: none"> <li>In #10, if the new cover cannot be saved, the alert will appear, no update will be established, and the old picture will be kept until you try again later.</li> </ol> <p><b>Alternative flow 3:</b></p> <ol style="list-style-type: none"> <li>Before saving new cover, if you choose the "X" button to discard changing, the alert will appear to ask you to "Discard" or "Cancel". If you choose "Discard", the image will not be saved and the pop-up will be closed. If you choose "Cancel", the updating process will continue and not be terminated.</li> </ol> <p><b>Alternative flow 4:</b></p> <ol style="list-style-type: none"> <li>If there is not any cover picture chosen, your cover will remain the anonymous image in default until you change your cover.</li> <li>You can click "Change Cover" to upload your first cover.</li> </ol> <p><b>Alternative flow 5:</b></p> <ol style="list-style-type: none"> <li>In #6, if you choose "Delete Cover" instead of "Change Cover", the current cover will be deleted and your cover will be replaced by the anonymous image.</li> <li>"Delete Cover" can only be used when there is a cover image in your account.</li> </ol> <p><b>Alternative flow 6: 'User chooses a file with the wrong extension or too big'</b></p> <ol style="list-style-type: none"> <li>Valid extensions include JPG, PNG, JPEG. If user chooses a file with the wrong extension, system will display notifications "Unable to upload chosen image. The extension must be in JPG, PNG, JPEG format."</li> <li>Limit size is 4MB. If user chooses a file the size more than 4MB, system will alert "The file size is too big! Please choose image less than 4MB size"</li> </ol>
Pre-conditions	<ol style="list-style-type: none"> <li>User must access successfully to the system (No 404 ERROR)</li> <li>User must sign in successfully to the website</li> </ol>
Post-conditions	Cover picture is changed successful

## 2.27 Use-case: Follow cooks

Use case Name	Follow Cooks
Brief description	User click on "Follow" and cook will add to list of follower
Actors	Registered User
Basic Flow	<ol style="list-style-type: none"> <li>User click on the profile you want to follow</li> <li>Click "Follow" button</li> <li>The cook will be added to the list of your following, and in the cook's profile, you will be added to the list of their followers</li> <li>The button "Follow" will be changed into "Following"</li> </ol>
Alternative Flows	<p><b>Alternative flow 1:</b></p> <ol style="list-style-type: none"> <li>If the user clicks button "Follow" but an error occurs, an alert will be shown, the cook will not be added to list of your following, and in #4 the button will not be changed.</li> </ol>

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	<p><b>Alternative flow 2:</b></p> <ol style="list-style-type: none"> <li>In #3, if you follow someone, your “following” number will increase by 1 and the “follower” number of the cook you have followed will do so.</li> </ol> <p><b>Alternative flow 3:</b></p> <ol style="list-style-type: none"> <li>Number of your following and followers will both be 0 in default.</li> <li>After #4, click “Following” button if you want to unfollow the cook, the alert will ask you to “Confirm” or “Cancel”. If you click “Confirm”, your “following” number will decrease by 1 and the “follower” number of the cook you have followed will do so. Then the “Following” button will be changed back to “Follow”. If you click “Cancel”, nothing further will be done.</li> </ol>
Pre-conditions	User must sign in successfully
Post-conditions	Follow the cook successful, the cook will be added to your following and you will be added to the cook’s followers

## 2.28 Use-case: Delete their posts

Use case Name	Delete Posts
Brief description	User who want to delete their post
Actors	Registered User
Basic Flow	<ol style="list-style-type: none"> <li>After you sign in successfully into your account</li> <li>User finds the post they want to delete (in “List of my posts”, the post you have just created that you can find in the homepage, or the post in notification)</li> <li>Choose the post and click into the post</li> <li>User clicks “...” button, then “Delete Post”</li> <li>The alert will appear and ask you “Sure to delete the post?”</li> <li>Click “OK” and it will be deleted out of your account.</li> </ol>
Alternative Flows	<p><b>Alternative flow 1:</b></p> <ol style="list-style-type: none"> <li>If user deletes a post by mistake, user can restore it in “Deleted Posts” and click “Restore”</li> </ol> <p><b>Alternative flow 2:</b></p> <ol style="list-style-type: none"> <li>In #2, if you want to delete the post you have just created that you can find in homepage, you ignore step #3 and only have to do step #4 (click “...” button , then “Delete Posts”</li> <li>If you want to delete the post in notification, you can open notification, click on the notified post to be redirected to the post and continue from step #4</li> </ol> <p><b>Alternative flow 3:</b></p> <ol style="list-style-type: none"> <li>In #5 and #6, if you choose “Cancel” instead of “OK”, the post will not be deleted out of the system.</li> </ol>
Pre-conditions	User must sign in successfully
Post-conditions	Post is deleted successfully

## 2.29 Use-case: List of my posts

Use case Name	List of my posts
Brief description	This use case describes how users see posts they've posted.
Actors	Registered user

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Basic Flow	<ol style="list-style-type: none"> <li>1. Sign in successfully to the system (Use-case specification about ‘Sign in’ is described in section 2.1)</li> <li>2. In the homepage, click the avatar of this account in the upper right corner</li> <li>3. The system will show the list of account’s features like sign out, change information, list of my posts...</li> <li>4. Users click ‘List of my posts’</li> <li>5. Users will be directed to the “List of my posts” page containing the posts they have posted</li> <li>6. The system will show the list of posts you have posted on the account, from your latest posts at the top to the earliest (your first posts on the website) when you scroll down.</li> </ol>
Alternative Flows	<p><b>Alternative flow 1:</b></p> <ol style="list-style-type: none"> <li>1. System will notification “Haven’t you posted a post yet? Go back and post something; they’ll be shown here.”</li> </ol> <p><b>Alternative flow 2:</b></p> <ol style="list-style-type: none"> <li>1. If a post in the list is then chosen to be deleted, the page will reload, alert you have deleted successfully, and show the updated list of your posts.</li> <li>2. If the chosen post is deleted unsuccessfully, you will be alerted and the list will not be updated.</li> </ol>
Pre-conditions	<ul style="list-style-type: none"> <li>• User must access successfully to the system (No 404 ERROR)</li> <li>• User must sign in successfully to the website</li> </ul>
Post-conditions	“List of my post” help users review your post.

### 2.30 Use-case: List of my comments

Use case Name	List of my comment
Brief description	This use case describes how users see comment they've posted.
Actors	Registered user
Basic Flow	<ol style="list-style-type: none"> <li>1. Sign in successfully to the system (Use-case specification about ‘Sign in’ is described in section 2.1)</li> <li>2. In the homepage, click the avatar of this account in the upper right corner</li> <li>3. The system will show the list of account’s features like sign out, change information, list of my comments...</li> <li>4. Users click ‘List of my comments’</li> <li>5. Users will be directed to the “List of my comments” page containing the comments they have posted</li> <li>6. The system will show the list of posts you have commented on and your comments from your latest at the top to the earliest (your first comments on the website) when you scroll down.</li> </ol>
Alternative Flows	<p><b>Alternative flow 1:</b></p> <ol style="list-style-type: none"> <li>2. System will notification “Haven’t you commented anything yet? Go back and give out a comment; they’ll be shown here.”</li> </ol> <p><b>Alternative flow 2:</b></p> <ol style="list-style-type: none"> <li>3. If a comment in the list is then chosen to be deleted, the page will reload, alert you have deleted successfully, and show the updated list of your comments.</li> <li>4. If the chosen comment is deleted unsuccessfully, you will be alerted and the list will not be updated.</li> </ol>
Pre-conditions	<ul style="list-style-type: none"> <li>• User must access successfully to the system (No 404 ERROR)</li> <li>• User must sign in successfully to the website</li> </ul>
Post-conditions	“List of my comment” help users review your comment in all post.



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### 2.31 Use-case: Notification

Use case Name	Notification
Brief description	This use case describes how users see any notification of web or action.
Actors	Registered user
Basic Flow	<ol style="list-style-type: none"> <li>1. Sign in successfully to the system (Use-case specification about 'Sign in' is described in section 2.1)</li> <li>2. In the homepage, see notification button near user avatar.</li> <li>3. Click on button, the system will show all of your notifications.</li> </ol>
Alternative Flows	<p><b>Alternative flow 1: "Don't have any notification"</b></p> <ol style="list-style-type: none"> <li>1. System will show: "You don't have any notification"</li> </ol> <p><b>Alternative flow 2: "View notifications"</b></p> <ol style="list-style-type: none"> <li>1. If user click on a notification, it will be marked as read.</li> </ol> <p><b>Alternative flow 3: Fail to load notifications</b></p> <ol style="list-style-type: none"> <li>1. If the system fails to load notifications, you will get alerted to try again later.</li> </ol> <p><b>Alternative flow 3: Types of notifications</b></p> <ol style="list-style-type: none"> <li>1. If the notification is about your post (someone liked, commented on your post,...), then you can click on to be redirected to the noticed post.</li> <li>2. If the notification is about a post or comment deleted by the administrator, then you can click on to see the post and the reasons why it has been deleted.</li> <li>3. If you get followed by someone, you will get announced, then you can click on it to see the profile of your recent follower.</li> </ol>
Pre-conditions	<ul style="list-style-type: none"> <li>• User must access successfully to the system (No 404 ERROR)</li> <li>• User must sign in successfully to the website</li> </ul>
Post-conditions	Notification will help user overview and remind when some actions are done.

### 2.32 Use-case: Add recipes to "My Favorite"

Use case Name	Add recipes to "My favorites"
Brief description	This use case describes how users add recipes to favorites list.
Actors	Registered user
Basic Flow	<ol style="list-style-type: none"> <li>1. Sign in successfully to the system (Use-case specification about 'Sign in' is described in section 2.1)</li> <li>2. In newfeeds or any user's wall have recipes.</li> <li>3. Click on the flag button to add to My Favorites</li> <li>4. The list of favorite recipes will be shown when the user clicks on "My Favorites" button</li> </ol>
Alternative Flows	<p><b>Alternative flow 1: If user wants to remove a recipe from "My Favorites"</b></p> <ol style="list-style-type: none"> <li>1. Click on the flag button again and the chosen recipe will be removed from list</li> </ol> <p><b>Alternative flow 2: Add unsuccessfully</b></p> <ol style="list-style-type: none"> <li>1. In #3, If the system cannot be added to favorite successfully, you will be alerted to try again later.</li> </ol> <p><b>Alternative flow 3: Add successfully</b></p> <ol style="list-style-type: none"> <li>1. In #3, If a recipe is added to favorite successfully, you will be alerted to see your favorite recipes in "My Favorites"</li> </ol> <p><b>Alternative flow 4: "My Favorites" is empty</b></p> <ol style="list-style-type: none"> <li>2. In #4, if the favorite list is empty, the system will show the text which says "You haven't added anything in your favorite list..."</li> </ol>
Pre-conditions	<ul style="list-style-type: none"> <li>• User must access successfully to the system (No 404 ERROR)</li> <li>• User must sign in successfully to the website</li> </ul>

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Post-conditions	The recipe is added to “My Favorites” successfully