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# Use Cases

for

# Foodify

Version 2.2 approved

Prepared by Runtime Terror

CZ3002 TS9

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## Revision History

Name	Date	Reason For Changes	Version
Kolady Anamika Martin, Verma Nandini	05/09/2022	New	1.0
Kolady Anamika Martin, Verma Nandini, Anandarajan Sindini, Duong Ngoc Yen, Jim Sean	15/10/2022	Updating Use Case Descriptions	2.0
Kolady Anamika Martin	20/10/2022	Corrections in Few Use Cases	2.1
Kolady Anamika Martin	30/10/2022	Correction in One Use case	2.2

## Use Case Identification

### Use Case ID

1. Sign Up
2. Login
3. Forgot Password
4. Change Password
5. Edit Account
6. Delete Account
7. Logout
8. Add Food Item
9. View Food Items
10. Delete Food Items upon expiry (by system)
11. Delete Food Items (by user)
12. Post Food Item on “Market” page
13. View Food Item on “Market” page
14. Start Chat with Seller
15. End Chat with Seller
16. Delete Food Items from “Market” page
17. Provide Recipe

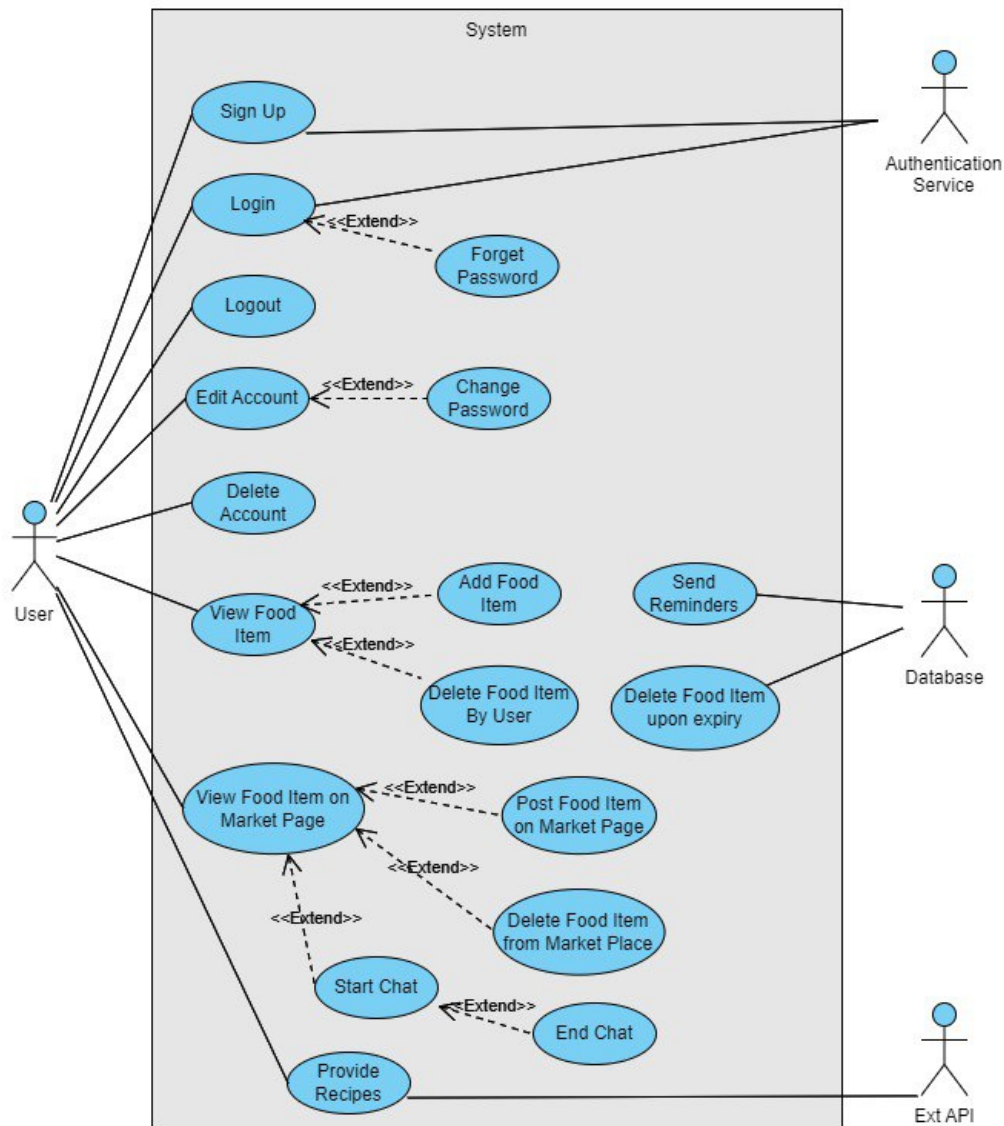
## Use Case List

<b>Primary Actor</b>	<b>Use Cases</b>
<b>User</b>	Sign Up, Login, Forgot Password, Change Password, Edit Account, Delete Account, Logout, Add food item, View Food item, Delete food item by user, Post food item on Market Page, View food item on Market Page, Start chat with seller, End chat with seller, Delete food item from Market Page, Provide Recipes
<b>Authentication Service</b>	Sign Up, Login, Forgot Password, Change Password, Edit Account, Delete Account
<b>Database</b>	Delete food items by system (upon expiry), Send expiry reminder to user, Delete food item from Market Page

<b>Secondary Actor</b>	<b>Use Cases</b>
<b>Database</b>	Sign Up, Login, Forgot Password, Change Password, Edit Account, Delete Account, Send expiry reminder to user, Add food item, View food item, Delete food item by user, Post food item on Market Page, View food item on Market Page, Start chat with seller, End chat with seller, Delete Food item from Market Page
<b>API</b>	Provide Recipes

# Use Case Diagram

Visual Paradigm Online Free Edition



Visual Paradigm Online Free Edition

## Use Case Description

Use Case ID:	1		
Use Case Name:	Sign Up		
Created By:	Kolady Anamika Martin	Last Updated By:	Kolady Anamika Martin
Date Created:	06/09/2022	Date Last Updated:	20/10/2022

Actors:	User, Authentication Service, Database
Description:	User wants to create a Foodify account.
Trigger:	User clicks on the “Sign Up” button.
Preconditions:	<ol style="list-style-type: none"> <li>1. User does not have a verified active user account.</li> <li>2. User has an active email address.</li> </ol>
Postconditions:	<ol style="list-style-type: none"> <li>1. User has a verified active user account.</li> </ol>
Normal Flow:	<ol style="list-style-type: none"> <li>1. The user clicks on the “Sign Up” button on the Home page.</li> <li>2. The system will redirect the user to the Sign Up page.</li> <li>3. The user will enter a valid email address, username, their name(optional), password, phone number (optional) in the respective fields.</li> <li>4. The user will click on “Sign Up”.</li> <li>5. The system verifies that the email address is not currently used by any other accounts through the authentication service.</li> <li>6. User successfully registers for an account.</li> <li>7. System redirects the user to the “Landing/Main/Home” page.</li> <li>8. The system will send a verification email to the user’s registered email.</li> <li>9. The user clicks on the “Verify Email” link in the verification email to verify their account.</li> </ol>
Alternative Flows:	<p>1.AF.1 The email entered by the user already exists in our database at step 4.</p> <ol style="list-style-type: none"> <li>1. The system will display an error message to inform the user that the email address has already been used.</li> <li>2. The use case returns to step 3.</li> </ol> <p>1.AF.2 The user did not fill in any 1 of the fields in step 3.</p> <ol style="list-style-type: none"> <li>1. The system will display an error message.</li> <li>2. The use case returns to step 3.</li> </ol>

	<p>1.AF.3 The length of the password entered is shorter than 6 characters in step 3.</p> <ol style="list-style-type: none"><li>1. The system will display an error message to inform the user that the length of the password should be at least 7 characters.</li><li>2. The use case returns to step 3.</li></ol> <p>1.AF.4 The user inputs an email of incorrect format in step 3.</p> <ol style="list-style-type: none"><li>1. The system will display an error message.</li><li>2. The use case returns to step 3.</li></ol>
Exceptions:	N/A
Includes:	N/A
Priority:	High
Frequency of Use:	Once per user
Business Rules:	N/A
Special Requirements:	N/A
Assumptions:	N/A
Notes and Issues:	N/A

Use Case ID:	2		
Use Case Name:	Log In		
Created By:	Kolady Anamika Martin	Last Updated By:	Everyone
Date Created:	06/09/2022	Date Last Updated:	15/10/2022

Actors:	User, Authentication Service, Database
Description:	User wants to create a Foodify account.
Trigger:	User clicks on the “Login” button.
Preconditions:	1. User has an active user account.
Postconditions:	1. User will be logged in to his/her account.
Normal Flow:	<ol style="list-style-type: none"> <li>1. The user clicks on the “Login” button on the Home page.</li> <li>2. The system will redirect the user to the login page.</li> <li>3. The user will enter their email address or username and password.</li> <li>4. The user will click on the “Login” button.</li> <li>5. The system will verify that the login details match the database records through an authentication service.</li> <li>6. The details match and the user will be logged in.</li> <li>7. The user is logged in.</li> <li>8. The system redirects the user to the “Landing/Main/Home” page.</li> </ol>
Alternative Flows:	<p>2.AF.1 The user enters the wrong email or password at step 3.</p> <ol style="list-style-type: none"> <li>1. The system will display an error message, “Incorrect username/password”.</li> <li>2. The use case returns to step 3.</li> </ol>
Exceptions:	N/A
Includes:	N/A
Priority:	High
Frequency of Use:	High
Business Rules:	N/A
Special Requirements:	N/A
Assumptions:	N/A
Notes and Issues:	N/A

Use Case ID:	3		
Use Case Name:	Forget Password		
Created By:	Kolady Anamika Martin	Last Updated By:	Everyone
Date Created:	06/09/2022	Date Last Updated:	15/10/2022

Actors:	User, Authentication Service, Database
Description:	User forgets their password.
Trigger:	User clicks on “Forgot Password?” on the Login page.
Preconditions:	<ol style="list-style-type: none"> <li>1. User has an active Foodify user account.</li> <li>2. User forgets their password.</li> </ol>
Postconditions:	<ol style="list-style-type: none"> <li>1. The user resets and changes their password.</li> </ol>
Normal Flow:	<ol style="list-style-type: none"> <li>1. The user clicks on “Forgot Password?” on the login page.</li> <li>2. The system redirects the user to the “Reset Password” page.</li> <li>3. The user enters their email address and clicks on “Send Email to Reset password”.</li> <li>4. The system verifies the email address with the database through the authentication service.</li> <li>5. The authentication service sends a “Reset Password” link via email to the user.</li> <li>6. The user clicks on the link in the email.</li> <li>7. The user is redirected to the “Reset Password” page.</li> <li>8. The user enters a new password.</li> <li>9. The user clicks on Confirm.</li> <li>10. The system updates the new password to the database through the authentication service.</li> <li>11. The user successfully changes their password.</li> </ol>
Alternative Flows:	N/A
Exceptions:	<p>3.EX.1 The link has expired after an hour at step 5.</p> <ol style="list-style-type: none"> <li>1. The reset password link will not be accessible.</li> <li>2. The user has to redo the Forgot Password steps again.</li> </ol>
Includes:	N/A
Priority:	Low
Frequency of Use:	Once every 6 months
Business Rules:	N/A
Special Requirements:	N/A
Assumptions:	The reset password link is available for only 1 hour after the email is sent.
Notes and Issues:	N/A



Use Case ID:	4		
Use Case Name:	Change Password		
Created By:	Kolady Anamika Martin	Last Updated By:	Everyone
Date Created:	06/09/2022	Date Last Updated:	15/10/2022

Actors:	User, Authentication Service, Database
Description:	User wants to change their password.
Trigger:	User clicks on Change Password on the Account page.
Preconditions:	<ol style="list-style-type: none"> <li>1. User has an active Foodify user account.</li> <li>2. User has already logged in.</li> <li>3. User forgets their password.</li> </ol>
Postconditions:	<ol style="list-style-type: none"> <li>1. The user resets and changes their password.</li> </ol>
Normal Flow:	<ol style="list-style-type: none"> <li>1. The user clicks on “Change Password” on the Account page.</li> <li>2. The authentication service sends a “Change Password” link via email to the user.</li> <li>3. The user clicks on the link in the email.</li> <li>4. The user is redirected to the “Change Password” page.</li> <li>5. The user enters the old password.</li> <li>6. The user enters a new password.</li> <li>7. The user enters the confirmed new password.</li> <li>8. The user clicks on Change Password.</li> <li>9. The system updates the new password to the database through the authentication service.</li> <li>10. The user successfully changes their password.</li> </ol>
Alternative Flows:	N/A
Exceptions:	<p>4.EX.1 The link has expired after an hour at step 5.</p> <ol style="list-style-type: none"> <li>1. The reset password link will not be accessible.</li> <li>2. The user has to redo the Forgot Password steps again.</li> </ol>
Includes:	N/A
Priority:	Low
Frequency of Use:	Low
Business Rules:	N/A
Special Requirements:	N/A
Assumptions:	The reset password link is available for only 1 hour after the email is sent.
Notes and Issues:	N/A

Use Case ID:	5		
Use Case Name:	Edit Account		
Created By:	Kolady Anamika Martin	Last Updated By:	Kolady Anamika Martin
Date Created:	06/09/2022	Date Last Updated:	20/10/2022

Actors:	User, Authentication Service, Database
Description:	The user wants to update their account details.
Trigger:	User changes any detail field on the Account Page.
Preconditions:	<ol style="list-style-type: none"> <li>1. The user has already logged in.</li> <li>2. User clicks on the Account icon on the Navigation bar on the web page.</li> <li>3. User wants to update the account details.</li> </ol>
Postconditions:	<ol style="list-style-type: none"> <li>1. User updates Account details.</li> </ol>
Normal Flow:	<ol style="list-style-type: none"> <li>1. The user clicks on the Account icon on the Navigation bar on the web page.</li> <li>2. The system redirects the user to the Account Page.</li> <li>3. The user clicks on "Edit Profile".</li> <li>4. The system redirects the user to the "Edit Profile" Page.</li> <li>5. The user can change their name and phone number.</li> <li>6. The user clicks on "Save".</li> <li>7. The system will update the new information to the database and authentication service.</li> </ol>
Alternative Flows:	N/A
Exceptions:	N/A
Includes:	N/A
Priority:	Medium
Frequency of Use:	Varies from user to user
Business Rules:	N/A
Special Requirements:	N/A
Assumptions:	N/A
Notes and Issues:	N/A

Use Case ID:	6		
Use Case Name:	Delete Account		
Created By:	Kolady Anamika Martin	Last Updated By:	Everyone
Date Created:	06/09/2022	Date Last Updated:	15/10/2022

Actors:	User, Authentication Service, Database
Description:	The user wants to delete their account.
Trigger:	User clicks on Delete Account on the Account Page.
Preconditions:	<ol style="list-style-type: none"> <li>1. The user has already logged in.</li> <li>2. User clicks on the Account icon on the Navigation bar on the web page.</li> <li>3. User wants to delete their account.</li> </ol>
Postconditions:	<ol style="list-style-type: none"> <li>1. User deletes Account.</li> </ol>
Normal Flow:	<ol style="list-style-type: none"> <li>1. The user clicks on the Account icon on the Navigation bar on the web page.</li> <li>2. The system redirects the user to the Account Page.</li> <li>3. The user clicks on the "Delete Account" button.</li> <li>4. The system will display the message "Do you confirm to delete the account?"</li> <li>5. The user clicks "Yes".</li> <li>6. The system will remove the account from the database and authentication service.</li> <li>7. The system redirects the user to the "Landing/Main/Home" page.</li> </ol>
Alternative Flows:	N/A
Exceptions:	N/A
Includes:	N/A
Priority:	Low
Frequency of Use:	Once per user
Business Rules:	N/A
Special Requirements:	N/A
Assumptions:	N/A
Notes and Issues:	N/A

Use Case ID:	7		
Use Case Name:	Logout		
Created By:	Verma Nandini	Last Updated By:	Everyone
Date Created:	07/09/2022	Date Last Updated:	15/10/2022

Actors:	User
Description:	User wants to logout of the Foodify account.
Trigger:	User is done using the web application and clicks on the “Logout” button.
Preconditions:	<ol style="list-style-type: none"> <li>1. User has an active user account.</li> <li>2. The user has already logged in.</li> <li>3. User clicks on the Account icon on the Navigation bar of the web page.</li> <li>4. User wishes to logout of the application and clicks on the “Logout” button.</li> </ol>
Postconditions:	<ol style="list-style-type: none"> <li>1. User will be logged out of his/her account.</li> </ol>
Normal Flow:	<ol style="list-style-type: none"> <li>1. The user clicks on the “Logout” button on the navigation bar of the web page.</li> <li>2. The system will confirm with the user regarding his/her decision to logout of their application.</li> <li>3. The user confirms to logout of the application.</li> <li>4. The system logs the user out and invalidates the session.</li> <li>5. The user is redirected to the landing/main/home page of the web application.</li> <li>6. The user closes the web application for Foodify.</li> </ol>
Alternative Flows:	<p>7.AC. 1. The user has clicked the “Logout” button accidentally.</p> <ol style="list-style-type: none"> <li>1. When asked to confirm his/her decision to logout of the application, the user clicks “Cancel”.</li> <li>2. The user is redirected to his/her account.</li> </ol>
Exceptions:	N/A
Includes:	N/A
Priority:	High
Frequency of Use:	High
Business Rules:	N/A
Special Requirements:	N/A
Assumptions:	The user cannot use his/her account once logged out. To use it again, he/she needs to login.
Notes and Issues:	N/A

Use Case ID:	8		
Use Case Name:	Add food item		
Created By:	Verma Nandini	Last Updated By:	Kolady Anamika Martin
Date Created:	07/09/2022	Date Last Updated:	20/10/2022

Actors:	User, Database
Description:	User wants to add a food item on his/her Foodify account.
Trigger:	User wants to add a food item.
Preconditions:	<ol style="list-style-type: none"> <li>1. User has an active user account.</li> <li>2. The user has already logged in.</li> </ol>
Postconditions:	<ol style="list-style-type: none"> <li>1. User has added a food item on his/her Foodify account.</li> </ol>
Normal Flow:	<ol style="list-style-type: none"> <li>1. The user clicks on the “Add Food Item” option on the Navigation bar of the web page.</li> <li>2. The system will ask for details (mandatory fields) of the food item - Food Name, Food Category, Description and Expiry Date.</li> <li>3. The user keys in the details and clicks “Save”.</li> <li>4. The system will check if the user has provided valid entries for all the mandatory fields.</li> <li>5. The system will save the details in the database and add the food item to the My Food Items Page.</li> </ol>
Alternative Flows:	<p>8.AF.1. The user has not filled in any mandatory fields and clicks “Save”.</p> <ol style="list-style-type: none"> <li>1.. The system will prompt an error message “Please fill all required fields” and redirect the user back to step 2 of Normal flow.</li> <li>2. The unfilled field(s) will be highlighted in red.</li> </ol> <p>8.AF.1. The user has filled wrongly any mandatory field (for instance, user has accidentally entered a ‘#’ pound symbol in Food Category) and clicks “Save”.</p> <ol style="list-style-type: none"> <li>1. The system will prompt an error message “Please check that all fields are filled correctly”.</li> <li>2. The user is redirected to step 2 of Normal flow and the wrongly filled field will be highlighted in red.</li> </ol>
Exceptions:	<p>8.EX.1 The user is not logged-in in step 1.</p> <ol style="list-style-type: none"> <li>1. The system redirects the user to the login page.</li> </ol>
Includes:	N/A
Priority:	High
Frequency of Use:	Whenever the user wishes to add a food item to their account.
Business Rules:	N/A
Special Requirements:	N/A
Assumptions:	N/A
Notes and Issues:	N/A

Use Case ID:	9
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Use Case Name:	View food item		
Created By:	Verma Nandini	Last Updated By:	Everyone
Date Created:	07/09/2022	Date Last Updated:	15/10/2022

Actors:	User, Database
Description:	User wants to view a food item previously added.
Trigger:	User wants to see all their food items.
Preconditions:	<ol style="list-style-type: none"> <li>1. User has an active user account.</li> <li>2. The user has already logged in.</li> </ol>
Postconditions:	<ol style="list-style-type: none"> <li>1. User has viewed all the food items on his/her Foodify account.</li> </ol>
Normal Flow:	<ol style="list-style-type: none"> <li>1. The user clicks on the “My Food Items” option on the Navigation bar of the web page.</li> <li>2. The list of all the food items added by the user is displayed.</li> </ol>
Alternative Flows:	N/A
Exceptions:	N/A
Includes:	N/A
Priority:	Medium
Frequency of Use:	Medium
Business Rules:	N/A
Special Requirements:	N/A
Assumptions:	N/A
Notes and Issues:	N/A

Use Case ID:	10
Use Case Name:	Delete Food Items upon expiry (by system)

Created By:	Verma Nandini	Last Updated By:	Everyone
Date Created:	07/09/2022	Date Last Updated:	15/10/2022

Actors:	Database
Description:	System compares the expiry date of food items and current date to remove the expired products from the database of the user's Foodify account.
Trigger:	N/A
Preconditions:	1. At least one food item is logged in the database.
Postconditions:	1. Expired food item(s) will be removed from the database of the user's Foodify account.
Normal Flow:	<ol style="list-style-type: none"> <li>1. For all the food items logged in the database, the system compares their expiry date with the present date.</li> <li>2. If the present date is the same as the expiry date for a product, it is deleted from the database.</li> <li>3. The user to which the food item belongs is notified via email.</li> </ol>
Alternative Flows:	N/A
Exceptions:	N/A
Includes:	N/A
Priority:	High
Frequency of Use:	High
Business Rules:	N/A
Special Requirements:	N/A
Assumptions:	N/A
Notes and Issues:	N/A

Use Case ID:	11
Use Case Name:	Delete food items (by user)



Created By:	Verma Nandini	Last Updated By:	Everyone
Date Created:	07/09/2022	Date Last Updated:	15/10/2022

Actors:	User, Database
Description:	User wants to delete food item(s) previously added.
Trigger:	User has consumed the food item.
Preconditions:	1. At least one food item is logged in the database for that user.
Postconditions:	1. Food item(s) will be removed from the database for the user's Foodify account.
Normal Flow:	<ol style="list-style-type: none"> <li>1. The user clicks on the "My Food Items" option on the Navigation bar of the web page.</li> <li>2. The user clicks on the trash bin icon next to the food item they wish to delete.</li> <li>3. Food items are deleted from the database for the user's account.</li> </ol>
Alternative Flows:	N/A
Exceptions:	N/A
Includes:	N/A
Priority:	High
Frequency of Use:	High
Business Rules:	N/A
Special Requirements:	N/A
Assumptions:	N/A
Notes and Issues:	N/A

Use Case ID:	12		
Use Case Name:	Post Food Item on “Market” page		
Created By:	Everyone	Last Updated By:	Everyone
Date Created:	15/10/2022	Date Last Updated:	15/10/2022

Actors:	User, Database
Description:	User wants to sell a food item on the “Market” page.
Trigger:	User realizes he/she cannot consume the food item on time and decides to sell it.
Preconditions:	<ol style="list-style-type: none"> <li>1. User has an active user account.</li> <li>2. The user has already logged in.</li> <li>3. Food Item to be sold is present in the user’s “My Food Item” list.</li> </ol>
Postconditions:	<ol style="list-style-type: none"> <li>1. User has posted a food item on the Market page.</li> </ol>
Normal Flow:	<ol style="list-style-type: none"> <li>1. The user clicks on the “Sell Food Item” option on the Navigation bar of the web page.</li> <li>2. The user enters the title of the post.</li> <li>3. The system prompts the user to select the food item(s) he/she wants to sell out of the user’s “My Food Item” list.</li> <li>4. The user selects the product to be sold from the drop down checklist.</li> <li>5. The system asks the user to enter more details - Description, checkbox for Opened, Price, Image, .</li> <li>6. The user clicks on “Post”.</li> <li>7. The food item gets posted on the “Market” Page and the database is updated.</li> </ol>
Alternative Flows:	N/A
Exceptions:	N/A
Includes:	N/A
Priority:	High
Frequency of Use:	High
Business Rules:	N/A
Special Requirements:	N/A
Assumptions:	N/A
Notes and Issues:	N/A

Use Case ID:	13		
Use Case Name:	View Food Items on “Marketplace” Page		
Created By:	Everyone	Last Updated By:	Everyone
Date Created:	15/10/2022	Date Last Updated:	15/10/2022

Actors:	User, Database
Description:	User wants to buy a food item and views the “Market” page.
Trigger:	User wishes to purchase a food item.
Preconditions:	<ol style="list-style-type: none"> <li>1. User has an active user account.</li> <li>2. The user has already logged in.</li> <li>3. There is at least one food item for purchase on the “Market” page for the user to buy.</li> </ol>
Postconditions:	<ol style="list-style-type: none"> <li>1. User has viewed the food items he/she can potentially purchase.</li> </ol>
Normal Flow:	<ol style="list-style-type: none"> <li>1. The user clicks on the “Marketplace” option on the Navigation bar of the web page.</li> <li>2. The user sees the food items for sale posted by other users.</li> </ol>
Alternative Flows:	N/A
Exceptions:	N/A
Includes:	N/A
Priority:	Medium
Frequency of Use:	High
Business Rules:	N/A
Special Requirements:	N/A
Assumptions:	N/A
Notes and Issues:	N/A

Use Case ID:	14		
Use Case Name:	Start Chat with Seller		
Created By:	Everyone	Last Updated By:	Everyone
Date Created:	15/10/2022	Date Last Updated:	15/10/2022

Actors:	User, Database
Description:	User negotiates an arrangement to purchase and obtain food items from the seller.
Trigger:	User wishes to purchase a food item.
Preconditions:	<ol style="list-style-type: none"> <li>1. User has an active user account.</li> <li>2. The user has already logged in.</li> <li>3. User must be viewing the “Market” Page.</li> <li>4. User is interested in purchasing the said food item.</li> </ol>
Postconditions:	<ol style="list-style-type: none"> <li>1. User has been able to start a chat with the Seller.</li> </ol>
Normal Flow:	<ol style="list-style-type: none"> <li>1. The user sees the food items posted by other Foodify users.</li> <li>2. The user reads a post and wishes to buy it.</li> <li>3. The user accordingly clicks on the chat icon for that particular post.</li> <li>4. The user starts a private chat with the seller.</li> </ol>
Alternative Flows:	N/A
Exceptions:	N/A
Includes:	N/A
Priority:	Medium
Frequency of Use:	High
Business Rules:	N/A
Special Requirements:	N/A
Assumptions:	N/A
Notes and Issues:	N/A

Use Case ID:	15		
Use Case Name:	End Chat with Seller		
Created By:	Everyone	Last Updated By:	Everyone
Date Created:	15/10/2022	Date Last Updated:	15/10/2022

Actors:	User, Database
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Description:	User ends the chat with the seller.
Trigger:	User is no longer interested in purchasing the food item from the seller.
Preconditions:	<ol style="list-style-type: none"> <li>1. User has an active user account.</li> <li>2. The user has already logged in.</li> <li>3. User is having a chat with a seller.</li> </ol>
Postconditions:	<ol style="list-style-type: none"> <li>1. Chat between the user and the seller will be removed from the database.</li> </ol>
Normal Flow:	<ol style="list-style-type: none"> <li>1. The user realizes he is not interested anymore in purchasing the food item.</li> <li>2. User decides to end the chat and clicks on the “End Chat” button.</li> <li>3. User is redirected to the “Market” page.</li> </ol>
Alternative Flows:	N/A
Exceptions:	N/A
Includes:	N/A
Priority:	Medium
Frequency of Use:	Medium
Business Rules:	N/A
Special Requirements:	N/A
Assumptions:	N/A
Notes and Issues:	N/A

Use Case ID:	16		
Use Case Name:	Delete food item from “Market” Page		
Created By:	Everyone	Last Updated By:	Everyone
Date Created:	15/10/2022	Date Last Updated:	15/10/2022

Actors:	User, Database
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Description:	Food item is deleted from the “Market” page.
Trigger:	<ol style="list-style-type: none"> <li>1. User has already consumed the food item.</li> <li>2. Seller has sold food items.</li> <li>3. Food is expired.</li> </ol>
Preconditions:	<ol style="list-style-type: none"> <li>1. User has an active user account.</li> <li>2. The user has already logged in.</li> <li>3. User has posted a food item on the “Market” page.</li> </ol>
Postconditions:	<ol style="list-style-type: none"> <li>1. Food item has been deleted from the “Market” page.</li> <li>2. The database is updated.</li> </ol>
Normal Flow:	<ol style="list-style-type: none"> <li>1. The seller has sold his food to a buyer.</li> <li>2. Buyer has made the payment for the food item.</li> <li>3. The system deletes the food item from the “Market” page.</li> </ol>
Alternative Flows:	<p>17. AF.1 Seller deletes the food item from his/her “My Food Item” page.</p> <ol style="list-style-type: none"> <li>1. Refer to Use Case 11.</li> <li>2. Food Item Posting is automatically deleted from “Market” place database.</li> </ol> <p>17. AF.2 Food Item has expired.</p> <ol style="list-style-type: none"> <li>1. Refer to Use Case 10.</li> </ol>
Exceptions:	N/A
Includes:	N/A
Priority:	High
Frequency of Use:	Medium
Business Rules:	N/A
Special Requirements:	N/A
Assumptions:	N/A
Notes and Issues:	N/A

Use Case ID:	17		
Use Case Name:	Provide Recipes		
Created By:	Everyone	Last Updated By:	Everyone
Date Created:	15/10/2022	Date Last Updated:	15/10/2022

Actors:	User
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Description:	User can view recipes which can be prepared using his/her food item(s).
Trigger:	User wishes to explore what he/she can cook using the food item(s) in his/her possession.
Preconditions:	<ol style="list-style-type: none"> <li>1. User has an active user account.</li> <li>2. The user has already logged in.</li> <li>3. User has at least one food item in his/her “My food items” list.</li> </ol>
Postconditions:	<ol style="list-style-type: none"> <li>1. User can view recipes which can be prepared using his/her food items.</li> </ol>
Normal Flow:	<ol style="list-style-type: none"> <li>1. User clicks on the “Recipes” option from the drop-down menu.</li> <li>2. User can view recipes which can be prepared using his/her food items.</li> </ol>
Alternative Flows:	N/A
Exceptions:	N/A
Includes:	N/A
Priority:	Low
Frequency of Use:	Low
Business Rules:	N/A
Special Requirements:	N/A
Assumptions:	N/A
Notes and Issues:	N/A