Foodie

Test Plan

Team members
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Identification and classification	Test Case 001 – Sign-up with email **System: Foodie** **Module: Sign-up** **Severity: 2**
Instructions	● Click on the Sign Up button ● Fill in the email in incorrect format
Expected Results	● An error message should show up indicating the format issue

Identification and classification	Test Case 002 – Sign-up with email **System: Foodie** **Module: Sign-up** **Severity: 2**
Instructions	● Click on the Sign Up button ● Fill in the email that has already been used
Expected Results	● Server should send back an error response code with the message indicating the email has already been used for registration

Identification and classification	Test Case 003 – Sign-up with email **System: Foodie** **Module: Sign-up** **Severity: 2**
Instructions	● Click on the Sign Up button ● Correctly fill in the email ● Fill in the password whose strength is low

Expected Results	● An error message should show up if the length of the password is lower than 6 or the password only contains at most two of the below: ○ Number, uppercase letter or lowercase letter

Identification and classification	Test Case 004 – Sign-up with email System: Foodie Module: Sign-up Severity: 2
Instructions	● Click on the Sign Up button ● Correctly fill in the email and password ● Incorrectly fill in the password confirmation
Expected Results	● An error message should show up indicating the passwords does not match

Identification and classification	Test Case 005 – Sign-up with email System: Foodie Module: Sign-up Severity: 2
Instructions	● Click on the Sign Up button ● Correctly fill in email, password and password confirmation ● Click on the Submit button to create personal profile
Expected Results	● The server should send back the success response code and redirect to the personal profile page

Identification and classification	Test Case 006 – Login with email System: Foodie Module: Login/logout Severity: 1
Instructions	● Enter the email which has not been registered ● Password does not matter ● Click the Login button

Expected Results	● The server should send back login failure response code and an error message should show up indicating login failure without explicitly saying either the username or the password was incorrect

Identification and classification	Test Case 007 – Login with email **System: Foodie** **Module: Login/logout** **Severity: 1**
Instructions	● Correctly enter the email that has been used for registration ● Enter incorrect password ● Click the Login button
Expected Results	● The server should send back login failure response code and an error message should show up indicating login failure without explicitly saying either the username or the password was incorrect

Identification and classification	Test Case 008 – Login with email **System: Foodie** **Module: Login/logout** **Severity: 1**
Instructions	● Correctly enter the email that has been used for registration ● Correctly enter the password ● Click the login button
Expected Results	● The server should send back login success response code and redirect to the user profile page

Identification and classification	Test Case 009 – Logout **System: Foodie** **Module: Login/logout** **Severity: 1**
Instructions	● Click on the Logout button on the profile page
Expected Results	● The user should log out his/her account and lost

	access to the personal profile page unless login again

Identification and classification	**Test Case 010 – Change account password** **System: Foodie** **Module: Account Edit** **Severity: 1**
Instructions	● Click on the "Change Password" button ● Enter the incorrect old password ● New password and re-enter new password does not matter ● Click on the Submit button
Expected Results	● The server should send back change password failure code indicating the old password is incorrect

Identification and classification	**Test Case 011 – Change account password** **System: Foodie** **Module: Account Edit** **Severity: 1**
Instructions	● Click on the "Change Password" button ● Correctly enter the old password ● Fill in the password whose strength is low
Expected Results	● An error message should show up if the length of the password is lower than 6 or the password only contains at most two of the below: ○ Number, uppercase letter or lowercase letter

Identification and classification	**Test Case 012 – Change account password** **System: Foodie** **Module: Account Edit** **Severity: 1**
Instructions	● Click on the "Change Password" button ● Correctly enter the old password and the new password

	● Incorrectly re-enter the new password
Expected Results	● An error message should show up indicating the passwords does not match

Identification and classification	**Test Case 013 – Change account password** **System: Foodie** **Module: Account Edit** **Severity: 1**
Instructions	● Click on the "Change Password" button ● Correctly enter the old password, the new password, and re-enter the new password
Expected Results	● The server should send back the success response code and an message should show up indicating the success. The page should not be redirected.

Identification and classification	**Test Case 014 – Receive email notifications** **System: Foodie** **Module: User Profile** **Severity: 1**
Instructions	● User successfully created an account
Expected Results	● Server should send an email to the account email account to notify the user

Identification and classification	**Test Case 015 – Receive email notifications** **System: Foodie** **Module: User Profile** **Severity: 1**
Instructions	● User successfully changed the password
Expected Results	● Server should send an email to the account email to notify the user that someone has changed the password

Identification and classification	**Test Case 016 – View Personal Profile** **System: Foodie** **Module: User Profile** **Severity: 2**
Instructions	● Click on the Profile button ● Send API request to fetch the user profile
Expected Results	● If the user is not logged in, no Profile button should be available for clicking ● If the user is not logged in, server should send back authentication failure response code without any user data ● If the user is logged in, the server should retrieve the basic information for the particular user, including email, avatar, favorite recipes and ingredients the user has, from the database and display them on the profile page

Identification and classification	**Test Case 017 – Set/Change avatar picture** **System: Foodie** **Module: User profile** **Severity: 2**
Instructions	● User clicks on the avatar picture or picture placeholder on the user profile page ● User chooses a picture from the local files
Expected Results	● The chosen avatar picture will replace the picture placeholder or the original picture, and will be stored into the database.

Identification and classification	**Test Case 018 – Set/Change avatar picture** **System: Foodie** **Module: User profile** **Severity: 2**
Instructions	● User clicks on the avatar picture or picture placeholder on the user profile page ● User tries to choose a folder as the avatar picture
Expected Results	● Folder icons should only be used for redirection. Double click on the folder icons will not have

	"choose" effect. ● Open or Submit button is disabled.

Identification and classification	**Test Case 019 – Set/Change avatar picture** **System: Foodie** **Module: User profile** **Severity: 2**
Instructions	● User clicks on the avatar picture or picture placeholder on the user profile page ● User closes the file browser without choosing a file
Expected Results	● The avatar picture should remain the same

Identification and classification	**Test Case 020 – Set/Change avatar picture** **System: Foodie** **Module: User profile** **Severity: 2**
Instructions	● User clicks on the avatar picture or picture placeholder on the user profile page ● User chooses a picture file ● User clicks Cancel button on the file browser
Expected Results	● The avatar picture should remain the same

Identification and classification	**Test Case 021 – Set/Change avatar picture** **System: Foodie** **Module: User profile** **Severity: 1**
Instructions	● User clicks on the avatar picture or picture placeholder on the user profile page ● User tries to choose files that are not valid picture formats
Expected Results	● Choosing files of non-picture format should be disabled. Non-picture format files should be grayed out.

Identification and classification	Test Case 022 – Save favorite recipes System: Foodie Module: User profile Severity: 1
Instructions	● User clicks on the white-bordered heart-shaped button on the detailed recipe pages
Expected Results	● The heart-shaped button should be filled with red ● The particular recipe will be saved under the user's favorite recipes field in the database ● Saved recipes will be listed under the "Favorite recipes" section of the user profile

Identification and classification	Test Case 023 – Enter the ingredients System: Foodie Module: Ingredients Store Severity: 1
Instructions	● Clicks on the "Add" button to expand an ingredient form on the add ingredients page ● Click "Save" to submit without any input
Expected Results	● An error message should show up indicating the input is invalid ● No data should be sent to the server

Identification and classification	Test Case 024 – Enter the ingredients System: Foodie Module: Ingredients Store Severity: 1
Instructions	● Clicks on the "Add" button to expand an ingredient form on the add ingredients page ● Fill the form with all spaces ● Click "Save" to submit
Expected Results	● An error message should show up indicating the input is invalid ● No data should be sent to the server

Identification and classification	Test Case 025 – Enter the ingredients System: Foodie Module: Ingredients Store Severity: 2
Instructions	● Clicks on the "Add" button to expand an ingredient form on the add ingredients page ● Fill the form with special characters that would not be in the name of ingredients ● Click "Save" to submit
Expected Results	● An error message should show up indicating the input is invalid ● No data should be sent to the server

Identification and classification	Test Case 025 – Enter the ingredients System: Foodie Module: Ingredients Store Severity: 2
Instructions	● Clicks on the "Add" button to expand an ingredient form on the add ingredients page ● Fill the form with an inedible item ● Click "Save" to submit
Expected Results	● An error message should show up indicating the ingredient is invalid ● No data should be sent to the server

Identification and classification	Test Case 026 – Enter the ingredients System: Foodie Module: Ingredients Store Severity: 1
Instructions	● Clicks on the "Add" button to expand an ingredient form on the add ingredients page ● Correctly fill the form with normal ingredients ● Click "Save" to submit
Expected Results	● The server should send back the success response code and save the ingredient list under user's ingredients into the database ● A success message should show up indicating the

	save action was successful

Identification and classification	Test Case 027 – See recommended recipes System: Foodie Module: Recipe Browser Severity: 1
Instructions	● Users do not have any ingredients in the database
Expected Results	● The client interface should indicate that no ingredient is in their ingredient database

Identification and classification	Test Case 028 – See recommended recipes System: Foodie Module: Recipe Browser Severity: 1
Instructions	● Users have a few ingredients, but no recipe can be made by those ingredients
Expected Results	● The client interface should encourage the user to add more ingredients into their ingredients database

Identification and classification	Test Case 029 – See recommended recipes System: Foodie Module: Recipe Browser Severity: 1
Instructions	● Users have enough ingredients for at least one recipe
Expected Results	● The client interface should display all the recommended recipes in the Recipe Browser page

Identification and classification	Test Case 030 – Back to top button System: Foodie Module: General Tool Severity: 3

Instructions	● User clicks on the "Back to top button" on the Recipe Browser page
Expected Results	● The client interface should set the view to the top

Identification and classification	Test Case 031 – Detailed information of each recipe System: Foodie Module: Detailed Recipe Severity: 1
Instructions	● User enters the url of a recipe using the id of the recipe
Expected Results	● The client interface should render the detailed page about the particular recipe

Identification and classification	Test Case 032 – Detailed information of each recipe System: Foodie Module: Detailed Recipe Severity: 1
Instructions	● User enters the url with an invalid id number in the recipe field
Expected Results	● The client interface should redirect the user to the Recipe Browser page

Identification and classification	Test Case 033 – Detailed information of each recipe System: Foodie Module: Detailed Recipe Severity: 1
Instructions	● User goes to a recipe page with an invalid id in the url ● User enters the url with an invalid content (other than numbers) in the recipe field
Expected Results	● The client interface should render the "Recipe not exists" page

Identification and classification	Test Case 034 – "Like" others' recipes System: Foodie Module: Detailed recipe Severity: 1
Instructions	● User goes into a detailed recipe page ● User clicks on the "Like" button of that recipe if the user did not click it before
Expected Results	● The "Like" count of the recipe should increment by 1 ● The "Like" button should become "Unlike" button

Identification and classification	Test Case 035 – "Like" others' recipes System: Foodie Module: Detailed recipe Severity: 1
Instructions	● User goes into a detailed recipe page ● User clicks on the "Unlike" button if the user clicked "Like" before
Expected Results	● The "Like" count should decrement by 1 ● The "Unlike" button should become "Like" button

Identification and classification	Test Case 036 – Views of recipes System: Foodie Module: Detailed recipe Severity: 1
Instructions	● User clicks on a detailed recipe ● User will go into the detailed recipe page
Expected Results	● The view count of that recipe will increment by 1. ● The view count will be updated in the database.

Identification and classification	Test Case 037 – Reply to comment System: Foodie Module: Comment Severity: 1
Instructions	● Click on the "Comment" button under a recipe

	● Enter the content of the comment ● Click the "Submit" button
Expected Results	● The reply should appear under the recipe

Identification and classification	Test Case 038 – Reply to comment System: Foodie Module: Comment Severity: 1
Instructions	● Click on the "Comment" button under a recipe ● Leave the content empty ● Click the "Submit" button
Expected Results	● An error message should show up indicating the content cannot be empty

Identification and classification	Test Case 039 – Reply to comment System: Foodie Module: Comment Severity: 1
Instructions	● Click on the "Comment" button under a recipe ● Enter the content of more than 140 characters ● Click the "Submit" button
Expected Results	● An error message should show up indicating the content is too long

Identification and classification	Test Case 040 – Reply to comment System: Foodie Module: Comment Severity: 1
Instructions	● Click on the "Reply" button next to a comment ● Enter the content of the reply ● Click "Submit" button
Expected Results	● The reply should be displayed below the comment the user replied to.

Identification and classification	Test Case 041 – Reply to comment System: Foodie Module: Comment Severity: 2
Instructions	● Click on the "Reply" button next to a comment ● Leave the content empty ● Click "Submit" button
Expected Results	● An error message should show up indicating the content cannot be empty

Identification and classification	Test Case 042 – Reply to comment System: Foodie Module: Comment Severity: 2
Instructions	● Click on the "Reply" button next to a comment ● Enter the content of more than 140 characters ● Click the "Submit" button
Expected Results	● An error message should show up indicating the content is too long