

Yummy Testing Manual

Team Puddlejumpers: Aaron Barthel, Lindsey Graham, Kenji Au, Tosin Olaniyi, Krisztina Pap

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Prerequisites

- Yummy currently only supports Windows OS
- Internet access
- A web browser such as Google Chrome, Firefox, or Microsoft Edge
- Database/server must be running
- Must have DOTNET Core 3 installed
- Must have node.js installed

Please see README.md for detailed instructions

DEMO USER LOGIN INFORMATION:

Email: demo@example.com

Password: Demo1!

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Data Supports

User Management

Email

Rules: Cannot be empty. Must have a @ symbol and a . symbol, in that order. Max 320 chars.

Valid example: "test@example.com", "username@yahoo.com"

Invalid example: "", "-8", "-6", "text@test", "Test1234"

Name

Rules: Cannot be empty. String, up to 50 chars

Valid example: "TestUser", "Test", "User123"

Invalid example:

"ThisisastringthatdefinitelylongerthanfiftycharacterslongThisisastringthatdefinitelylongerthanfiftycharacterslongThisisastringthatdefinitelylongerthanfiftycharacterslongThisisastringthatdefinitelylongerthanfiftycharacterslongThisisastringthatdefinitelylongerthanfiftycharacterslong", "", 0

Password

Rules: Cannot be empty. Must have at least one non alphanumeric character, must have at least one digit ('0'-'9'), must have at least one uppercase ('A'-'Z'), must have at least one symbol.

Valid example: "Demo1!", "TestUser1\$2\$3\$"

Invalid example: "password", "test1", "Test?User"

Recipe Management

Recipe Name

Rules: Cannot be empty, must be between 3 and 50 chars

Valid example: "Chicken and potato soup"

Invalid example: ""

Ingredients

Rules: Cannot be empty, every meal must have at least 1 ingredient

Valid example: "olive oil", "chicken breast"

Invalid example: -6, ""

Ingredient Name

Rules: Field cannot be empty, string, must be between 3 and 50 chars

Valid example: "Chicken breast", "Olive oil"

Invalid example: "a", ""

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Ingredient Quantity

Rules: Decimal, must be between 0 and 100,000

Valid example: 4, 300

Invalid example: "hello", -75

Instructions

Rules: Long text/string, must be between 10 and 60,000

Valid example: "Place tortillas on a work surface."

Invalid example: "hello", -6

Prep. time

Rules: Decimal, must be between 1 and 6,000

Valid example: 5, 3.25

Invalid example: "hello", -54

Cook time

Rules: Decimal

Valid example: 20, 8.5

Invalid example: "hello"

Servings

Rules: Integer, must be between 1 and 1,000

Valid example: 4, 56

Invalid example: "5.657", "hello"

Carbohydrates

Rules: Integer, must be between 0 and 100,000

Valid example: 6, 888

Invalid example: "hello", -7

Fats

Rules: Integer, must be between 0 and 100,000

Valid example: 3, 4567

Invalid example: "hello", -7

Proteins

Rules: Integer, must be between 0 and 100,000

Valid example: 45, 3245

Invalid example: "hello", -7

Recipe Category

Rules: Every recipe must have a category selected from dropdown.

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Notes

Rules: String, must be between 10 and 5,000

Valid example: "** Chipotle chiles in adobo sauce are smoked jalapeños packed in a flavorful sauce."

Invalid example: "hello", -75

Behavioural/User Scenarios

#1 User sign-in (login)

Test Case: Valid email and valid password

Pre-Condition: User knows their email address and password

Test Steps: Enter email. Enter password. Click Submit.

Test Data: <Valid email>, <Valid password>

Expected Result: Successful login

Actual Result: Successful login (Directs user back to the page where they were asked to sign in or to the Meal Plan if they came from the login page.)

Test Case: Valid email and missing password

Pre-Condition: User knows their email address but doesn't enter a password.

Test Steps: Enter email. Click Submit.

Test Data: <Valid email>

Expected Result: A prompt "Please fill out this field."

Actual Result: A prompt "Please fill out this field."

Email:

Password:

Please fill out this field.

Submit No account? Sign up

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Test Case: Missing email and valid password

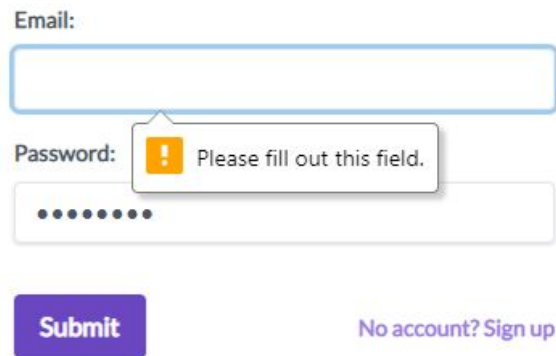
Pre-Condition: User doesn't enter their email address. They enter their password.

Test Steps: Enter password. Click Submit.

Test Data: <Valid password>

Expected Result: A prompt "Please fill out this field."

Actual Result: A prompt "Please fill out this field."



The screenshot shows a login form with two input fields: "Email:" and "Password:". The "Email:" field is empty and has a blue border. The "Password:" field contains several dots, indicating a masked password. A yellow tooltip with an exclamation mark icon and the text "Please fill out this field." is pointing to the "Email:" field. Below the fields are a purple "Submit" button and a link that says "No account? Sign up".

Test Case: Valid email and invalid password

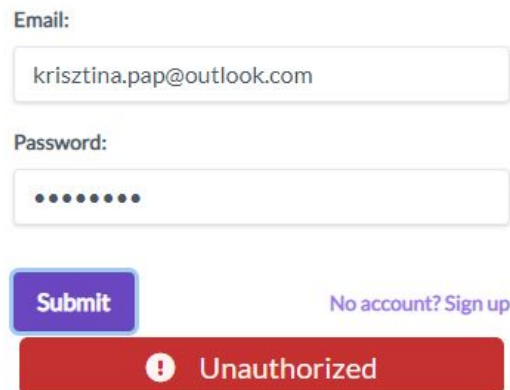
Pre-Condition: User knows their email address but enters incorrect password.

Test Steps: Enter email. Enter password. Click Submit.

Test Data: <Valid email>, <Invalid password>

Expected Result: A non-specific error message "Unauthorized".

Actual Result: A non-specific error message "Unauthorized".



The screenshot shows a login form with two input fields: "Email:" and "Password:". The "Email:" field contains the text "krisztina.pap@outlook.com". The "Password:" field contains several dots, indicating a masked password. Below the fields are a purple "Submit" button and a link that says "No account? Sign up". A red banner at the bottom of the form contains a white exclamation mark icon and the text "Unauthorized".

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Test Case: Invalid email and valid password

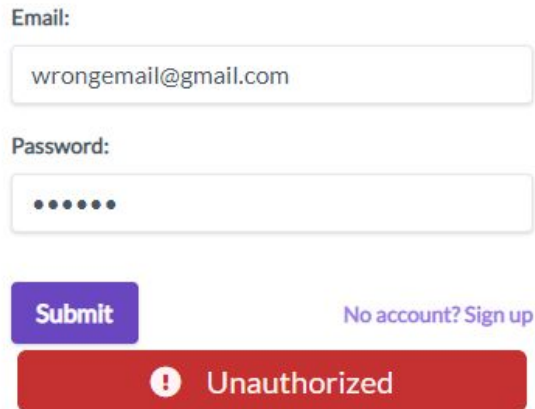
Pre-Condition: User enters incorrect email and valid password.

Test Steps: Enter email. Enter password. Click Submit.

Test Data: <Invalid email>, <Valid password>

Expected Result: A non-specific error message "Unauthorized".

Actual Result: A non-specific error message "Unauthorized".



The screenshot shows a login interface. At the top, there is an 'Email:' label followed by a text input field containing 'wrongemail@gmail.com'. Below this is a 'Password:' label followed by a password input field with ten dots. To the left of the password field is a purple 'Submit' button. To the right is a link that says 'No account? Sign up'. At the bottom, a red banner displays a white exclamation mark icon and the text 'Unauthorized'.

Test Case: Invalid email and invalid password

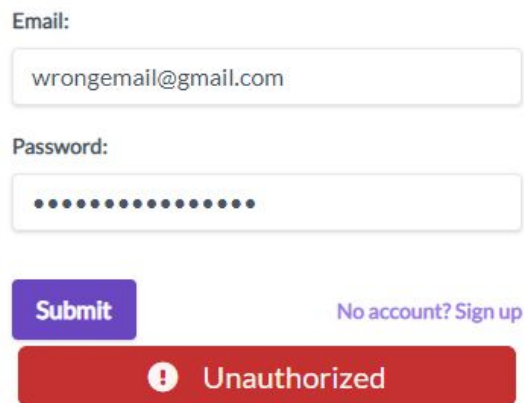
Pre-Condition: User enters incorrect email and password.

Test Steps: Enter email. Enter password. Click Submit.

Test Data: <Invalid email>, <Invalid password>

Expected Result: A non-specific error message "Unauthorized".

Actual Result: A non-specific error message "Unauthorized".



The screenshot shows a login interface. At the top, there is an 'Email:' label followed by a text input field containing 'wrongemail@gmail.com'. Below this is a 'Password:' label followed by a password input field with ten dots. To the left of the password field is a purple 'Submit' button. To the right is a link that says 'No account? Sign up'. At the bottom, a red banner displays a white exclamation mark icon and the text 'Unauthorized'.

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#2 New user signup

Test Case: Successful user creation

Pre-Condition: User enters all valid information and new account gets created

Test Steps: Enter email. Enter name. Enter password. Re-enter password. Click Submit.

Test Data: <Valid email>, <Valid name>, <Valid password>, <Valid password>

Expected Result: A message "User created successfully!". User is redirected to the Login page.

Actual Result: A message "User created successfully!". User is redirected to Login page

The screenshot shows a user registration form with the following fields: Email, Name, Password, and Re-enter Password. Each field has a corresponding input box. Below the fields is a purple 'Submit' button and a link that says 'Have an account? Log in'. At the bottom, there is a green notification bar with a white exclamation mark icon and the text 'User created successfully!'.

Test Case: Password and re-entered password do not match

Pre-Condition: User enters two different passwords instead of the same one twice

Test Steps: Enter email. Enter name. Enter password. Re-enter password. Click Submit.

Test Data: <Valid email>, <Valid name>, <Valid password>, <Valid password 2>

Expected Result: An error message "Passwords do not match".

Actual Result: An error message "Passwords do not match".

The screenshot shows the same user registration form as above, but with the following data entered: Email is 'tester', Name is 'Person', Password is represented by 8 dots, and Re-enter Password is also represented by 8 dots. The 'Submit' button is purple, and the 'Have an account? Log in' link is present. At the bottom, there is a red notification bar with a white exclamation mark icon and the text 'Passwords do not match'.

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Test Case: Password does not meet requirements

Pre-Condition: User enters a password such as "password"

Test Steps: Enter email. Enter name. Enter password. Re-enter password. Click Submit.

Test Data: <Valid email>, <Valid name>, <Invalid password>, <Invalid password>

Expected Result: An error message "User creation failed! Please check user details and try again. Passwords must have at least one non alphanumeric character. Passwords must have at least one digit ('0'-'9'). Passwords must have at least one uppercase ('A'-'Z')." "

Actual Result: "User creation failed! Please check user details and try again. Passwords must have at least one non alphanumeric character. Passwords must have at least one digit ('0'-'9'). Passwords must have at least one uppercase ('A'-'Z')." "

The screenshot shows a user registration form with the following fields: Email (containing 'email@email.com'), Name (containing 'Test User'), Password (masked with dots), and Re-enter Password (masked with dots). Below the fields is a purple 'Submit' button and a link 'Have an account? Log in'. A red error message box is displayed below the form, containing the text: 'User creation failed! Please check user details and try again. Passwords must have at least one non alphanumeric character. Passwords must have at least one digit ('0'-'9'). Passwords must have at least one uppercase ('A'-'Z').'

#3 Add New Recipe

Test Scenario: User wants to add a new recipe (successful)

Pre-Condition: User is logged in.

Test Steps: Click on the menu button. Click on 'Add a Recipe'. Enter all required information. Click 'Submit'.

Test Data: <valid recipe name><valid photo><valid ingredients><valid instructions><valid prep time><valid cook time><valid servings><valid carbohydrates><valid fats><valid proteins><valid recipe category><valid notes>

Expected Result: Redirects user to the created recipe's page.

Actual Result: Redirects user to the created recipe's page.

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Test Scenario: User wants to add a new recipe (not successful - required field missing)

Pre-Condition: User is logged in.

Test Steps: Click on the menu button. Click on 'Add a Recipe'. Click 'Submit'.

Expected Result: Specific error messages.

Actual Result:

ERROR: There was problem with your recipe!

- Your recipe is missing a name!
 - One of your ingredients is missing a name!
 - One of your ingredients is missing a quantity!
 - One of your ingredients is missing a unit of measure!
 - Please enter a number for prep time (min) to make your recipe!
 - Please enter a number for the number of servings your recipe makes!
 - Please enter a number for the amount of carbohydrates in your recipe!
 - Please enter a number for the amount of fat in your recipe!
 - Please enter a number for the amount of protein in your recipe!
 - Please select a category your recipe belongs to!
-

#4 Edit a recipe

Test Scenario: User wants to edit one of their recipes (successful)

Pre-Condition: User is logged in.

Test Steps: Navigate to Recipes page and click on the recipe you want to edit. Click on the Edit recipe button at the bottom of the page.

Expected Result: Success message. Recipe is reloaded with new data.

Actual Result: Success message. Recipe is reloaded with new data.

#5 Create new plan

Test Scenario: User wants to create a new plan (successful)

Pre-Condition: User is logged in.

Test Steps: Click on the menu button. Click on 'Dashboard'. Drag a recipe to the plan and drop into a meal slot.

Expected Result: Recipe shows in appropriate slot. Recipe also shows on the recipe list so the user can use it on another day. When the user logs out and back in, data persists.

Actual Result: Recipe shows in appropriate slot. Recipe also shows on the recipe list so the user can use it on another day. When the user logs out and back in, data persists.

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#6 Delete recipe

Test Scenario: User wants to delete a recipe (successful)

Pre-Condition: User is logged in.

Test Steps: Navigate to Recipes page. Choose a recipe to delete by clicking on the trash can icon on the right. Confirm that you want to delete the recipe by clicking on the red 'yes' button.

Expected Result: Reloads recipe list without deleted recipe.

Actual Result: Reloads recipe list without deleted recipe.