UAT Stories for Dietary Management Component

UAT Story 1: Add a Dietary Preference

Title: Verify that a user can add a dietary preference

Acceptance Criteria:

- Given the user is authenticated and has no existing dietary preference,

- When the user selects a dietary preference (e.g., Vegan, Gluten-Free, Halal),

- And optionally adds additional notes or allergies,

- Then the dietary preference should be successfully saved,

- And the user should see a success message confirming the addition of the preference.

Test Steps:

1. Log in as a new user (with no dietary preference saved).

2. Navigate to the Dietary Management component.

3. Select a dietary preference (e.g., 'Vegan') from the dropdown.

4. Optionally add allergies and notes.

5. Click 'Add Preference.'

6. Verify that a success message appears.

7. Verify that the dietary preference is displayed under 'My Dietary Preferences' after submission.

UAT Story 2: Prevent Multiple Preferences

Title: Verify that a user cannot add multiple dietary preferences

Acceptance Criteria:

- Given the user is authenticated and already has a dietary preference,

- When the user attempts to add another preference,

- Then the system should prevent the user from adding a second preference,

- And an error message should be displayed, suggesting they update the existing preference instead.

Test Steps:

1. Log in as a user who already has a dietary preference (e.g., 'Vegan').

2. Navigate to the Dietary Management component.

3. Attempt to add a new preference without updating the existing one.

4. Verify that the system prevents the addition of a new preference.

5. Verify that an error message appears, stating 'You already have a dietary preference. Please update it instead of adding a new one.'

UAT Story 3: Edit a Dietary Preference

Title: Verify that a user can update an existing dietary preference

Acceptance Criteria:

- Given the user is authenticated and has an existing dietary preference,

- When the user updates the preference (e.g., changes from Vegan to Gluten-Free),

- And clicks the 'Update' button,

- Then the system should update the dietary preference and display a success message,

- And the new preference should be reflected in the Dietary Management component.

Test Steps:

1. Log in as a user with an existing dietary preference (e.g., 'Vegan').

2. Navigate to the Dietary Management component.

3. Click the 'Edit' button on the existing preference.

4. Change the dietary preference from 'Vegan' to 'Gluten-Free.'

5. Click 'Update Preference.'

6. Verify that the system updates the preference and shows a success message.

7. Confirm that the new preference ('Gluten-Free') is now displayed.

UAT Story 4: Delete a Dietary Preference

Title: Verify that a user can delete a dietary preference

Acceptance Criteria:

- Given the user is authenticated and has an existing dietary preference,

- When the user clicks 'Delete' for their dietary preference,

- Then the system should prompt the user for confirmation,

- And upon confirmation, the dietary preference should be deleted,

- And the user should see a success message confirming the deletion.

Test Steps:

1. Log in as a user with an existing dietary preference.

2. Navigate to the Dietary Management component.

3. Click the 'Delete' button on the dietary preference.

4. Confirm the deletion when prompted.

5. Verify that the system deletes the preference and displays a success message.

6. Confirm that no dietary preference is displayed afterward.

UAT Story 5: Validate Allergies Input Format

Title: Verify that the system validates the allergies input field

Acceptance Criteria:

- Given the user is adding or editing a dietary preference,

- When the user enters invalid characters (e.g., numbers, special characters) in the allergies field,

- Then the system should display an error message,

- And the dietary preference should not be saved until the input is corrected.

Test Steps:

1. Log in as a user.

2. Navigate to the Dietary Management component.

3. Enter a dietary preference (e.g., 'Vegan').

4. In the allergies field, enter invalid data such as 'Peanut123' or 'Egg$#'.

5. Click 'Add Preference' or 'Update Preference.'

6. Verify that the system displays an error message: 'Please enter only valid allergy names (letters and commas).'

7. Correct the allergies input (e.g., 'Peanuts, Eggs').

8. Submit the preference and verify the system accepts the valid input.

UAT Story 6: Display User's Dietary Preference

Title: Verify that only the logged-in user's dietary preference is displayed

Acceptance Criteria:

- Given the user is authenticated,

- When the user navigates to the Dietary Management component,

- Then the system should display only the dietary preference of the logged-in user,

- And if no preference is found, a message should appear indicating 'No dietary preferences found.'

Test Steps:

1. Log in as a user with a dietary preference.

2. Navigate to the Dietary Management component.

3. Verify that only the logged-in user's dietary preference is displayed.

4. Log out and log in as a different user.

5. Verify that the different user's preference is displayed (or 'No dietary preferences found' if they have none).

UAT Story 7: Restrict Allergens Field

Title: Verify that the allergens field is optional but correctly handled if left blank

Acceptance Criteria:

- Given the user is authenticated,

- When the user leaves the allergens field blank while adding or editing a dietary preference,

- Then the system should accept the blank value,

- And the preference should be saved without any allergens.

Test Steps:

1. Log in as a user.

2. Navigate to the Dietary Management component.

3. Select a dietary preference but leave the allergens field empty.

4. Click 'Add Preference' or 'Update Preference.'

5. Verify that the preference is saved successfully, and no allergens are displayed for the saved preference.