Acceptance Tests and Acceptance Criteria

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Task Matrix

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Recipe Suggestion Test Favorite Recipes Test Recipe Details Test	User Registration Test User Login Test	Introduction Acceptance Criterias

Table Of Contents

1) Introduction

This document outlines the acceptance criteria and test cases for Todayz-Meal project. The acceptance tests ensure that the systam meets functional and non-functional requirements before deployment.

In this document, you can find:
- ➢ Define of clear and measurable acceptance criterias fort he four selected scenarios.
- ➢ Four acceptance tests based on the acceptance criterias for the four selected scenarios.
- ➢ Explanation of how each test corresponds to the acceptance criteria.

2) Acceptance Criterias

Use Case	Acceptance Criteria
User Registration	Users must be able to sign up with using a valid email and password.
User Login	Users must be able to sign in with using a valid email and password that have been used during sign up.
Recipe Suggestion	The system must generate recipe suggestions that include the input ingredients
Favorite Recipes	Users must be able to save favorite recipes.
Recipe Details	The system must show the recipe details when wanted with ingredients, steps and estimated cooking time.

3) Acceptance Test Cases

1. <u>User Registration Test</u>
    - ➢ **Objective:** Verify that users can create an account using Firebase Authentication.

    - ➢ **Test Steps:**

        1. Navigate to the registration page.
        2. Enter a valid email and password into the corresponding areas.
        3. Confirm the password with repeating.

4. Click the sign up button.
5. Verify that the user is redirected to the login page.
6. Verify that you can see the user in the Firebase authentication storage.

➢ **Expected Result:** The user is succesfully redirected to the login page, account is successfully created and the data is stored in Firebase Authentication.

2. User Login Test
   ➢ **Objective:** Verify that users can login to the website with their valide mail and password that have been used during registration and stored in Firebase.

   ➢ **Test Steps:**

   1. Navigate to the login page.
   2. Enter a valid email and password that have been stored in Firebase Authentication.
   3. Click the submit button.
   4. Verify that the user is redirected to the main page if email and password is true or is stayed at login page else.

   ➢ **Expected Result:** If the input email and password is stored in Firebase and true, then user can login to the website successfully. Else, the login should be unsuccessfull.

3. Recipe Suggestion Test
   ➢ **Objective:** Verify that users receive recipe suggestions that include input ingredients.

   ➢ **Test Steps:**

   1. Navigate to the main page.
   2. Enter some ingredients. (e. g. Tomato chicken)
   3. Click the search button.
   4. Verify that recipes appear on the page.
   5. Verify that suggested recipes contains input ingredients.

4. Favorite Recipes Test
   ➢ **Objective:** Ensure that users can save and display their favorite recipes.

   ➢ **Test Steps:**

   1. Perform a recipe search.
   2. Click on a recipe to view details.
   3. Click to "Save to Favorites" button.
   4. Navigate to the user page and verify that the saved recipe appears.
   5. Verify that the favorite recipe stored in Firebase.

- ➤ **Expected Result:** The selected recipe is saved and displayed in the user page. The favorite recipe stored in Firebase.

5. <u>Recipe Details Test</u>
   - ➤ **Objective:** Ensure that detailed recipe information is displayed correctly with input ingredients, preparation steps and preparation time.

   - ➤ **Test Steps:**

     1. Click on a recipe from search results.
     2. Verify that the details page shows all relevant information.

   - ➤ **Expected Result:** The system displays the recipe name, ingredients containing inputs, preparation steps and estimated cooking time.