**User Acceptance Testing (UAT) Template**

| Date | 08 March 2025 |
| --- | --- |
| Team ID | SWTID1741236614157183 |
| Project Name | RhythmicTunes: Your Melodic Companion |
| Maximum Marks | 4 marks |
| **Team member** | **HARIHARAN G,BHARANI RAM S, GUNAL S,GIRIDHARAN G, PONJEEVA S** |

**Project Overview**

**Project Name:** Recipe book

**Project Description:** A React-based recipe discovery application that allows users to search, filter, and save recipes using a third-party API. Features include ingredient-based search, meal categorization, nutritional information, and a user-friendly UI/UX.

**Project Version:** v1.0

**Testing Period:** March 1, 2025 - March 8, 2025

**Testing Scope**

**Features and Functionalities to be Tested**

✅ Home Page & Navigation  
✅ Recipe Search & Discovery  
✅ API Integration for Recipe Data  
✅ Filtering Recipes by Ingredients, Cuisine, and Meal Type  
✅ Viewing Recipe Details with Cooking Instructions & Nutritional Info  
✅ UI/UX Testing (Responsiveness, Icons, Styling)  
✅ Error Handling & Performance Testing

**User Stories or Requirements to be Tested**

**📌**Searching & Viewing Recipes  
📌 Filtering Recipes by Ingredients, Cuisine, and Dietary Preferences  
📌 Displaying Recipe Details with Step-by-Step Instructions & Nutritional Facts  
📌 Responsive UI across Mobile, Tablet, and Desktop  
📌 Handling API Errors Gracefully

**Test Cases**

| **Test Case ID** | **Test Scenario** | **Test Steps** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| --- | --- | --- | --- | --- | --- |
| **TC-001** | Load Homepage | 1. Open the application  2. Homepage loads | Homepage should display popular recipes and search functionality | [Actual Result] | [Pass/Fail] |
| **TC-002** |  | 1. Enter a recipe name in search 2. Click search | Matching recipes should be displayed | [Actual Result] | [Pass/Fail] |
| **TC-003** | View Recipe Details | 1. Click on a recipe 2. View details (ingredients, instructions, nutritional facts) | Recipe details should be displayed correctly | [Actual Result] | [Pass/Fail] |
| **TC-004** | Mobile Responsiveness | 1. Open the app on a mobile device 2. Navigate through pages | UI should be responsive and properly displayed | [Actual Result] | [Pass/Fail] |

**Bug Tracking**

| **Bug ID** | **Bug Description** | **Steps to Reproduce** | **Severity** | **Status** | **Additional Feedback** |
| --- | --- | --- | --- | --- | --- |
| **BG-001** | Search results take too long to load | 1.Search for a recipe  2. Observe slow response time | High | Open | Need API response optimization |
| **BG-002** | Filtering feature not working correctly | 1. Select a filter option  2. Observe incorrect results | Medium | In Progress | Filtering logic needs debugging |
| **BG-003** | UI overlaps on small screen devices | 1. Open app on small devices (iPhone SE) 2. Observe UI distortion | Low | Open | Adjust CSS for better responsiveness |