Test Plan – CookUpCompanion

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# Test Data

Website – not hosted yet

Desktop application – CookUpCompanion

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| --- | --- | --- | --- |
| **Email** | **Password** | **Role** | **Platform** |
| test@gmail.com | test | user | Website |
| admin@gmail.com | Admin1 | Admin | Desktop and Website |
| bannedUser@gmail.ocm | bannedUser | user | Website |
|  |  |  |  |

# Test plan

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| --- | --- | --- | --- | --- | --- |
| ID | UC | Name | Pre-Condition | Test data | Expected Recult |
| TC-01 | UC-01 | User Registration | User is on the registration page. | Name: Test User  Email: test@gmail.com  Username: testuser  Password: test | Confirmation of registration.  System displays a message that the account has been successfully created.  User can navigate to the login page. |
| TC-01 a | UC-01 | User Registration with Duplicate Email | User attempts registration with an already used email. | Name: Test User  Email:test@gmail.com  Username: testuser  Password: test | System prevents registration and alerts about the duplicate email or username. |
| TC-02 | UC-02 | User Login (Web Application) | User has an existing account and is on the login page. | Username: testuser  Password: test | Successful login.  User gains access to their dashboard. |
| TC-02a | UC-02 | User Login with Incorrect Email | User attempts to login with incorrect email. | Email: wrongEmail@gmail.com  Password: testuser | Login fails. System displays an error message. |
| TC-02b | UC-02 | User Login with Incorrect Password | User attempts to login with incorrect password. | Email: testuser@gmail.com  Password:wrongpassword | Login fails. System displays an error message. |
| TC-03 | UC-03 | Admin/Moderator Login (Desktop Application) | Admin/Moderator has installed the CookUp Companion Desktop Application. | Username: admin  Password: admin1 | Successful login.  Admin/Moderator gains access to the admin dashboard. |
| TC-03a | TC-03 | Admin Login with Incorrect Credentials | Admin/Moderator enters incorrect login details. | Username: admin  Password: wrongpassword | Login fails. System displays an error message for incorrect credentials. |
| TC-04 | UC-04 | Manage Access Control | User is trying to access a restricted area. | Username:bannedUser  Access Attempt: Moderator Tools | Access denied message.  System informs the user they do not have the necessary permissions. |
| TC-04a | UC-04 | Access Control with Unauthorized User | Non-moderator user attempts to access moderator tools. | Username: testuser  Access Attempt: Moderator Tools | Access denied. User receives a message for lack of permissions. |
| TC-05 | UC-05 | Schedule Meal Planning | User is logged in and has recipes saved . | Username: testuser  Selected Recipes: "Basic cokies", | User successfully creates a meal plan.  Meal plan is viewable in the user's profile. |
| TC-05a | UC-05 | Failed Save Weekly planner Due to Server Error | Server issues while saving a recipes for the week. | Username: testuser  Recipe: "Basic Cookie" | Username: testuser  Recipe: "Basic Cookie" |
| TC-6 | UC-06 | Manage and Save Recipes | User is logged in and viewing a recipe. | Username: testuser  Recipe: "Vegan Tacos" | Recipe is saved to the user's profile.  User can access saved recipe in their favorites list. |
| TC-6a | UC-06 | Failed Recipe Save Due to Server Error | Server issues while saving a recipe. | Username: testuser  Recipe: "Basic Cookie" | System fails to save recipe and displays a server error message. |
| TC-7 | UC-07 | Participate in Recipe Rating | User is logged in and viewing a recipe. | Username: testuser  Recipe: "Homemade Pizza"  Reaction: Like | Recipe rating is updated.  System calculates the new average rating and reflects it immediately. |
| TC-7a | UC-07 | Recipe Rating by Non-Authenticated User | Non-authenticated user tries to rate a recipe. | User not logged in Recipe: "Scramble Eggs" | System prevents rating and prompts for user login. |
| TC-8 | UC-08 | Show Recipe Nutrition Score | User is logged in and viewing a recipe. | Username: testuser  Recipe: "Kale Salad" | The nutrition score table for "Kale Salad" is displayed.  The data matches the expected nutritional values. |
| TC-8a | UC-08 | Display Incomplete Nutrition Data | Recipe with incomplete nutrition data is accessed. | Username: testuser  Recipe: "Scramble eggs" | System displays the recipe with 0 for each nutrition data. |
| TC-9 | UC-09 | Search and Filter Recipes | User is logged in and on the recipe search page. | Username: testuser  Search Criteria: Gluten-Free | System displays a list of gluten-free recipes.  User can interact with the search results and view recipe details. |
| TC-9a | UC-09 | Recipe Search with Zero Results | User searches for a non-existent recipe. | Username: testuser  Search Criteria: "xyz" | No results found. System suggests checking search terms or viewing popular recipes. |
| TC-10 | UC-10 | Find Similar Recipes | User is selected recommend in recipes page. | Username: testuser | System suggests recipes similar to "Beef Stew".  User is presented with a list that matches their interest. |
| TC-10a | UC-10 | Find Similar Recipes With no liked recipes | User is selected recommend in recipes page. | Username: testuser | System suggests trending recipes. |
| TC-11 | UC-11 | Recommended Recipes | User is viewing their recipe dashboard. | Username: testuser  Liked Recipes: Various | System analyzes liked and saved recipes.  User receives a list of recommended recipes based on their preferences. |
| TC-12 | UC-12 | Create and Publish a Recipe | User is logged in and has recipe information ready to publish. | Username: testuser  Recipe Details: "Quinoa Salad", ingredients, steps, photos | Recipe "Quinoa Salad" is published to the community.  Others can view the recipe on the platform. |
| TC-12a | UC-12 | Publish Recipe Without Mandatory Fields | User tries to publish a recipe missing required fields. | Username: testuser  Recipe Details: Missing steps | System prevents publishing and requires missing details. |
| TC-13 | UC-13 | User Share Recipe | User is logged in and wants to share a recipe with their network. | Username: testuser  Recipe: "Pad Thai" | Share link is generated for "Pad Thai".  User can paste and share the link outside the platform. |
| TC-13a | UC-13 | Share Recipe Without Internet | User tries to share a recipe during a network outage. | Username: testuser  Recipe: "Chicken Curry" | System fails to generate share link and notifies about network error. |
| TC-14 | UC-14 | Admin Content Moderation | Administrator is logged in to moderate content. | Username: admin  Reported Content: Inappropriate recipe comments | Admin reviews and takes appropriate action on reported content.  Community standards are upheld. |
| TC-14a | UC-14 | Admin Content Moderation Without Action | Admin views reported content but takes no action. | Username: admin  Reported Content: Spam comment | No changes made. Reminder for pending actions is displayed. |
| TC-15 | UC-15 | Update User Roles and Permissions | Administrator is logged in and on the user management dashboard. | Admin Username: admin  Target User: morator  New Role: Moderator | New role and permissions are successfully updated for “morator” has Moderator access upon next login. |
| TC-16 | UC-16 | Ban or Suspend a User Account | A user has violated community guidelines. | Admin Username: admin\_judge  Offending User: bannedUser | Admin reviews the report and suspends “bannedUser” account.  “bannedUser “receives a suspension notification and cannot access their account. |
| TC-16a | UC-16 | Unsuspend Account Without Review | Admin tries to unsuspend an account without proper review. | Admin Username: admin User: bannedUser | Unsuspension fails. System prompts for mandatory review completion. |
| TC-16b | TC-16 | Account Review  And there is no reason for ban | Admin check that the repost is checked . | Admin Username: admin User: userToBan | The report get remove from the list and get checked as viewed. |
| TC-17 | UC-17 | Adding Recipe Ingredients to Shopping Cart | User is viewing a recipe they wish to cook. | Username: testuser  Recipe: "Classic Brownies" | All ingredients for "Classic Brownies" are added to the shopping cart.  Shopping cart is updated and user can review the list. |
| TC-17a | UC-17 | Adding Recipe Ingredients to Shopping Cart  Without Internet | User tries to add ingredients form the recipe during a network outage. | Username: testuser  Recipe: "Scramble Egss" | System fails to save ingredient to the shopping cart and notifies about network error. |
| TC-18 | UC-18 | Check Off Shopping Cart Items | User is in their shopping cart section. | Username: testuser  Item to Check Off: Chocolate Chips | User checks off 'Chocolate Chips'.  Item is removed from the shopping list and the cart is updated. |