

(US001) - As a cook I want the website to make suggestions to me so I can be introduced to new content.

	Tests	Required result
1.0	<ul style="list-style-type: none">• Resize screen<ul style="list-style-type: none">○ Open dev tools with inspect○ Toggle device toolbar○ Use responsive to scale screen horizontally to minimum target	✓ Page reflows as expected without horizontal overflow.
Feature: Homepage shows latest recipes		
	Tests	Required result
1.1.1	<ul style="list-style-type: none">• Open homepage	<ul style="list-style-type: none">✓ Page renders correctly✓ The latest uploaded recipes are shown.
1.1.2	<ul style="list-style-type: none">• Select recipe card	✓ Page links to correct recipe page

(US002) - As a cook I want to see reviews and ratings from other users so I can select the best content.

Feature: Ratings are shown on the front page and with search results		
	Tests	Required result
2.1.1	<ul style="list-style-type: none">• Open homepage	✓ Rating stars are correctly displayed in recipe card.
2.1.2	<ul style="list-style-type: none">• Open Search page	✓ Rating stars are correctly displayed beneath search icons.

	<ul style="list-style-type: none"> ○ Select a cuisine icon or perform a search 	
Feature: Recipe pages show a recipe's rating and comment list		
	Tests	Required result
2.2.1	<ul style="list-style-type: none"> • Open a recipe page 	✓ Rating stars are correctly displayed in recipe header
2.2.2	<ul style="list-style-type: none"> • Open a recipe page <ul style="list-style-type: none"> ○ Scroll to comment section 	✓ Any comments are correctly displayed with comment text and author name.

(US003) – As a cook I want to search recipes by name so that I can find specific dishes that I want to make.

	Tests	Required result
3.0.1	<ul style="list-style-type: none"> • Open search page 	✓ Cuisine icons are shown if no search has been performed.
3.0.2	<ul style="list-style-type: none"> • Resize screen <ul style="list-style-type: none"> ○ Open dev tools with inspect ○ Toggle device toolbar ○ Use responsive to scale screen horizontally to minimum target 	✓ Page content reflows correctly without horizontal overflow.
Feature: The basic search feature performs text searches on the name and description field		
	Tests	Required result
3.1.1	<ul style="list-style-type: none"> • Select search field <ul style="list-style-type: none"> ○ Type a search string into the search field 	✓ The returned results conform to the search string.

	<ul style="list-style-type: none"> ○ Hit the enter key 	✓ If there are more than 10 results: results are paginated correctly and the pagination control appears.
3.1.1	<ul style="list-style-type: none"> ● Select a result 	✓ The correct recipe page is displayed.

(**US004**) - As a cook I want to search recipes on cuisine type so that I can get dishes of a specific type I want to make.

(**US005**) - As a cook I want to be able to filter recipes based on cooking time so I can get dishes I have time to prepare.

	Tests	Required result
4.0.1	<ul style="list-style-type: none"> ● Open search page <ul style="list-style-type: none"> ○ Click "Advanced Search" 	<ul style="list-style-type: none"> ✓ Advanced Search options are displayed. ✓ Search fields have default values.
4.0.2	<ul style="list-style-type: none"> ● Resize screen <ul style="list-style-type: none"> ○ Open dev tools with inspect ○ Toggle device toolbar ○ Use responsive to scale screen horizontally to minimum target 	<ul style="list-style-type: none"> ✓ Page content reflows correctly without horizontal overflow.

Feature: The advanced search feature performs searches on the cuisines field

	Tests	Required result
4.1.1	<ul style="list-style-type: none"> ● Select cuisines field 	✓ Returned results all belong to the correct cuisine type.

	<ul style="list-style-type: none"> ○ Select a cuisine type ○ Click Submit button 	<ul style="list-style-type: none"> ✓ If there are more than 10 results: results are paginated correctly and the pagination control appears.
Feature: The advanced search feature performs searches on the servings field		
	Tests	Required result
5.1.1	<ul style="list-style-type: none"> • Select servings field <ul style="list-style-type: none"> ○ Set a servings number ○ Click Submit button 	<ul style="list-style-type: none"> ✓ Only numbers can be entered. ✓ Returned results all have the correct number of servings. ✓ If there are more than 10 results: results are paginated correctly and the pagination control appears.
Feature: The advanced search feature performs searches on the time field		
	Tests	Required result
5.2.1	<ul style="list-style-type: none"> • Select time field <ul style="list-style-type: none"> ○ Set hours in the dialog ○ Set minutes in the dialog ○ Click ok ○ Click Submit button 	<ul style="list-style-type: none"> ✓ The time dialog is selected and allows the user to select minutes and hours. ✓ When the time picker dialog is closed the field is set to the correct value. ✓ Returned results all have a cooking time lower than or equal to the search query. ✓ If there are more than 10 results: results are paginated correctly and the pagination control appears.
Feature: The advanced search feature performs searches on the rating field		
	Tests	Required result
5.3.1	<ul style="list-style-type: none"> • Select a star from the star ratings field <ul style="list-style-type: none"> ○ Click Submit button 	<ul style="list-style-type: none"> ✓ The correct star is highlighted along with previous stars in the control.

		<ul style="list-style-type: none"> ✓ Returned results all have a rating higher than or equal to the search query. ✓ If there are more than 10 results: results are paginated correctly and the pagination control appears.
Feature: The advanced search feature performs searches on any combination of fields		
	Tests	Required result
5.4.1	<ul style="list-style-type: none"> • Fill out different combinations of search fields <ul style="list-style-type: none"> ○ Click Submit button 	<ul style="list-style-type: none"> ✓ The search results conform to the combined search queries. ✓ If there are more than 10 results: results are paginated correctly and the pagination control appears.

(US006) - As a cook I want to save my favourite recipes so that I can quickly find them again in the future.

Feature: Recipes can be favourited with a heart icon on the recipe page.		
	Tests	Required result
6.1.1	<ul style="list-style-type: none"> • Log in to a user account • Open a recipe page <ul style="list-style-type: none"> ○ Select the heart icon in the recipe header 	<ul style="list-style-type: none"> ✓ Heart icon appears in recipe page header only when a registered user is logged in. ✓ Heart toggles filled/unfilled when selected.
	<ul style="list-style-type: none"> • Open the user account's profile page <ul style="list-style-type: none"> ○ Click the username in the menu bar ○ Select profile • Select the newly favourited recipe 	<ul style="list-style-type: none"> ✓ Recipe icon appears in user's favourited list. ✓ Recipe icon links back to recipe page.

(US007) - As a recipe creator I want to upload my own recipes so that other users can benefit from them.

	Tests	Required result
7.0	<ul style="list-style-type: none">• Resize screen<ul style="list-style-type: none">○ Open dev tools with inspect○ Toggle device toolbar○ Use responsive to scale screen horizontally to minimum target	<ul style="list-style-type: none">✓ Page content reflows correctly without horizontal overflow.
Feature: Recipes can be added with the "add recipe" option on the main menu.		
	Tests	Required result
7.1.1	<ul style="list-style-type: none">• Log in to a user account• Select "Add Recipe" from the menu bar	<ul style="list-style-type: none">✓ Add Recipe option only appears when a registered user is logged in.✓ Add Recipe page is displayed.
7.1.2	<ul style="list-style-type: none">• Click "upload image"<ul style="list-style-type: none">○ Select an image file from the dialog	<ul style="list-style-type: none">✓ Image upload dialog is displayed.✓ Image is uploaded.✓ Uploaded image appears in the Add recipe header.
7.1.3	<ul style="list-style-type: none">• Add a recipe title	<ul style="list-style-type: none">✓ Title can be filled out.
7.1.4	<ul style="list-style-type: none">• Select the time field<ul style="list-style-type: none">○ Select hours in time picker○ Select minutes in time picker	<ul style="list-style-type: none">✓ Time picker appears.✓ Hours and minutes can be selected.✓ Time is shown in the time field correctly.

	<ul style="list-style-type: none"> ○ Click "Ok" 	
7.1.5	<ul style="list-style-type: none"> • Select serving field <ul style="list-style-type: none"> ○ Set a serving number 	<ul style="list-style-type: none"> ✓ Only numbers can be added.
7.1.6	<ul style="list-style-type: none"> • Select the cuisine type field <ul style="list-style-type: none"> ○ Select a cuisine type 	<ul style="list-style-type: none"> ✓ Cuisine types are correctly shown in the dropdown. ✓ The selected cuisine type appears in the field.
7.1.7	<ul style="list-style-type: none"> • Add a recipe description 	<ul style="list-style-type: none"> ✓ Description can be filled out.
7.1.8	<ul style="list-style-type: none"> • Click add ingredient button (+) <ul style="list-style-type: none"> ○ Add ingredient to text field ○ Repeat steps for each ingredient ○ Click X button on an ingredient field 	<ul style="list-style-type: none"> ✓ A new field is added to the list. ✓ Ingredient field can be filled out. ✓ An unwanted field can be removed.
7.1.9	<ul style="list-style-type: none"> • Click add method step button (+) <ul style="list-style-type: none"> ○ Add step to text field ○ Repeat steps for each method step ○ Click X button on a step field 	<ul style="list-style-type: none"> ✓ A new field is added to the list. ✓ Step field can be filled out. ✓ An unwanted field can be removed.
7.1.10	<ul style="list-style-type: none"> • Click "Submit" 	<ul style="list-style-type: none"> ✓ Form is submitted. ✓ New recipe page is displayed. ✓ Recipe information is correct.

(US008) - As a recipe creator I want to gain feedback on my recipes so I can discover improvements.

Feature: The site allows users to comment on and rate recipes from the recipe page.		
	Tests	Required result
8.1.1	<ul style="list-style-type: none"> • Log in to a user account • Open a recipe page <ul style="list-style-type: none"> ○ Scroll to comment section ○ Type a comment into the comment field ○ Click Submit 	<ul style="list-style-type: none"> ✓ Comment field is only displayed if a registered user is logged in. ✓ Comment can be added. ✓ Comment appears at the end of the comment list.
Feature: The site allows users to delete their own comments.		
	Tests	Required result
8.2.1	<ul style="list-style-type: none"> • Log in to a user account • Open a recipe page <ul style="list-style-type: none"> ○ Scroll to comment section ○ Click the delete button on the comment 	<ul style="list-style-type: none"> ✓ Comment delete button is only displayed if the current user is the author or admin. ✓ The comment is removed from the list.

(US009) - As a recipe creator I want to be able to edit a recipe I have posted so I can improve it.		
Feature: The site allows the recipe author to edit the recipe from the recipe page		
	Tests	Required result
9.1.1	<ul style="list-style-type: none"> • Log in to a user account • Open a recipe page uploaded by the account <ul style="list-style-type: none"> ○ Click the edit button 	<ul style="list-style-type: none"> ✓ Edit option is only displayed if the current user is admin or recipe author. ✓ Edit recipe page is displayed.

		✓ Correct recipe information is added to the fields as pre-existing defaults.
9.1.2	<ul style="list-style-type: none"> • Edit fields <ul style="list-style-type: none"> ○ Click the submit button 	<ul style="list-style-type: none"> ✓ Fields can be edited. ✓ Recipe page is displayed with the new data.
The site allows the recipe author to delete the recipe from the recipe page.		
	Tests	Required result
9.2.1	<ul style="list-style-type: none"> • Log in to a user account • Open a recipe page uploaded by the account <ul style="list-style-type: none"> ○ Click the delete button ○ In the modal dialog select "NO" ○ Click the delete button ○ In the modal dialog select "YES" 	<ul style="list-style-type: none"> ✓ Delete option is only displayed if the current user is admin or recipe author. ✓ Modal delete confirmation dialog is shown ✓ Selecting "NO" cancels the deletion and returns to the recipe page. ✓ Selecting "YES" deletes the recipe.

(US010) - As a new user I want to be able to register with the site so that I can upload new recipes and track my favourites.		
	Tests	Required result
10.0	<ul style="list-style-type: none"> • Resize screen <ul style="list-style-type: none"> ○ Open dev tools with inspect ○ Toggle device toolbar ○ Use responsive to scale screen horizontally to minimum target 	<ul style="list-style-type: none"> ✓ Page content reflows correctly without horizontal overflow.
Feature: New users can register on the site from the log on page.		

	Tests	Required result
10.1.1	<ul style="list-style-type: none"> • Open the login page <ul style="list-style-type: none"> ○ Select "Register" in dialog box title 	<ul style="list-style-type: none"> ✓ Login page can only be shown if no user is logged in. ✓ Login page is shown. ✓ Register dialog is shown. ✓ Dialog box is correctly sized and positioned.
10.1.2	<ul style="list-style-type: none"> • Select username <ul style="list-style-type: none"> ○ Add an existing username ○ Add a unique username 	<ul style="list-style-type: none"> ✓ Existing usernames are flagged as invalid. ✓ Form can not be submitted with an invalid username. ✓ Usernames not matching criteria are rejected. ✓ New usernames matching criteria are accepted.
10.1.3	<ul style="list-style-type: none"> • Select password field <ul style="list-style-type: none"> ○ Add an invalid password ○ Add a valid password 	<ul style="list-style-type: none"> ✓ Invalid passwords set the field invalid. ✓ Password field gives a hint for password requirements. ✓ Form cannot be submitted with an invalid password. ✓ Valid passwords are accepted.
10.1.4	<ul style="list-style-type: none"> • Select confirm password field <ul style="list-style-type: none"> ○ Add a password that does not match the password field ○ Add a matching password 	<ul style="list-style-type: none"> ✓ Non-matching passwords set the field invalid. ✓ Confirm password field alerts the user. ✓ Form cannot be submitted with a non-matching password. ✓ Matching passwords are accepted.
10.1.5	<ul style="list-style-type: none"> • Submit form <ul style="list-style-type: none"> ○ Click submit with invalid fields ○ Click submit with only valid fields 	<ul style="list-style-type: none"> ✓ A form with invalid fields will not submit. ✓ Invalid fields are flagged with error messages and hints. ✓ Valid forms will submit. ✓ A new user is added.

(US011) - As a registered user I want to be able to log into my account so that I can access my recipes and favourites.

Feature: Registered users can log in to the site from the log on page.

	Tests	Required result
11.1.1	<ul style="list-style-type: none">• Open the login page	<ul style="list-style-type: none">✓ Login page can only be shown if no user is logged in.✓ Login page is shown.✓ Login dialog is shown.✓ Dialog box is correctly sized and positioned.
11.1.2	<ul style="list-style-type: none">• Select username<ul style="list-style-type: none">○ Add invalid username○ Add valid username	<ul style="list-style-type: none">✓ Usernames not matching criteria are set invalid.✓ Usernames matching criteria are set valid.
11.1.3	<ul style="list-style-type: none">• Select password<ul style="list-style-type: none">○ Add invalid password○ Add valid password	<ul style="list-style-type: none">✓ Passwords not matching criteria are set invalid.✓ Passwords matching criteria are set valid.
11.1.4	<ul style="list-style-type: none">• Click "Log In"<ul style="list-style-type: none">○ Log in with invalid fields○ Log in with valid fields<ul style="list-style-type: none">▪ Log in with non-registered user▪ Log in with registered user	<ul style="list-style-type: none">✓ Forms with invalid fields are not submitted.✓ Invalid fields are flagged with warning hints.✓ Forms with valid fields are submitted.✓ Non-registered users or incorrect passwords redirect to login form with error message.

		✓ Registered users are logged in and redirected to the home page.
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(US012) - As an admin I want to be able to edit content to ensure it adheres to site rules.

Feature: The site allows admin users to edit any recipe from its page.

	Tests	Required result
12.1.1	<ul style="list-style-type: none"> • Login as an administrator account • Open a recipe page uploaded by another user <ul style="list-style-type: none"> ○ Click the edit button 	<ul style="list-style-type: none"> ✓ Edit option is shown in recipe header. ✓ Edit recipe is shown.
12.1.2	<ul style="list-style-type: none"> • From edit recipe page: <ul style="list-style-type: none"> ○ Make changes to recipe data ○ Click submit button 	<ul style="list-style-type: none"> ✓ Edit page has correct recipe and information. ✓ Changes are save to recipe page.

Feature: The site allows admin users to delete any recipe from its page

	Tests	Required result
12.2.1	<ul style="list-style-type: none"> • Log in to an administrator account • Open a recipe page uploaded by the account <ul style="list-style-type: none"> ○ Click the delete button ○ In the modal dialog select "NO" ○ Click the delete button ○ In the modal dialog select "YES" 	<ul style="list-style-type: none"> ✓ Delete option is displayed. ✓ Modal delete confirmation dialog is shown ✓ Selecting "NO" cancels the deletion and returns to the recipe page. ✓ Selecting "YES" deletes the recipe.

Feature: The site allows admin users to delete any comment		
	Tests	Required result
12.3.1	<ul style="list-style-type: none"> • Log in to an administrator account • Open a recipe page <ul style="list-style-type: none"> ○ Scroll to comment section ○ Click the delete button on the comment 	<ul style="list-style-type: none"> ✓ Comment delete button is displayed ✓ The comment is removed from the list.

(US013) - As a user I want to receive clear feedback for my actions so I know if any further action is required.

Feature: Flash messages from the server provides information, warning and error messages raised during backend operations.		
	Tests	Required result
13.1.1	<ul style="list-style-type: none"> • Log into a user account • Open a recipe page uploaded by user <ul style="list-style-type: none"> ○ Select delete recipe 	<ul style="list-style-type: none"> ✓ A Flash message is displayed indicating success or failure.
13.1.2	<ul style="list-style-type: none"> • Log into a user account • Open a recipe page <ul style="list-style-type: none"> ○ Scroll to comment section ○ Delete a comment added by the user 	<ul style="list-style-type: none"> ✓ A Flash message is displayed indicating success or failure.
13.1.3	<ul style="list-style-type: none"> • Register a new user account 	<ul style="list-style-type: none"> ✓ A Flash message is displayed indicating success or failure.
13.1.4	<ul style="list-style-type: none"> • Log in an existing account 	<ul style="list-style-type: none"> ✓ A Flash message is displayed indicating success or failure.

13.1.5	<ul style="list-style-type: none"> • Log into a user account • Log out of user account 	✓ A Flash message is displayed indicating success or failure.
Feature: Forms indicate required fields with warning messages on submit.		
Feature: Forms provide validation warnings through colour cues and messages on the form field.		
	Tests	Required result
13.2.1	<ul style="list-style-type: none"> • Open log in page <ul style="list-style-type: none"> ○ Add invalid data to fields and try to submit 	<ul style="list-style-type: none"> ✓ Invalid fields are flagged. ✓ Form will not submit.
13.2.2	<ul style="list-style-type: none"> • Open log in page <ul style="list-style-type: none"> ○ Select Register in login dialog ○ Add invalid data to fields and try to submit 	<ul style="list-style-type: none"> ✓ Invalid fields are flagged. ✓ Form will not submit.
13.2.3	<ul style="list-style-type: none"> • Log into a user account • Open the edit or add recipe page <ul style="list-style-type: none"> ○ Try to submit with empty required fields 	<ul style="list-style-type: none"> ✓ Invalid fields are flagged. ✓ Form will not submit.
13.2.4	<ul style="list-style-type: none"> • Search with an empty form 	✓ Page redirects to search page without error.
Feature: Interactive site components react to user actions with hover cues.		
	Tests	Required result
13.4.1	<ul style="list-style-type: none"> • Hover interactive elements 	✓ A hover effect is shown.
Feature: Recipe ingredients in the recipe ingredient list indicate usage or availability.		
	Tests	Required result

13.5.1	<ul style="list-style-type: none"> • Open a recipe page <ul style="list-style-type: none"> ○ Scroll to ingredient section ○ Click ingredient list elements 	<ul style="list-style-type: none"> ✓ The Ingredient checkbox is toggled. ✓ The ingredient text is shown as crossed out if checkbox is checked.
Feature: Recipe steps can be highlighted to indicate the user's current progress.		
	Tests	Required result
13.6.1	<ul style="list-style-type: none"> • Open a recipe page <ul style="list-style-type: none"> ○ Scroll to ingredient section ○ Select Method tab ○ Hover step ○ Click step 	<ul style="list-style-type: none"> ✓ The step is highlighted on hover. ✓ The step remains highlighted on click. ✓ Step number is highlighted when selected.