

N01712631 – Digna Patel

Recipe Management System Testing Proof

RecipesController

curl -X "GET" "<https://localhost:7124/api/Recipes/ListRecipes>"

```
Command Prompt
C:\Users\digna>curl -X "GET" "https://localhost:7124/api/Recipes/ListRecipes"
[{"recipeId":1,"name":"Avocado Salad","cuisine":"Mexican","mealPlanId":1,"mealPlanName":"Weight Loss Plan"}, {"recipeId":2,"name":"Quinoa Bowl","cuisine":"American","mealPlanId":1,"mealPlanName":"Weight Loss Plan"}, {"recipeId":3,"name":"Protein Smoothie","cuisine":"Mixed","mealPlanId":2,"mealPlanName":"High Protein Plan"}, {"recipeId":4,"name":"Vegan Pasta","cuisine":"Italian","mealPlanId":3,"mealPlanName":"Vegan Diet Plan"}, {"recipeId":5,"name":"Green Smoothie","cuisine":"Mixed","mealPlanId":3,"mealPlanName":"Vegan Diet Plan"}, {"recipeId":6,"name":"Keto Egg Muffins","cuisine":"American","mealPlanId":4,"mealPlanName":"Keto Plan"}]
C:\Users\digna>
```

curl -X "GET" "<https://localhost:7124/api/Recipes/FindRecipe/1>"

```
Command Prompt
C:\Users\digna>curl -X "GET" "https://localhost:7124/api/Recipes/FindRecipe/1"
{"recipeId":1,"name":"Avocado Salad","cuisine":"Mexican","mealPlanId":1,"mealPlanName":"Weight Loss Plan"}
C:\Users\digna>curl -X "GET" "https://localhost:7124/api/Recipes/FindRecipe/2"
{"recipeId":2,"name":"Quinoa Bowl","cuisine":"American","mealPlanId":1,"mealPlanName":"Weight Loss Plan"}
C:\Users\digna>curl -X "GET" "https://localhost:7124/api/Recipes/FindRecipe/3"
{"recipeId":3,"name":"Protein Smoothie","cuisine":"Mixed","mealPlanId":2,"mealPlanName":"High Protein Plan"}
C:\Users\digna>curl -X "GET" "https://localhost:7124/api/Recipes/FindRecipe/4"
{"recipeId":4,"name":"Vegan Pasta","cuisine":"Italian","mealPlanId":3,"mealPlanName":"Vegan Diet Plan"}
C:\Users\digna>curl -X "GET" "https://localhost:7124/api/Recipes/FindRecipe/8"
{"type":"https://tools.ietf.org/html/rfc9110#section-15.5.5","title":"Not Found","status":404,"traceId":"00-83e05e53aca18e3e08a60f6a816f4d-b6f6bc9f3769f61a-00"}
C:\Users\digna>curl -X "GET" "https://localhost:7124/api/Recipes/FindRecipe/5"
{"recipeId":5,"name":"Green Smoothie","cuisine":"Mixed","mealPlanId":3,"mealPlanName":"Vegan Diet Plan"}
C:\Users\digna>curl -X "GET" "https://localhost:7124/api/Recipes/FindRecipe/6"
{"recipeId":6,"name":"Keto Egg Muffins","cuisine":"American","mealPlanId":4,"mealPlanName":"Keto Plan"}
C:\Users\digna>curl -X "GET" "https://localhost:7124/api/Recipes/FindRecipe/7"
{"type":"https://tools.ietf.org/html/rfc9110#section-15.5.5","title":"Not Found","status":404,"traceId":"00-8182d0f9bb19b57efe6ff57b0bfd5057-322152939aac32c7-00"}
C:\Users\digna>curl -X "GET" "https://localhost:7124/api/Recipes/FindRecipe/10"
{"type":"https://tools.ietf.org/html/rfc9110#section-15.5.5","title":"Not Found","status":404,"traceId":"00-0ef71c9bfd3f25cab8dd3f370bc2d378-472a0ec2b8cdc335-00"}
C:\Users\digna>curl -X "GET" "https://localhost:7124/api/Recipes/FindRecipe/-1"
{"type":"https://tools.ietf.org/html/rfc9110#section-15.5.5","title":"Not Found","status":404,"traceId":"00-39a42f5201a15e35d9bc4cafb5901c8e-1d752756665a61f0-00"}
C:\Users\digna>
```

curl -X PUT -H "Content-Type: application/json" -d '{"RecipeId": 1, "Name": "Chickpea Paneer Curry", "Cuisine": "Indian", "MealPlanId": 2, "MealPlanName": "High Protein Plan"}' "<https://localhost:7124/api/Recipes/UpdateRecipe/1>"

```
Command Prompt
C:\Users\digna>curl -X PUT -H "Content-Type: application/json" -d '{"RecipeId": 1, "Name": "Avocado Salad", "Cuisine": "Mexican", "MealPlanId": 2, "MealPlanName": "High Protein Plan"}' "https://localhost:7124/api/Recipes/UpdateRecipe/10"
ID in the URL does not match the Recipe ID in the body.
C:\Users\digna>curl -X PUT -H "Content-Type: application/json" -d '{"RecipeId": 1, "Name": "Avocado Salad", "Cuisine": "Mexican", "MealPlanId": 2, "MealPlanName": "High Protein Plan"}' "https://localhost:7124/api/Recipes/UpdateRecipe/1"
C:\Users\digna>curl -X PUT -H "Content-Type: application/json" -d '{"RecipeId": 1, "Name": "Coffee", "Cuisine": "Mexican", "MealPlanId": 2, "MealPlanName": "High Protein Plan"}' "https://localhost:7124/api/Recipes/UpdateRecipe/2"
ID in the URL does not match the Recipe ID in the body.
C:\Users\digna>curl -X PUT -H "Content-Type: application/json" -d '{"RecipeId": 2, "Name": "Coffee", "Cuisine": "Mexican", "MealPlanId": 2, "MealPlanName": "High Protein Plan"}' "https://localhost:7124/api/Recipes/UpdateRecipe/2"
C:\Users\digna>curl -X PUT -H "Content-Type: application/json" -d '{"RecipeId": 6, "Name": "Chickpea Paneer Curry", "Cuisine": "Indian", "MealPlanId": 2, "MealPlanName": "High Protein Plan"}' "https://localhost:7124/api/Recipes/UpdateRecipe/6"
C:\Users\digna>
```

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Recipe Management System Testing Proof

curl -X POST -H "Content-Type: application/json" -d '{"Name": "Chickpea Paneer Curry", "Cuisine": "Indian", "MealPlanId": 2, "MealPlanName": "High Protein Plan"}'
<https://localhost:7124/api/Recipes/AddRecipe>

```
Command Prompt
C:\Users\digna>curl -X POST -H "Content-Type: application/json" -d '{"Name": " Chickpea Paneer Curry", "Cuisine": "Indian", "MealPlanId": 5, "MealPlanName": "High Protein Plan"}' "https://localhost:7124/api/Recipes/AddRecipe"
{"type":"https://tools.ietf.org/html/rfc9110#section-15.5.5","title":"Not Found","status":404,"traceId":"00-76b660348c52620f0b4aee4a9a9c5b1c-200512519076a9a3-00"}
C:\Users\digna>curl -X POST -H "Content-Type: application/json" -d '{"Name": " Chickpea Paneer Curry", "Cuisine": "Indian", "MealPlanId": 2, "MealPlanName": "High Protein Plan"}' "https://localhost:7124/api/Recipes/AddRecipe"
{"recipeId":0,"name":" Chickpea Paneer Curry","cuisine":"Indian","mealPlanId":2,"mealPlanName":"High Protein Plan"}
C:\Users\digna>curl -X POST -H "Content-Type: application/json" -d '{"Name": " Sweet", "Cuisine": "Indian", "MealPlanId": 5, "MealPlanName": "High Protein Plan"}' "https://localhost:7124/api/Recipes/AddRecipe"
{"type":"https://tools.ietf.org/html/rfc9110#section-15.5.5","title":"Not Found","status":404,"traceId":"00-7e59061bac13993b405e2a10538e6700-73292654ab2bfc64-00"}
C:\Users\digna>curl -X POST -H "Content-Type: application/json" -d '{"Name": " Sweet", "Cuisine": "Indian", "MealPlanId": 5, "MealPlanName": "High Protein Plan"}' "https://localhost:7124/api/Recipes/AddRecipe"
{"type":"https://tools.ietf.org/html/rfc9110#section-15.5.1","title":"One or more validation errors occurred.","status":400,"errors":{"recipeDto":{"The recipeDto field is required."},"$.MealPlanName":["The JSON value could not be converted to System.String. Path: $.MealPlanName | LineNumber: 0 | BytePositionInLine: 74."]},"traceId":"00-5b3a76862c07ab0492156d08ae29f0e8-564c4716dab5c82e-00"}
C:\Users\digna>curl -X POST -H "Content-Type: application/json" -d '{"Name": " Sweet", "Cuisine": "Indian", "MealPlanId": 2, "MealPlanName": "High Protein Plan"}' "https://localhost:7124/api/Recipes/AddRecipe"
{"recipeId":0,"name":" Sweet","cuisine":"Indian","mealPlanId":2,"mealPlanName":"High Protein Plan"}
C:\Users\digna>
```

curl -X "DELETE" "<https://localhost:7124/api/Recipes/DeleteRecipe/7>"

```
Command Prompt
C:\Users\digna>curl -X "DELETE" "https://localhost:7124/api/Recipes/DeleteRecipe/0"
{"type":"https://tools.ietf.org/html/rfc9110#section-15.5.5","title":"Not Found","status":404,"traceId":"00-aebfc4791cbfebf6a559fc8472579033-94d9b4a23e85e514-00"}
C:\Users\digna>curl -X "DELETE" "https://localhost:7124/api/Recipes/DeleteRecipe/15"
{"type":"https://tools.ietf.org/html/rfc9110#section-15.5.5","title":"Not Found","status":404,"traceId":"00-f496271e5007617b70df2914582b61dd-0d1e4b51d0da9284-00"}
C:\Users\digna>curl -X "DELETE" "https://localhost:7124/api/Recipes/DeleteRecipe/7"
{"type":"https://tools.ietf.org/html/rfc9110#section-15.5.5","title":"Not Found","status":404,"traceId":"00-4086af6ffef79fd25f125d81903b5614-67432facd8a2f6f4-00"}
C:\Users\digna>curl -X "DELETE" "https://localhost:7124/api/Recipes/DeleteRecipe/16"
{"type":"https://tools.ietf.org/html/rfc9110#section-15.5.5","title":"Not Found","status":404,"traceId":"00-4086af6ffef79fd25f125d81903b5614-67432facd8a2f6f4-00"}
C:\Users\digna>curl -X "DELETE" "https://localhost:7124/api/Recipes/DeleteRecipe/20"
{"type":"https://tools.ietf.org/html/rfc9110#section-15.5.5","title":"Not Found","status":404,"traceId":"00-0ece3d42fede2dec285578466d02e99-f2223c30084ed56b-00"}
C:\Users\digna>
```

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Recipe Management System Testing Proof

MealPlansController

curl -X "GET" "<https://localhost:7124/api/MealPlans/ListMealPlans>"

```
Command Prompt
C:\Users\digna>curl -X "GET" "https://localhost:7124/api/MealPlans/ListMealPlans"
[{"mealPlanId":1,"name":"Weight Loss Plan","date":"2025-02-01T00:00:00"}, {"mealPlanId":2,"name":"High Protein Plan","date":"2025-02-05T00:00:00"}, {"mealPlanId":3,"name":"Vegan Diet Plan","date":"2025-02-10T00:00:00"}, {"mealPlanId":4,"name":"Keto Plan","date":"2025-02-15T00:00:00"}]
C:\Users\digna>
```

curl -X "GET" "<https://localhost:7124/api/MealPlans/FindMealPlan/1>"

```
Command Prompt
C:\Users\digna>curl -X "GET" https://localhost:7124/api/MealPlans/FindMealPlan/1
{"mealPlanId":1,"name":"Weight Loss Plan","date":"2025-02-01T00:00:00"}
C:\Users\digna>curl -X "GET" https://localhost:7124/api/MealPlans/FindMealPlan/2
{"mealPlanId":2,"name":"High Protein Plan","date":"2025-02-05T00:00:00"}
C:\Users\digna>curl -X "GET" https://localhost:7124/api/MealPlans/FindMealPlan/3
{"mealPlanId":3,"name":"Vegan Diet Plan","date":"2025-02-10T00:00:00"}
C:\Users\digna>curl -X "GET" https://localhost:7124/api/MealPlans/FindMealPlan/4
{"mealPlanId":4,"name":"Keto Plan","date":"2025-02-15T00:00:00"}
C:\Users\digna>curl -X "GET" https://localhost:7124/api/MealPlans/FindMealPlan/0
{"type":"https://tools.ietf.org/html/rfc9110#section-15.5.5","title":"Not Found","status":404,"traceId":"00-f2524a6c5ea0236f31db872212ff74f4-a94a20195f325235-00"}
C:\Users\digna>curl -X "GET" https://localhost:7124/api/MealPlans/FindMealPlan/10
{"type":"https://tools.ietf.org/html/rfc9110#section-15.5.5","title":"Not Found","status":404,"traceId":"00-fc9986db352c45757054718671822dc4-65db6d6a2b0e1ebb-00"}
C:\Users\digna>curl -X "GET" https://localhost:7124/api/MealPlans/FindMealPlan/15
{"type":"https://tools.ietf.org/html/rfc9110#section-15.5.5","title":"Not Found","status":404,"traceId":"00-0770acf76f75169a89ffaca369e65d9e-fcccb09e1511c068-00"}
C:\Users\digna>curl -X "GET" https://localhost:7124/api/MealPlans/FindMealPlan/5
{"type":"https://tools.ietf.org/html/rfc9110#section-15.5.5","title":"Not Found","status":404,"traceId":"00-18714ef86200d75e22eff985a12c109b-e4cc198591e47945-00"}
C:\Users\digna>curl -X "GET" https://localhost:7124/api/MealPlans/FindMealPlan/2
{"mealPlanId":2,"name":"High Protein Plan","date":"2025-02-05T00:00:00"}
C:\Users\digna>
```

curl -X PUT -H "Content-Type: application/json" -d '{"MealPlanId": 1, "Name": "Weight Loss Plan", "Date": "2025-02-09T00:00:00"}' "<https://localhost:7124/api/MealPlans/UpdateMealPlan/1>"

```
Command Prompt
C:\Users\digna>curl -X PUT -H "Content-Type: application/json" -d '{"MealPlanId": 10, "Name": "Weight Loss Plan", "Date": "2025-02-09T00:00:00"}' "https://localhost:7124/api/MealPlans/UpdateMealPlan/10"
{"type":"https://tools.ietf.org/html/rfc9110#section-15.5.5","title":"Not Found","status":404,"traceId":"00-d9e2f78f5573a813d8ff34870ec9c75d-0cab82690435c060-00"}
C:\Users\digna>curl -X PUT -H "Content-Type: application/json" -d '{"MealPlanId": 5, "Name": "Weight Loss Plan", "Date": "2025-02-09T00:00:00"}' "https://localhost:7124/api/MealPlans/UpdateMealPlan/5"
{"type":"https://tools.ietf.org/html/rfc9110#section-15.5.5","title":"Not Found","status":404,"traceId":"00-14a6fa820f7e912a34925b85058693e8-9b4be06d226c844d-00"}
C:\Users\digna>curl -X PUT -H "Content-Type: application/json" -d '{"MealPlanId": 1, "Name": "Weight Loss Plan", "Date": "2025-02-09T00:00:00"}' "https://localhost:7124/api/MealPlans/UpdateMealPlan/1"
ID mismatch
C:\Users\digna>curl -X PUT -H "Content-Type: application/json" -d '{"MealPlanId": 1, "Name": "Xyz Plan", "Date": "2025-02-09T00:00:00"}' "https://localhost:7124/api/MealPlans/UpdateMealPlan/2"
ID mismatch
C:\Users\digna>curl -X PUT -H "Content-Type: application/json" -d '{"MealPlanId": 2, "Name": "Xyz Plan", "Date": "2025-02-09T00:00:00"}' "https://localhost:7124/api/MealPlans/UpdateMealPlan/2"
C:\Users\digna>
```

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Recipe Management System Testing Proof

curl -X POST -H "Content-Type: application/json" -d '{"Name\: \"Diet Plan\", \"Date\: \"2025-02-08T00:00:00\"}'

<https://localhost:7124/api/MealPlans/AddMealPlan>

```
Command Prompt
C:\Users\digna>curl -X POST -H "Content-Type: application/json" -d '{"Name\: \"Diet Plan\", \"Date\: \"2025-02-08T00:00:00\"}' https://localhost:7124/api/MealPlans/AddMealPlan
{"mealPlanId":0,"name":"Diet Plan","date":"2025-02-08T00:00:00"}
C:\Users\digna>curl -X POST -H "Content-Type: application/json" -d '{"Name\: \"Abc Plan\", \"Date\: \"2025-02-08T00:00:00\"}' https://localhost:7124/api/MealPlans/AddMealPlan
{"mealPlanId":0,"name":"Abc Plan","date":"2025-02-08T00:00:00"}
C:\Users\digna>curl -X POST -H "Content-Type: application/json" -d '{"Name\: \"Xyz Plan\", \"Date\: \"2025-02-08T00:00:00\"}' https://localhost:7124/api/MealPlans/AddMealPlan
{"mealPlanId":0,"name":"Xyz Plan","date":"2025-02-08T00:00:00"}
C:\Users\digna>curl -X POST -H "Content-Type: application/json" -d '{"Name\: \"\", \"Date\: \"2025-02-08T00:00:00\"}' https://localhost:7124/api/MealPlans/AddMealPlan
{"mealPlanId":0,"name":"","date":"2025-02-08T00:00:00"}
C:\Users\digna>
```

curl -X "DELETE"

<https://localhost:7124/api/MealPlan/DeleteMealPlan/5>

```
Command Prompt
C:\Users\digna>curl -X DELETE https://localhost:7124/api/MealPlans/DeleteMealPlan/5
{"type":"https://tools.ietf.org/html/rfc9110#section-15.5.5","title":"Not Found","status":404,"traceId":"00-ef991c78f00abc801d68c1a73acb0572-7ce7dcdad439b666-00"}
C:\Users\digna>curl -X DELETE https://localhost:7124/api/MealPlans/DeleteMealPlan/0
{"type":"https://tools.ietf.org/html/rfc9110#section-15.5.5","title":"Not Found","status":404,"traceId":"00-85bb8d0fb6e714009eb47a3551da5417-7549267c163519bd-00"}
C:\Users\digna>curl -X DELETE https://localhost:7124/api/MealPlans/DeleteMealPlan/6
C:\Users\digna>curl -X DELETE https://localhost:7124/api/MealPlans/DeleteMealPlan/7
C:\Users\digna>curl -X DELETE https://localhost:7124/api/MealPlans/DeleteMealPlan/8
C:\Users\digna>curl -X DELETE https://localhost:7124/api/MealPlans/DeleteMealPlan/9
C:\Users\digna>curl -X DELETE https://localhost:7124/api/MealPlans/DeleteMealPlan/10
C:\Users\digna>curl -X DELETE https://localhost:7124/api/MealPlans/DeleteMealPlan/11
{"type":"https://tools.ietf.org/html/rfc9110#section-15.5.5","title":"Not Found","status":404,"traceId":"00-771dd18ba11f83b981a8127b75ce06da-fdef8292355880c4-00"}
C:\Users\digna>curl -X DELETE https://localhost:7124/api/MealPlans/DeleteMealPlan/-1
{"type":"https://tools.ietf.org/html/rfc9110#section-15.5.5","title":"Not Found","status":404,"traceId":"00-7ce78afac150901b1faa4522a6f51f90-45ab610e0274e61-00"}
C:\Users\digna>
```

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Recipe Management System Testing Proof

IngredientsController

curl -X "GET" "<https://localhost:7124/api/Ingredients/ListIngredients>"

```
Command Prompt
C:\Users\digna>curl -X "GET" https://localhost:7124/api/Ingredients/ListIngredients
[{"ingredientId":1,"name":"Chicken Breast","unit":"grams","caloriesPerUnit":165},{"ingredientId":2,"name":"Avocado","unit":"grams","caloriesPerUnit":160},{"ingredientId":3,"name":"Pasta","unit":"grams","caloriesPerUnit":131},{"ingredientId":4,"name":"Egg","unit":"piece","caloriesPerUnit":70},{"ingredientId":5,"name":"Yogurt","unit":"grams","caloriesPerUnit":59},{"ingredientId":6,"name":"Quinoa","unit":"grams","caloriesPerUnit":120},{"ingredientId":7,"name":"Spinach","unit":"grams","caloriesPerUnit":23},{"ingredientId":8,"name":"Almond Milk","unit":"ml","caloriesPerUnit":30}]
C:\Users\digna>
```

curl -X "GET" "<https://localhost:7124/api/Ingredients/FindIngredient/1>"

```
Command Prompt
C:\Users\digna>curl -X "GET" https://localhost:7124/api/Ingredients/FindIngredient/1
{"ingredientId":1,"name":"Chicken Breast","unit":"grams","caloriesPerUnit":165}
C:\Users\digna>curl -X "GET" https://localhost:7124/api/Ingredients/FindIngredient/2
{"ingredientId":2,"name":"Avocado","unit":"grams","caloriesPerUnit":160}
C:\Users\digna>curl -X "GET" https://localhost:7124/api/Ingredients/FindIngredient/3
{"ingredientId":3,"name":"Pasta","unit":"grams","caloriesPerUnit":131}
C:\Users\digna>curl -X "GET" https://localhost:7124/api/Ingredients/FindIngredient/4
{"ingredientId":4,"name":"Egg","unit":"piece","caloriesPerUnit":70}
C:\Users\digna>curl -X "GET" https://localhost:7124/api/Ingredients/FindIngredient/5
{"ingredientId":5,"name":"Yogurt","unit":"grams","caloriesPerUnit":59}
C:\Users\digna>curl -X "GET" https://localhost:7124/api/Ingredients/FindIngredient/6
{"ingredientId":6,"name":"Quinoa","unit":"grams","caloriesPerUnit":120}
C:\Users\digna>curl -X "GET" https://localhost:7124/api/Ingredients/FindIngredient/7
{"ingredientId":7,"name":"Spinach","unit":"grams","caloriesPerUnit":23}
C:\Users\digna>curl -X "GET" https://localhost:7124/api/Ingredients/FindIngredient/8
{"ingredientId":8,"name":"Almond Milk","unit":"ml","caloriesPerUnit":30}
C:\Users\digna>curl -X "GET" https://localhost:7124/api/Ingredients/FindIngredient/9
{"type":"https://tools.ietf.org/html/rfc9110#section-15.5","title":"Not Found","status":404,"traceId":"00-5d31be6d26dbb9fb0d848567505a00f4-c26038646fd5c0f7-00"}
C:\Users\digna>curl -X "GET" https://localhost:7124/api/Ingredients/FindIngredient/10
{"type":"https://tools.ietf.org/html/rfc9110#section-15.5","title":"Not Found","status":404,"traceId":"00-7ac50635d574f5a46b757eaa29f10bb2-1eaac30eb9ad8af5-00"}
C:\Users\digna>curl -X "GET" https://localhost:7124/api/Ingredients/FindIngredient/0
{"type":"https://tools.ietf.org/html/rfc9110#section-15.5","title":"Not Found","status":404,"traceId":"00-987e8aac8b8b573a61ce376c292555db-d12972626d293450-00"}
C:\Users\digna>curl -X "GET" https://localhost:7124/api/Ingredients/FindIngredient/-1
{"type":"https://tools.ietf.org/html/rfc9110#section-15.5","title":"Not Found","status":404,"traceId":"00-f82e74bb032dcd14c7e6cdb3d1ab04f8-0bfb748f45c7551a-00"}
C:\Users\digna>
```

curl -X PUT -H "Content-Type: application/json" -d '{"IngredientId": 1, "Name": "Chicken Thigh", "Unit": "grams", "CaloriesPerUnit": 175}' "<https://localhost:7124/api/Ingredients/UpdateIngredient/1>"

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Recipe Management System Testing Proof

```
Command Prompt

C:\Users\digna>curl -X PUT -H "Content-Type: application/json" -d '{"IngredientId": 10, "Name": "Chicken Thigh", "Unit": "grams", "CaloriesPerUnit": 175}' https://localhost:7124/api/Ingredients/UpdateIngredient/10
{"type": "https://tools.ietf.org/html/rfc9110#section-15.5.5", "title": "Not Found", "status": 404, "traceId": "00-b2217ebecb8e33b199a1bc1210e1f0fb-b4e25b7e2053fa65-00"}

C:\Users\digna>curl -X PUT -H "Content-Type: application/json" -d '{"IngredientId": 1, "Name": "Chicken Thigh", "Unit": "grams", "CaloriesPerUnit": 175}' https://localhost:7124/api/Ingredients/UpdateIngredient/1

C:\Users\digna>curl -X PUT -H "Content-Type: application/json" -d '{"IngredientId": 1, "Name": "Chicken Thigh", "Unit": "grams", "CaloriesPerUnit": 175}' https://localhost:7124/api/Ingredients/UpdateIngredient/0
ID in the URL does not match the Ingredient ID in the body.

C:\Users\digna>curl -X PUT -H "Content-Type: application/json" -d '{"IngredientId": 2, "Name": "Avocado", "Unit": "grams", "CaloriesPerUnit": 75}' https://localhost:7124/api/Ingredients/UpdateIngredient/2

C:\Users\digna>curl -X PUT -H "Content-Type: application/json" -d '{"IngredientId": 1, "Name": "Chicken Breast", "Unit": "grams", "CaloriesPerUnit": 165}' https://localhost:7124/api/Ingredients/UpdateIngredient/1

C:\Users\digna>
```

curl -X POST -H "Content-Type: application/json" -d '{"IngredientId": 9, "Name": "Broccoli", "Unit": "grams", "CaloriesPerUnit": 55}'
"https://localhost:7124/api/Ingredients/AddIngredient"

```
Command Prompt

C:\Users\digna>curl -X POST -H "Content-Type: application/json" -d '{"IngredientId": 9, "Name": "Broccoli", "Unit": "grams", "CaloriesPerUnit": 55}' https://localhost:7124/api/Ingredients/AddIngredient
{"ingredientId": 9, "name": "Broccoli", "unit": "grams", "caloriesPerUnit": 55}

C:\Users\digna>curl -X POST -H "Content-Type: application/json" -d '{"IngredientId": 10, "Name": "Green Chili", "Unit": "grams", "CaloriesPerUnit": 15}' https://localhost:7124/api/Ingredients/AddIngredient
{"ingredientId": 10, "name": "Green Chili", "unit": "grams", "caloriesPerUnit": 15}

C:\Users\digna>
```

curl -X "DELETE"
"https://localhost:7124/api/Ingredients/DeleteIngredient/9"

```
Command Prompt

C:\Users\digna>curl -X "DELETE" https://localhost:7124/api/Ingredients/DeleteIngredient/9

C:\Users\digna>curl -X "DELETE" https://localhost:7124/api/Ingredients/DeleteIngredient/0
{"type": "https://tools.ietf.org/html/rfc9110#section-15.5.5", "title": "Not Found", "status": 404, "traceId": "00-84705f2cd8ec180460bbb1d534ea0365-06abd06bdf35ce72-00"}

C:\Users\digna>curl -X "DELETE" https://localhost:7124/api/Ingredients/DeleteIngredient/10

C:\Users\digna>curl -X "DELETE" https://localhost:7124/api/Ingredients/DeleteIngredient/11

C:\Users\digna>curl -X "DELETE" https://localhost:7124/api/Ingredients/DeleteIngredient/-1
{"type": "https://tools.ietf.org/html/rfc9110#section-15.5.5", "title": "Not Found", "status": 404, "traceId": "00-b1c8ef976a237b79251d0bcf78d1fe63-e6a8064edb85b1f8-00"}

C:\Users\digna>curl -X "DELETE" https://localhost:7124/api/Ingredients/DeleteIngredient/12
{"type": "https://tools.ietf.org/html/rfc9110#section-15.5.5", "title": "Not Found", "status": 404, "traceId": "00-ac702389fe9bdc5900709dc90e03405-499a71ceddc39313-00"}

C:\Users\digna>curl -X "DELETE" https://localhost:7124/api/Ingredients/DeleteIngredient/12

C:\Users\digna>
```

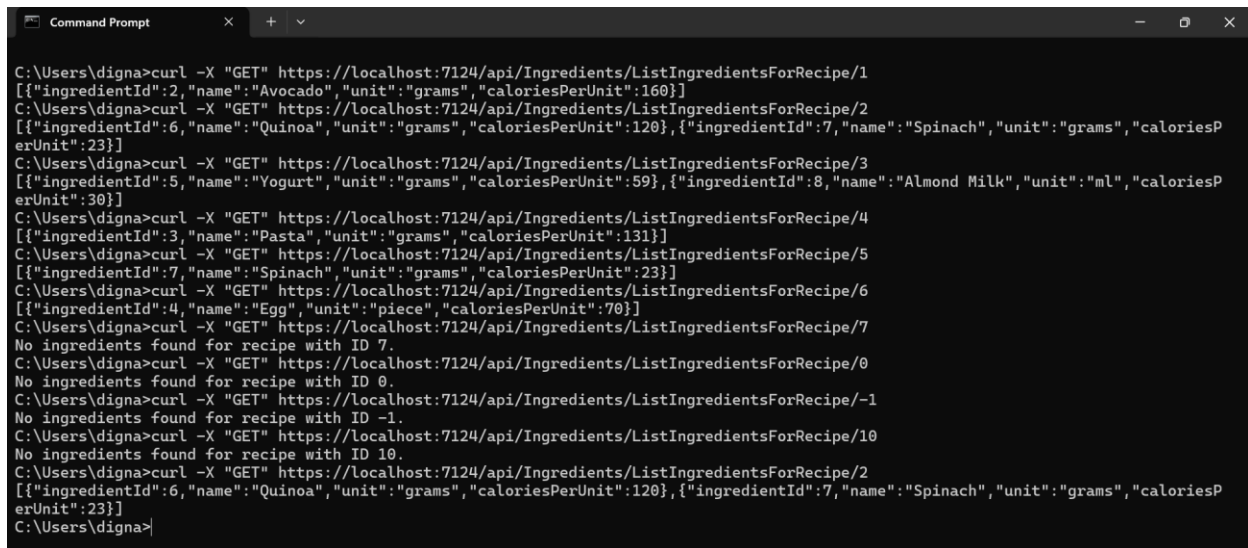
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Recipe Management System Testing Proof

List, Link and Unlink

curl -X "GET"

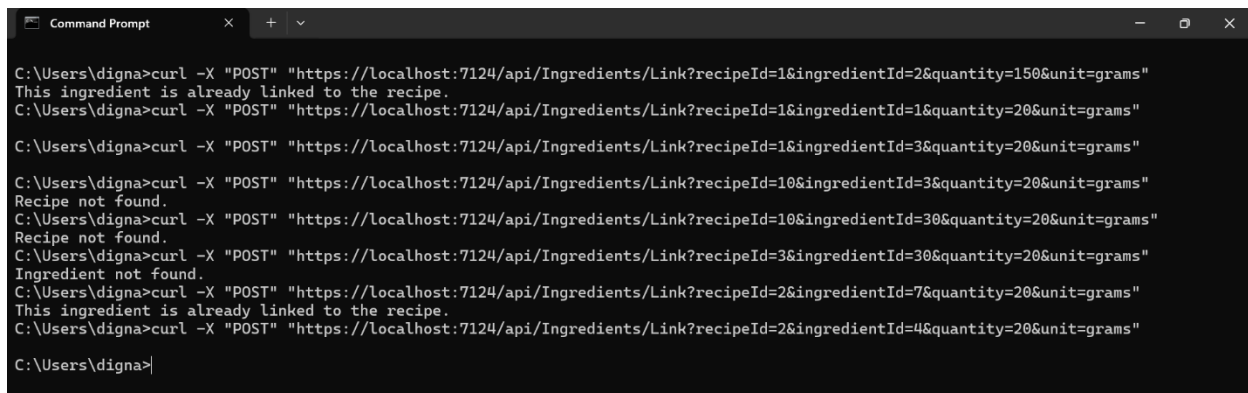
["https://localhost:7124/api/Ingredients/ListIngredientsForRecipe/2"](https://localhost:7124/api/Ingredients/ListIngredientsForRecipe/2)



```
C:\Users\digna>curl -X "GET" https://localhost:7124/api/Ingredients/ListIngredientsForRecipe/1
[{"ingredientId":2,"name":"Avocado","unit":"grams","caloriesPerUnit":160}]
C:\Users\digna>curl -X "GET" https://localhost:7124/api/Ingredients/ListIngredientsForRecipe/2
[{"ingredientId":6,"name":"Quinoa","unit":"grams","caloriesPerUnit":120},{ "ingredientId":7,"name":"Spinach","unit":"grams","caloriesPerUnit":23}]
C:\Users\digna>curl -X "GET" https://localhost:7124/api/Ingredients/ListIngredientsForRecipe/3
[{"ingredientId":5,"name":"Yogurt","unit":"grams","caloriesPerUnit":59},{ "ingredientId":8,"name":"Almond Milk","unit":"mL","caloriesPerUnit":30}]
C:\Users\digna>curl -X "GET" https://localhost:7124/api/Ingredients/ListIngredientsForRecipe/4
[{"ingredientId":3,"name":"Pasta","unit":"grams","caloriesPerUnit":131}]
C:\Users\digna>curl -X "GET" https://localhost:7124/api/Ingredients/ListIngredientsForRecipe/5
[{"ingredientId":7,"name":"Spinach","unit":"grams","caloriesPerUnit":23}]
C:\Users\digna>curl -X "GET" https://localhost:7124/api/Ingredients/ListIngredientsForRecipe/6
[{"ingredientId":4,"name":"Egg","unit":"piece","caloriesPerUnit":70}]
C:\Users\digna>curl -X "GET" https://localhost:7124/api/Ingredients/ListIngredientsForRecipe/7
No ingredients found for recipe with ID 7.
C:\Users\digna>curl -X "GET" https://localhost:7124/api/Ingredients/ListIngredientsForRecipe/0
No ingredients found for recipe with ID 0.
C:\Users\digna>curl -X "GET" https://localhost:7124/api/Ingredients/ListIngredientsForRecipe/-1
No ingredients found for recipe with ID -1.
C:\Users\digna>curl -X "GET" https://localhost:7124/api/Ingredients/ListIngredientsForRecipe/10
No ingredients found for recipe with ID 10.
C:\Users\digna>curl -X "GET" https://localhost:7124/api/Ingredients/ListIngredientsForRecipe/2
[{"ingredientId":6,"name":"Quinoa","unit":"grams","caloriesPerUnit":120},{ "ingredientId":7,"name":"Spinach","unit":"grams","caloriesPerUnit":23}]
C:\Users\digna>
```

curl -X "POST"

["https://localhost:7124/api/Ingredients/Link?recipeId=2&ingredientId=4&quantity=150&unit=grams"](https://localhost:7124/api/Ingredients/Link?recipeId=2&ingredientId=4&quantity=150&unit=grams)



```
C:\Users\digna>curl -X "POST" "https://localhost:7124/api/Ingredients/Link?recipeId=1&ingredientId=2&quantity=150&unit=grams"
This ingredient is already linked to the recipe.
C:\Users\digna>curl -X "POST" "https://localhost:7124/api/Ingredients/Link?recipeId=1&ingredientId=1&quantity=20&unit=grams"

C:\Users\digna>curl -X "POST" "https://localhost:7124/api/Ingredients/Link?recipeId=1&ingredientId=3&quantity=20&unit=grams"

C:\Users\digna>curl -X "POST" "https://localhost:7124/api/Ingredients/Link?recipeId=10&ingredientId=3&quantity=20&unit=grams"
Recipe not found.
C:\Users\digna>curl -X "POST" "https://localhost:7124/api/Ingredients/Link?recipeId=10&ingredientId=30&quantity=20&unit=grams"
Recipe not found.
C:\Users\digna>curl -X "POST" "https://localhost:7124/api/Ingredients/Link?recipeId=3&ingredientId=30&quantity=20&unit=grams"
Ingredient not found.
C:\Users\digna>curl -X "POST" "https://localhost:7124/api/Ingredients/Link?recipeId=2&ingredientId=7&quantity=20&unit=grams"
This ingredient is already linked to the recipe.
C:\Users\digna>curl -X "POST" "https://localhost:7124/api/Ingredients/Link?recipeId=2&ingredientId=4&quantity=20&unit=grams"

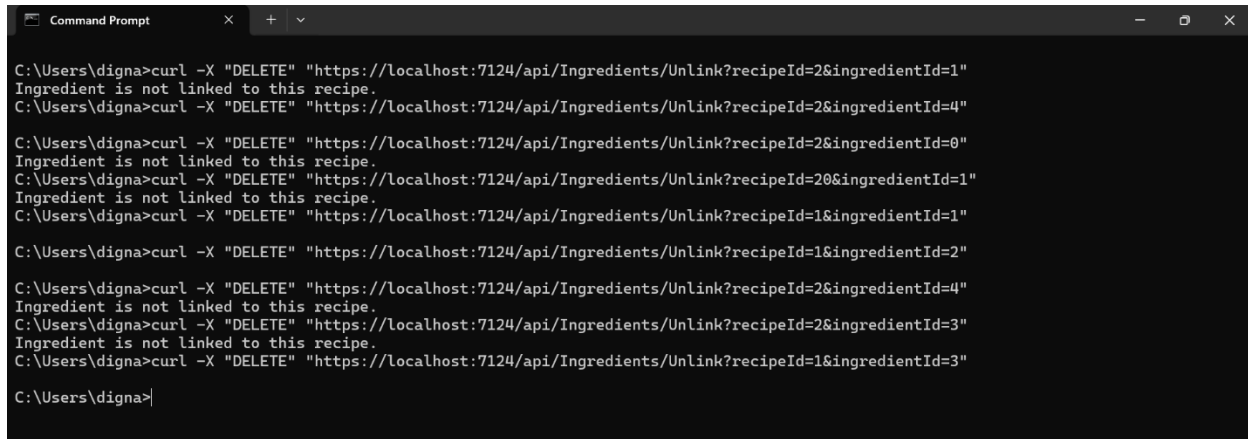
C:\Users\digna>
```

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Recipe Management System Testing Proof

curl -X "DELETE"

"https://localhost:7124/api/Ingredients/Unlink?recipeId=2&ingredientId=1"



```
Command Prompt
C:\Users\digna>curl -X "DELETE" "https://localhost:7124/api/Ingredients/Unlink?recipeId=2&ingredientId=1"
Ingredient is not linked to this recipe.
C:\Users\digna>curl -X "DELETE" "https://localhost:7124/api/Ingredients/Unlink?recipeId=2&ingredientId=4"
C:\Users\digna>curl -X "DELETE" "https://localhost:7124/api/Ingredients/Unlink?recipeId=2&ingredientId=0"
Ingredient is not linked to this recipe.
C:\Users\digna>curl -X "DELETE" "https://localhost:7124/api/Ingredients/Unlink?recipeId=20&ingredientId=1"
Ingredient is not linked to this recipe.
C:\Users\digna>curl -X "DELETE" "https://localhost:7124/api/Ingredients/Unlink?recipeId=1&ingredientId=1"
C:\Users\digna>curl -X "DELETE" "https://localhost:7124/api/Ingredients/Unlink?recipeId=1&ingredientId=2"
C:\Users\digna>curl -X "DELETE" "https://localhost:7124/api/Ingredients/Unlink?recipeId=2&ingredientId=4"
Ingredient is not linked to this recipe.
C:\Users\digna>curl -X "DELETE" "https://localhost:7124/api/Ingredients/Unlink?recipeId=2&ingredientId=3"
Ingredient is not linked to this recipe.
C:\Users\digna>curl -X "DELETE" "https://localhost:7124/api/Ingredients/Unlink?recipeId=1&ingredientId=3"
C:\Users\digna>
```