Recipe Management System (DishDash) URIs

URIs needed for Cost Analysis Module

HTTP Method	URI	Type	Description

GET	https://t3-awd-recipe-management-system-2.onrender.com/suppliers	Response (200):
		[
		{
		"id": 1,
		"name": "Mi Comisariato",
		"contact": "mi@comisariato.com"
		},
		{
		"id": 2,
		"name": "TIA S.A",
		"contact": "tia@sa.com",
		"phone": "+1-555-0200"
		}
		]
			Obtain suppliers list

GET	https://t3-awd-recipe-management-system-2.onrender.com/ingredients/{id}/prices	Response (200):
		[
		{
		"id": 10,
		"ingredientId": 5,
		"ingredientName": "Tomates",
		"supplierId": 1,
		"supplierName": "Mi Comisariato",
		"price": 2.50,
		"unit": "kg",
		"lastUpdated": "2024-11-20"
		},
		{
		"id": 11,
		"ingredientId": 5,
		"ingredientName": "Tomates",
		"supplierId": 2,
		"supplierName": "TIA S.A",
		"price": 2.30,
		"unit": "kg",
		"lastUpdated": "2024-11-21"
		}
		]
			Obtain prices of an ingredient from different suppliers

GET	https://t3-awd-recipe-management-system-2.onrender.com/ngredient-prices/{id}	Response (200):
		{
		"id": 10,
		"ingredientId": 5,
		"ingredientName": "Tomates",
		"supplierId": 1,
		"supplierName": "Mi Comisariato",
		"price": 2.50,
		"unit": "kg",
		"lastUpdated": "2024-11-20",
		"availability": "In stock"
		}
			Obtain detail of specific price

GET	https://t3-awd-recipe-management-system-2.onrender.com/recipes/{recipeId}/cost-analysis	Response (200): { "recipeId": 15, "recipeName": "Spaghetti Carbonara", "ingredients": [{	Calculate cost analysis in real time for a recipe

		"ingredientId": 5, "name": "Tomates", "quantity": 500, "unit": "g", "unitCost": 2.50, "totalCost": 1.25 }, {...}], "totalIngredientsCost": 8.75, "laborCost": 5.00, "overheadCost": 2.50, "totalCost": 16.25, "costPerServing": 4.06 }	

POST	https://t3-awd-recipe-management-system-2.onrender.com/cost-quotes	Request:
		{
		"recipeId": 15,
		"totalCost": 16.25,
		"profitMargin": 40,
		"suggestedPrice": 27.08,
		"notes": "Holiday menu pricing"
		}
		———————————————————
		Response (201):
		{
		"id": 45,
		"recipeId": 15,
		"totalCost": 16.25,
		"profitMargin": 40,
		"suggestedPrice": 27.08,
		"notes": "Holiday menu pricing",
		"createdAt": "2024-11-27T10:30:00Z"
		}
			Save cost analysis

GET	https://t3-awd-recipe-management-system-2.onrender.com/cost-quotes	Response (200):
		[
		{
		"id": 45,
		"recipeId": 15,
		"recipeName": "Spaghetti Carbonara",
		"totalCost": 16.25,
		"suggestedPrice": 27.08,
		"createdAt": "2024-11-27"
		},
		{
		"id": 46,
		"recipeId": 23,
		"recipeName": "Spaghetti Bolognese",
		"totalCost": 18.50,
		"suggestedPrice": 30.83,
		"createdAt": "2024-11-26"
		}
		]
			Obtain cost analysis saved

GET	https://t3-awd-recipe-management-system-2.onrender.com/cost-quotes/{id}	Response (200):
		{
		"id": 45,
		"recipeId": 15,
		"recipeName": "Spaghetti Carbonara",
		"totalCost": 16.25,
		"profitMargin": 40,
		"suggestedPrice": 27.08,
		"notes": "Holiday menu pricing",
		"breakdown": {
			Obtain detail of specific cost analysis

		"ingredients": 8.75, "labor": 5.00, "overhead": 2.50 }, "createdAt": "2024-11-27T10:30:00Z" }	

PUT	https://t3-awd-recipe-management-system-2.onrender.com/cost-quotes/{id}	Request:
		{
		"profitMargin": 45,
		"suggestedPrice": 29.56,
		"notes": "Updated for premium menu"
		}
		————————————————————
		Response (200):
		{
		"id": 45,
		"recipeId": 15,
		"totalCost": 16.25,
		"profitMargin": 45,
		"suggestedPrice": 29.56,
		"notes": "Updated for premium menu",
		"updatedAt": "2024-11-27T11:00:00Z"
		}
			Update cost analysis

DELETE	https://t3-awd-recipe-management-system-2.onrender.com/cost-quotes/{id}	Response (200):
		{
		"message": "Cost quote deleted successfully",
		"id": 45
		}
		————————————————————
		Response (404):
		{
		"error": "Cost quote not found"
		}
			Delete cost analysis

GET	https://t3-awd-recipe-management-system-2.onrender.com/recipes/{recipeId}/cost-quotes	Response (200):
		[
		{
		"id": 45,
		"totalCost": 16.25,
		"suggestedPrice": 27.08,
		"profitMargin": 40,
		"createdAt": "2024-11-27"
		},
		{
		"id": 42,
		"totalCost": 15.80,
		"suggestedPrice": 26.33,
		"profitMargin": 40,
		"createdAt": "2024-11-20"
		}
		]
			Obtain history of cost analysis per recipe

GET	https://t3-awd-recipe-management-system-2.onrender.com/pricing-formulas	Response (200): [{ "id": 1, "name": "Standard Markup", "formula": "cost * (1 + margin)", "description": "Simple percentage markup" }, {	Obtain price formulas available

HTTP Method	URI	Type	Description
		"id": 2, "name": "Cost Plus", "formula": "cost + labor + overhead + profit", "description": "Full cost calculation" }]	

GET	https://t3-awd-recipe-management-system-2.onrender.com/pricing-formulas/{id}	Response (200):
		{
		"id": 1,
		"name": "Standard Markup",
		"formula": "cost * (1 + margin)",
		"description": "Simple percentage markup",
		"parameters": [
		{"name": "cost", "type": "decimal"},
		{"name": "margin", "type": "percentage"}
		]
		}
			Obtain specific price formula

GET	https://t3-awd-recipe-management-system-2.onrender.com/taxes	Response (200):
		{
		"salesTax": 8.5,
		"serviceTax": 5.0,
		"vatRate": 15,
		"taxRegion": "Manabi",
		"lastUpdated": "2024-11-01"
		}
			Obtain taxes configuration

PUT	https://t3-awd-recipe-management-system-2.onrender.com/api/taxes	Request:
		{
		"salesTax": 9.0,
		"serviceTax": 5.5,
		"vatRate": 0
		}
		––––––––––––––––––––––––––––––––––––
		Response (200):
		{
		"salesTax": 9.0,
		"serviceTax": 5.5,
		"vatRate": 0,
		"taxRegion": "NY",
		"updatedAt": "2024-11-27T12:00:00Z"
		}
			Update taxes percentages

URIs needed for Quotes Module

HTTP Method	URI	Type	Description
GET	https://t3-awd-recipe-management-system-2.onrender.com/quotes	Response (200): [{ "id": 101, "clientId": 25, "clientName": "Restaurant Del Mar", "status": "pending", "total": 450.00, "createdAt": "2024-11-25" }, { "id": 102,	Obtain quote list

		"clientId": 30, "clientName": "Hotel Plaza", "status": "approved", "total": 1200.00, "createdAt": "2024-11-26" }]	

GET	https://t3-awd-recipe-management-system-2.onrender.com/quotes/status/{status}	Response (200):
		[
		{
		"id": 101,
		"clientId": 25,
		"clientName": "Restaurant Del Mar",
		"status": "pending",
		"total": 450.00,
		"createdAt": "2024-11-25"
		},
		{
		"id": 103,
		"clientId": 28,
		"clientName": "Cafe Central",
		"status": "pending",
		"total": 320.00,
		"createdAt": "2024-11-27"
		}
		]
			Filter quotes by state

GET	https://t3-awd-recipe-management-system-2.onrender.com/clients/{id}/quotes	Response (200):
		[
		{
		"id": 101,
		"status": "pending",
		"total": 450.00,
		"itemCount": 5,
		"createdAt": "2024-11-25"
		},
		{
		"id": 95,
		"status": "approved",
		"total": 380.00,
		"itemCount": 4,
		"createdAt": "2024-11-20"
		}
		]
			Filter quotes by client

GET	https://t3-awd-recipe-management-system-2.onrender.com/quotes/{id}	Response (200):
		{
		"id": 101,
		"clientId": 25,
		"clientName": "Restaurant Del Mar",
		"clientEmail": "contact@delmar.com",
		"status": "pending",
		"subtotal": 400.00,
		"discount": 20.00,
		"tax": 70.00,
		"total": 450.00,
		"notes": "Event for 50 people",
		"validUntil": "2024-12-10",
		"createdAt": "2024-11-25T14:30:00Z"
		}
			Obtain detail of specific quote

POST	https://t3-awd-recipe-management-system-2.onrender.com/quotes	Request: { "clientId": 25,	Create new quote

Method	URL	Request/Response	Description

		"validUntil": "2024-12-10",
		"notes": "Event for 50 people",
		"discount": 0
		}
		––––––––––––––––––––––––––––––
		Response (201):
		{
		"id": 101,
		"clientId": 25,
		"status": "draft",
		"subtotal": 0,
		"discount": 0,
		"tax": 0,
		"total": 0,
		"notes": "Event for 50 people",
		"validUntil": "2024-12-10",
		"createdAt": "2024-11-27T10:00:00Z"
		}	

PUT	https://t3-awd-recipe-management-system-2.onrender.com/quotes/{id}	Request:
		{
		"status": "pending",
		"validUntil": "2024-12-15",
		"notes": "Updated notes",
		"discount": 5
		}
		––––––––––––––––––––––––––––––
		Response (200):
		{
		"id": 101,
		"clientId": 25,
		"status": "pending",
		"subtotal": 400.00,
		"discount": 20.00,
		"tax": 70.00,
		"total": 450.00,
		"notes": "Updated notes",
		"validUntil": "2024-12-15",
		"updatedAt": "2024-11-27T11:00:00Z"
		}
			Update quote

DELETE	https://t3-awd-recipe-management-system-2.onrender.com/quotes/{id}	Response (200):
		{
		"message": "Quote deleted successfully",
		"id": 101
		}
		
		Response (404):
		{
		"error": "Quote not found"
		}
			Delete quote

GET	https://t3-awd-recipe-management-system-2.onrender.com/quotes/{id}/pdf	Response (200):
		{
		"filename": "quote_101.pdf",
		"url": "https://...../quote_101.pdf",
		"size": 245678,
		"generatedAt": "2024-11-27T12:00:00Z"
		}
			Generate and download quote PDF

GET	https://t3-awd-recipe-management-system-2.onrender.com/quotes/{quoteId}/items	Response (200): [{ "id": 501,	Obtain items/recipes of a quote

		"recipeId": 15,
		"recipeName": "Spaghetti Carbonara",
		"servings": 10,
		"pricePerServing": 8.50,
		"subtotal": 85.00,
		"notes": "Extra cheese"
		},
		{
		"id": 502,
		"recipeId": 23,
		"recipeName": "Caesar Salad",
		"servings": 10,
		"pricePerServing": 6.00,
		"subtotal": 60.00,
		"notes": ""
		}
		]	

POST	https://t3-awd-recipe-management-system-2.onrender.com/quotes/{quoteId}/items	Request:
		{
		"recipeId": 15,
		"servings": 10,
		"notes": "Extra cheese"
		}
		—————————————————————
		Response (201):
		{
		"id": 501,
		"quoteId": 101,
		"recipeId": 15,
		"recipeName": "Spaghetti Carbonara",
		"servings": 10,
		"pricePerServing": 8.50,
		"subtotal": 85.00,
		"notes": "Extra cheese",
		"createdAt": "2024-11-27T10:30:00Z"
		}
			Add recipe to quote

PUT	https://t3-awd-recipe-management-system-2.onrender.com/quotes/{quoteId}/items/{itemId}	Request:
		{
		"servings": 15,
		"notes": "Extra cheese and garlic"
		}
		—————————————————————
		Response (200):
		{
		"id": 501,
		"quoteId": 101,
		"recipeId": 15,
		"recipeName": "Spaghetti Carbonara",
		"servings": 15,
		"pricePerServing": 8.50,
		"subtotal": 127.50,
		"notes": "Extra cheese and garlic",
		"updatedAt": "2024-11-27T11:00:00Z"
		}
			Update servings quantity of a recipe

DELETE	https://t3-awd-recipe-management-system-2.onrender.com/quotes/{quoteId}/items/{itemId}	Response (200):
		{
		"message": "Item removed from quote successfully",
		"id": 501,
		"quoteId": 101
		}
		—————————————————————
		Response (404):
			Delete recipe from quote

		{ "error": "Item not found in quote" }	
GET	https://t3-awd-recipe-management-system-2.onrender.com/recipes/{id}/pricing	Response (200): { "recipeId": 15, "recipeName": "Spaghetti Carbonara", "costPerServing": 4.06, "pricePerServing": 8.50, "profitMargin": 52.3, "servings": 4, "totalCost": 16.25, "totalPrice": 34.00, "lastUpdated": "2024-11-25" }	Obtain basic price and cost information from recipe
POST	https://t3-awd-recipe-management-system-2.onrender.com/quotes/{id}/calculations	Request: { "items": [{ "recipeId": 15, "servings": 10 }, { "recipeId": 23, "servings": 10 }], "discountPercentage": 5, "taxRate": 8.5 } ———————————————————————— Response (200): { "subtotal": 145.00, "discount": 7.25, "subtotalAfterDiscount": 137.75, "tax": 11.71, "total": 149.46, "itemsBreakdown": [{ "recipeId": 15, "servings": 10, "pricePerServing": 8.50, "subtotal": 85.00 }, { "recipeId": 23, "servings": 10, "pricePerServing": 6.00, "subtotal": 60.00 }] }	Calculate quote totals
POST	https://t3-awd-recipe-management-system-2.onrender.com/discounts	Request: { "name": "Holiday Special", "type": "percentage", "value": 10, "validFrom": "2024-12-01", "validUntil": "2024-12-31", "minAmount": 100.00, "active": true }	Create discount

| | | —————————————————————————————————-
Response (201):
{
"id": 5,
"name": "Holiday Special",
"type": "percentage",
"value": 10,
"validFrom": "2024-12-01",
"validUntil": "2024-12-31",
"minAmount": 100.00,
"active": true,
"createdAt": "2024-11-27T10:00:00Z"
} | |

URIs needed for Scaled Recipes Module (New)

HTTP Method	URI	Type / JSON Response	Description

| POST | https://t3-awd-recipe-management-system-2.onrender.com/recipe/{id}/scale | Request:

{

"newServings": 50,

"profitMargin": 0.30

}

Response (201):

{

"message": "Recipe scaled and saved successfully",

"scaledRecipe": {

"recipeId": "656fe...",

"recipeName": "Mojito",

"category": "cocktail",

"scaling": {

"originalServings": 1,

"newServings": 50,

"scaleFactor": 50

},

"ingredients": [

{

"ingredientName": "Ron Blanco",

"originalQuantity": 45,

"scaledQuantity": 2250,

"scaledUnit": "ml",

"cost": 45.00

}

],

"costs": {

"totalCost": 85.50,

"profitMargin": "30%",

"pricePerServing": 2.22

}, | Create a new scaling.

Calculates ingredient quantities, costs, profit margins, and required supplies (bottles/packages) based on new servings. |

		"supplies": [
		
		{
		
		"ingredientName": "Ron Blanco",
		
		"quantityNeeded": 2250,
		
		"packageSize": 750,
		
		"licoresNeeded": 3
		
		}
		
		]
		
		}
		
		}	

GET	https://t3-awd-recipe-management -system-2.onrender.com/scaled-re cipes	Response (200):
		
		[
		
		{
		
		"_id": "789ghi...",
		
		"recipeName": "Mojito",
		
		"scaling": {
		
		"newServings": 50
		
		},
		
		"costs": {
		
		"totalPrice": 111.15
		
		},
		
		"createdAt": "2024-12-18T10:00:00Z"
		
		},
		
		{
		
		"_id": "456def...",
		
		"recipeName": "Pasta Alfredo",
		
		"scaling": {
		
		"newServings": 20
		
		}
		
		}
		
		]
			Obtain list of all scaled recipes.
			
			Returns all active scalings sorted by creation date.

| GET | https://t3-awd-recipe-management-system-2.onrender.com/scaled-recipes/recipe/{recipeId} | Response (200): [{ "_id": "789ghi...", "recipeId": "656fe...", "recipeName": "Mojito", "scaling": { "newServings": 50 }, "createdAt": "2024-12-18T10:00:00Z" }, { "_id": "123abc...", "recipeId": "656fe...", "recipeName": "Mojito", "scaling": { "newServings": 100 }, "createdAt": "2024-12-10T09:30:00Z" }] | Obtain history of scalings per recipe. Filter scalings by the parent recipe ID. |

Method	URL	Response	Description

GET	https://t3-awd-recipe-management-system-2.onrender.com/scaled-recipes/{id}	Response (200):
		
		{
		
		"_id": "789ghi...",
		
		"recipeId": "656fe...",
		
		"recipeName": "Mojito",
		
		"category": "cocktail",
		
		"scaling": {
		
		"originalServings": 1,
		
		"newServings": 50,
		
		"scaleFactor": 50
		
		},
		
		"ingredients": [...],
		
		"costs": {
		
		"totalCost": 85.50,
		
		"costPerServing": 1.71,
		
		"totalProfit": 25.65
		
		},
		
		"supplies": [...]
		
		}
			Obtain details of a specific scaled recipe.
			
			Returns full details including costs breakdown and supplies needed.

DELETE	https://t3-awd-recipe-management-system-2.onrender.com/scaled-recipes/{id}	Response (200):
		
		{
		
		"message": "Scaled recipe deactivated successfully",
		
		"scaledRecipe": {
		
		"_id": "789ghi...",
		
		"isActive": false,
		
		"deletedAt": "2024-12-18T12:00:00Z"
		
		}
		
		}
			Delete (Deactivate) a scaled recipe.
			
			Performs a soft delete by setting isActive to false.

URIs for Recipes and Ingredients

HTTP Method	URI	Type	JSON	Description

GET	https://t3-awd-recipe-management-system-2.onrender.com/ingredients	Response	[
			  {
			   "_id":
			"68fe8fed656fe7ed262998cd",
			   "productId": "PROD003",
			   "name": "Ron blanco",
			   "category": "Licores",
			   "product": "Ron Castillo",
			   "brand": "Castillo",
			   "size": 750,
			   "sizeUnit": "ml",
			   "price": 8.5,
			   "availableUnits": 12,
			   "supplier": "Mi Comisariato",
			   "isActive": true
			  }
			]
				Obtain a list of all ingredients.

GET	https://t3-awd-recipe-management-system-2.onrender.com/ingredients/{id}	Response	{
			  "_id":
			"68fe8fed656fe7ed262998cd",
			  "productId": "PROD003",
			  "name": "Ron blanco",
			  "category": "Licores",
			  "product": "Ron Castillo",
			  "brand": "Castillo",
			  "size": 750,
			  "sizeUnit": "ml",
			  "price": 8.5,
			  "availableUnits": 12,
			  "supplier": "Mi Comisariato"
			}
				Get details of a specific ingredient for id.

POST	https://t3-awd-recipe-management-system-2.onrender.com/ngredients	Request/Response	{
			  "productId": "PROD010",
			  "name": "Jugo de naranja",
			  "category": "Jugos",
			  "product": "Jugo natural",
			  "brand": "Tropic",
			  "size": 1000,
			  "sizeUnit": "ml",
			  "price": 2.5,
			  "availableUnits": 20,
			  "supplier": "AKI"
			}
			—------------------------------
			{
			  "_id":
			"68ff1111656fe7ed26299999",
			  "productId": "PROD010",
			  "name": "Jugo de naranja",
			  "category": "Jugos",
			  "product": "Jugo natural",
			  "brand": "Tropic",
			  "size": 1000,
			  "sizeUnit": "ml",
			  "price": 2.5,
			  "availableUnits": 20,
			  "supplier": "AKI",
				Create a new ingredient.

			"isActive": true }	

PUT	https://t3-awd-recipe-manag ement-system-2.onrender.co mi/ingredients/{id}	Request/Res ponse	{
			  "name": "Ron blanco añejo",
			  "price": 9.25,
			  "availableUnits": 10
			}
			—------------------------------
			{
			  "_id":
			"68fe8fed656fe7ed262998cd",
			  "productId": "PROD003",
			  "name": "Ron blanco añejo",
			  "category": "Licores",
			  "product": "Ron Castillo",
			  "brand": "Castillo",
			  "size": 750,
			  "sizeUnit": "ml",
			  "price": 9.25,
			  "availableUnits": 10,
			  "supplier": "Mi Comisariato",
			  "isActive": true
			}
				Update existing ingredient.

DELETE	https://t3-awd-recipe-manag ement-system-2.onrender.co m/ingredients/{id}	Response	{
			  "message": "Ingrediente desactivado correctamente"
			}
				Delete an ingredient.

GET	https://t3-awd-recipe-manag ement-system-2.onrender.co m/ingredients/category/{cate gory}	Response	[
			  {
			   "_id":
			"68fe8fed656fe7ed262998cd",
			   "name": "Ron blanco",
			   "category": "Licores",
			   "product": "Ron Castillo",
			   "brand": "Castillo"
			  }
			]
				Get ingredients filtered by category

GET	https://t3-awd-recipe-manag ement-system-2.onrender.co m/ingredients/search/{name}	Response	[
			  {
			   "_id":
			"68fe8fed656fe7ed262998cd",
			   "name": "Ron blanco",
			   "productId": "PROD003"
			  }]
				Search ingredients by name

GET	https://t3-awd-recipe-manag ement-system-2.onrender.co m/recipes	Response	[
			  {
			   "_id":
			"68fe8dda656fe7ed262998ca",
			   "name": "Cuba Libre",
			   "category": "cocktail",
			   "servings": 1
			  }
			]
				Get list of all recipes

GET	https://t3-awd-recipe-manag ement-system-2.onrender.co m/recipes/{id}	Response	{
			  "_id":
			"68fe8dda656fe7ed262998ca",
			  "name": "Cuba Libre",
			  "servings": 1,
			  "description": "Classic refreshing
				Get specific recipe details.

			Cuban cocktail",
			  "ingredients": [
			    {
			      "ingredientName": "Hielo",
			      "productId": "PROD001",
			      "quantity": 200,
			      "unit": "g"
			    },
			    {
			      "ingredientName": "Ron blanco",
			      "productId": "PROD003",
			      "quantity": 45,
			      "unit": "ml"
			    }
			  ],
			  "instructions": [
			    "Llenar un vaso highball con hielo",
			    "Verter el ron sobre el hielo",
			    "Completar con Coca Cola",
			    "Agregar un dash de jugo de lima",
			    "Mezclar suavemente y servir"
			  ],
			  "costPerServing": 1.8,
			  "pricePerServing": 3.6,
			  "category": "cocktail"
			}	

POST	https://t3-awd-recipe-management-system-2.onrender.com/recipes	Request	{
			  "name": "Margarita",
			  "servings": 1,
			  "description": "Mexican tequila cocktail",
			  "category": "cocktail",
			  "ingredients": [
			    { "ingredientName": "Tequila", "productId": "PROD010", "quantity": 50, "unit": "ml" },
			    { "ingredientName": "Triple Sec", "productId": "PROD011", "quantity": 25, "unit": "ml" },
			    { "ingredientName": "Lima", "productId": "PROD007", "quantity": 20, "unit": "ml" }
			  ],
			  "instructions": [
			    "Agregar ingredientes al shaker",
			    "Agitar",
			    "Servir en copa escarchada"
			  ]
			}
				Create a new recipe.

PUT	https://t3-awd-recipe-management-system-2.onrender.com/recipes/{id}	Request	{
			  "name": "Cuba Libre Especial",
			  "servings": 2
			}
				Update existing recipe.

DELETE	https://t3-awd-recipe-management-system-2.onrender.com/recipes/{id}	Response	{
			  "message": "Recipe deleted"
			}
				Delete recipe.

GET	https://t3-awd-recipe-manag	Response	[	List recipes filtered

HTTP Method	URI	Type	Body	Description
	ement-system-2.onrender.com/recipes/category/{category}		{ "_id": "68fe8dda656fe7ed262998ca", "name": "Cuba Libre", "category": "cocktail" }]	by category.
GET	https://t3-awd-recipe-management-system-2.onrender.comi/recipes/search/{query}	Response	[{ "_id": "68fe8dda656fe7ed262998ca", "name": "Cuba Libre" }]	Search recipes by name or keywords.
GET	https://t3-awd-recipe-management-system-2.onrender.com/recipes/{id}/ingredients	Response	[{ "ingredientName": "Hielo", "productId": "PROD001", "quantity": 200, "unit": "g" }, { "ingredientName": "Ron blanco", "productId": "PROD003", "quantity": 45, "unit": "ml" }]	Get only the ingredients list for a recipe.
POST	https://t3-awd-recipe-management-system-2.onrender.comrecipes/{id}/ingredients	Request	{ "ingredientName": "Azúcar", "productId": "PROD020", "quantity": 10, "unit": "g" }	Add ingredient to recipe
DELETE	https://t3-awd-recipe-management-system-2.onrender.com/recipes/{id}/ingredients/{ingredientId}	Response	{ "message": "Ingredient removed from recipe" }	Remove ingredient from recipe

URIs needed for Client Module

HTTP Method	URI	Type	Description

Method	URL	Request/Response	Description

GET	https://t3-awd-recipe-management-system-2.onrender.com/clients	Response (200):
		``json
		[
		  {
		    "id": 25,
		    "name": "Restaurant Del Mar",
		    "email": "contact@delmar.com",
		    "phone": "+1-555-0101",
		    "type": "Restaurant",
		    "createdAt": "2024-11-20"
		  },
		  {
		    "id": 28,
		    "name": "Cafe Central",
		    "email": "manager@cafecentral.com",
		    "phone": "+1-555-0202",
		    "type": "Cafe",
		    "createdAt": "2024-11-22"
		  }
		]
		``
			Obtain a list of all clients.

GET	https://t3-awd-recipe-management-system-2.onrender.com/clients/{id}	Response (200):
		``json
		{
		  "id": 25,
		  "name": "Restaurant Del Mar",
		  "email": "contact@delmar.com",
		  "phone": "+1-555-0101",
		  "address": "Ocean Drive 123, Miami",
		  "taxId": "1234567890",
		  "type": "Restaurant",
		  "contactPerson": "Maria Rodriguez",
		  "createdAt": "2024-11-20"
		}
		``
			Get details of a specific client by id.

POST	https://t3-awd-recipe-management-system-2.onrender.com/clients	Request:
		``json
		{
		  "name": "Hotel Plaza",
		  "email": "info@hotelplaza.com",
		  "phone": "+1-555-0303",
		  "address": "Main Square 45, Quito",
		  "type": "Hotel"
		}
		``
		Response (201):
		``json
		{
		  "id": 30,
		  "name": "Hotel Plaza",
		  "email": "info@hotelplaza.com",
		  "phone": "+1-555-0303",
		  "type": "Hotel",
		``
			Create a new client.

		"createdAt": "2024-11-27T14:00:00Z" }	

PUT	https://t3-awd-recipe-management-system-2.onrender.com/clients/{id}	Request:
		{
		  "phone": "+1-555-9999",
		  "contactPerson": "Carlos Perez"
		}
		Response (200):
		{
		  "id": 25,
		  "name": "Restaurant Del Mar",
		  "email": "contact@delmar.com",
		  "phone": "+1-555-9999",
		  "address": "Ocean Drive 123, Miami",
		  "contactPerson": "Carlos Perez",
		  "updatedAt": "2024-11-27T15:30:00Z"
		}
			Update existing client details.

DELETE	https://t3-awd-recipe-management-system-2.onrender.com/clients/{id}	Response (200):
		{
		  "message": "Client deleted successfully",
		  "id": 30
		}
			Delete a client.

GET	https://t3-awd-recipe-management-system-2.onrender.com/clients/search/{query}	Response (200):
		[
		  {
		    "id": 25,
		    "name": "Restaurant Del Mar",
		    "email": "contact@delmar.com"
		  }
		]
			Search clients by name or email.

HTTP Method	URI	Type	Description

GET	https://t3-awd-recipe-management-system-2.onrender.com/clients/email/{email}	Response (200):
		{
		  "id": 28,
		  "name": "Cafe Central",
		  "email": "manager@cafecentral.com",
		  "phone": "+1-555-0202",
		  "status": "active"
		}
			Get client by email address.

GET	https://t3-awd-recipe-management-system-2.onrender.com/clients/phone/{phone}	Response (200):
		{
		  "id": 25,
		  "name": "Restaurant Del Mar",
		  "phone": "+1-555-0101",
		  "email": "contact@delmar.com",
		  "status": "active"
		}
			Get client by phone number.

URIs needed for Login Module

HTTP Method	URI	Type	Description
GET	https://accounts.google.com/o/oauth2/v2/auth	Response (Redirect):Redirecciona al usuario a la pantalla de inicio de sesión de Google. No devuelve JSON directo, sino una vista HTML o una redirección 302.	Start OAuth flow (chef logs in with Google).

POST	https://oauth2.googleapis.com/token	Response (200):
		{
		  "access_token": "ya29.a0AfH6...",
		  "expires_in": 3599,
			Google Auth Exchange authorization code for access/refresh tokens.

HTTP Method	URI	Type	Description
		"scope": "https://www.googleapis.com/auth/calendar", "token_type": "Bearer", "id_token": "eyJhbGciOiJSUzI1..." }	
POST	https://oauth2.googleapis.com/tokeninfo	Response (200): { "azp": "your-client-id.apps.googleusercontent.com", "aud": "your-client-id.apps.googleusercontent.com", "sub": "10769...", "email": "chef@dishdash.com", "email_verified": "true", "exp": "1700000000" }	Google Auth Validate or inspect an access token.
POST	https://oauth2.googleapis.com/revoke	Response (200): { "success": true }	Google Auth Revoke a refresh or access token (disconnect Google account).

URIs needed for Quote Request Module

HTTP Method	URI	Type	Description

GET	https://t3-awd-recipe-management-system-2.onrender.com/recipes	Response (200):
		``json
		[
		  {
		    "id": 15,
		    "name": "Spaghetti Carbonara",
		    "category": "Main Course",
		    "basePrice": 8.50
		  },
		  {
		    "id": 23,
		    "name": "Caesar Salad",
		    "category": "Starter",
		    "basePrice": 6.00
		  }
		]
		``
			Get list of all available recipes for quote selection.

GET	https://t3-awd-recipe-management-system-2.onrender.com/recipes/category/{category}	Response (200):
		``json
		[
		  {
		    "id": 50,
		    "name": "Tiramisu",
		    "category": "Desserts",
		    "basePrice": 5.50
		  }
		]
		``
			Get recipes filtered by category (drinks, desserts, mains).

GET	https://t3-awd-recipe-management-system-2.onrender.com/recipes/search/{query}	Response (200):
		``json
		[
		  {
		    "id": 15,
		    "name": "Spaghetti Carbonara",
		    "matchScore": 0.95
		  }
		]
		``
			Search recipes by name or description.

GET	https://t3-awd-recipe-management-system-2.onrender.com/recipes/{id}/price	Response (200):
		``json
		{
		  "recipeId": 15,
		  "name": "Spaghetti Carbonara",
		  "costPerServing": 4.06,
		  "suggestedPrice": 8.50,
		  "profitMargin": "52%"
		}
		``
			Get pricing information for a specific recipe before adding to quote.

| POST | https://t3-awd-recipe-management-system-2.onrender.com/quotes | Request:
{
  "clientId": 25,
  "items": [
    {
      "recipeId": 15,
      "servings": 20
    },
    {
      "recipeId": 23,
      "servings": 20
    }
  ],
  "notes": "Birthday Event"
}

Response (201):
{
  "id": 105,
  "clientId": 25,
  "status": "draft",
  "total": 290.00,
  "itemCount": 2,
  "createdAt":
"2024-11-27T16:00:00Z"
} | Create a new quote request with client info and selected products. |

URIs needed for Quote History Module

HTTP Method	URI	Type	Description

GET	https://t3-awd-recipe-management-system-2.onrender.com/quotes	Response (200):
		[
		  {
		    "id": 105,
		    "clientId": 25,
		    "clientName": "Restaurant Del Mar",
		    "status": "draft",
		    "total": 290.00,
		    "date": "2024-11-27"
		  },
		  {
		    "id": 101,
		    "clientId": 25,
		    "clientName": "Restaurant Del Mar",
		    "status": "pending",
			Get list of all quotes.

		"total": 450.00,
		    "date": "2024-11-25"
		  }
		]	

GET	https://t3-awd-recipe-management-system-2.onrender.com/quotes/{id}	Response (200):
		{
		  "id": 101,
		  "clientId": 25,
		  "status": "pending",
		  "items": [
		    {
		      "recipeName": "Spaghetti Carbonara",
		      "servings": 50,
		      "unitPrice": 8.50,
		      "subtotal": 425.00
		    }
		  ],
		  "tax": 25.00,
		  "total": 450.00,
		  "validUntil": "2024-12-10"
		}
			Get details of a specific quote by id.

PUT	https://t3-awd-recipe-management-system-2.onrender.com/quotes/{id}	Request:
		{
		  "status": "approved",
		  "notes": "Client confirmed via phone"
		}
		r>
		Response (200):
		{
		  "id": 101,
		  "status": "approved",
		  "updatedAt": "2024-11-27T17:00:00Z"
		}
			Update existing quote (e.g., change status to approved).

DELETE	https://t3-awd-recipe-management-system-2.onrender.com/quotes/{id}	Response (200):
		{
		  "message": "Quote 105 deleted successfully",
		  "id": 105
		}
			Cancel/Delete a quote (usually pending/draft quotes only).

GET	https://t3-awd-recipe-management-system-2.onrender.com/quotes/status/{status}	Response (200):
		[
		  {
		    "id": 101,
		    "clientName": "Restaurant Del Mar",
		    "total": 450.00
		  }
		]
			Get quotes filtered by status (pending, approved, cancelled).

GET	https://t3-awd-recipe-management-system-2.onrender.com/quotes/{id}/pdf	Response (200):
		{
		  "id": 101,
		  "url":
		"https://storage.googleapis.com/reports/quote_101.pdf",
		  "expiresIn": "1h"
		}
			Get download link for quote PDF.

GET	https://t3-awd-recipe-management-system-2.onrender.com/quotes/client/{clientId}	Response (200):
		[
		  {
		    "id": 101,
		    "status": "pending",
		    "total": 450.00
		  },
		  {
		    "id": 105,
		    "status": "draft",
		    "total": 290.00
		  }
		]
			Get all quotes for a specific client (History per client).

URIs needed for Calendar Module

HTTP Method	URI	Type	JSON	Description

GET	https://t3-awd-recipe-management-system-2.onrender.com/calendar/events	Response	[
			  {
			    "_id":
			"6913dbeaea8eb9d44860657d",
			    "title": "Evento Empresarial - Eventos ML",
			    "eventType": "Custom",
			    "startDate": "2024-11-15T18:00:00.000+00:00",
			    "time": "22:30",
			    "priority": "High"
			  }
			]
				Get all local calendar events (manual + auto-synced).

GET	https://t3-awd-recipe-management-system-2.onrender.com/calendar/events/{id}	Response	{ "_id": "6913dbeaea8eb9d44860657d",	Get details of a specific local event.

			"title": "Evento Empresarial - Eventos ML",
			  "description": "Catering para evento corporativo - 50 personas",
			  "eventType": "Custom",
			  "startDate": "2024-11-15T18:00:00.000+00:00",
			  "time": "22:30",
			  "priority": "High",
			  "relatedQuotationId": "6913d73bea8eb9d44860657e",
			  "contact": "Pablo Herrera",
			  "reminder": true
			}	

POST	https://t3-awd-recipe-management-system-2.onrender.com/calendar/events	Request/Response	{
			  "title": "Evento Empresarial - Eventos ML",
			  "description": "Catering para evento corporativo - 50 personas",
			  "eventType": "Custom",
			  "startDate": "2024-11-15T18:00:00.000+00:00",
			  "time": "22:30",
			  "priority": "High",
			  "relatedQuotationId": "6913d73bea8eb9d44860657e",
			  "contact": "Pablo Herrera",
			  "reminder": true,
			  "syncToGoogle": true
			}
			------------------------ 	
			{ "message": "Event created successfully" }
				Create a new local event; optionally sync to Google Calendar.

PUT	https://t3-awd-recipe-management-system-2.onrender.com/calendar/events/{id}	Request/Response	{
			  "title": "Evento Empresarial - Eventos ML (Actualizado)",
			  "description": "Catering para evento corporativo - 60 personas",
			  "eventType": "Custom",
			  "startDate": "2024-11-15T20:00:00.000+00:00",
			  "time": "23:00",
				Update an existing local event and sync the update to Google Calendar.

			"priority": "High",
			  "relatedQuotationId":
			"6913d73bea8eb9d44860657e
			",
			  "contact": "Pablo Herrera",
			  "reminder": true
			}
			———————————
			{ "message": "Event updated
			successfully" }	

DELETE	https://t3-awd-recipe-management-system-2.onrender.com/calendar/events/{id}	Request	{ "message": "Event deleted successfully" }	Delete a local event and remove it from Google Calendar if linked.

PATCH	https://t3-awd-recipe-management-system-2.onrender.com/calendar/events/{id}/status	Request/Response	{
			  "status": "completed"
			}
			———————————
			{ "message": "Event status updated successfully" }
				Update the status of an event (pending, completed, etc.).

POST	https://t3-awd-recipe-management-system-2.onrender.com/calendar/sync/quotes	Request/Response	{
			  "quotationIds": [
			
			"6913d73bea8eb9d44860657e
			",
			
			"6913d73bea8eb9d448606580
			"
			  ]
			}
			———————————
			{
			  "message": "Quotation events created and synced to Google Calendar"
			}
				Generate events from quotes and push them to Google Calendar.

GET	https://t3-awd-recipe-management-system-2.onrender.com/calendar/upcoming	Response	[
			  {
			    "_id":
			"6913dbeaea8eb9d44860657d
			",
			    "title": "Evento Empresarial - Eventos ML",
			    "startDate":
			"2024-11-15T18:00:00.000+00:00",
				Get upcoming deliveries and pending tasks.

			"priority": "High" }]	

GET	https://www.googleapis.com/calendar/v3/calendars/{calendarId}/events	Response	{
			  "kind": "calendar#events",
			  "items": [
			    {
			      "id": "abc123",
			      "summary": "Evento Empresarial - Eventos ML",
			      "description": "Catering para evento corporativo - 50 personas",
			      "start": { "dateTime": "2024-11-15T18:00:00Z" },
			      "end": { "dateTime": "2024-11-15T23:00:00Z" }
			    }
			  ]
			}
				Retrieve all events from Google Calendar.

GET	https://www.googleapis.com/calendar/v3/calendars/{calendarId}/events/{eventId}	Response	{
			  "id": "abc123",
			  "summary": "Evento Empresarial - Eventos ML",
			  "start": { "dateTime": "2024-11-15T18:00:00Z" },
			  "end": { "dateTime": "2024-11-15T23:00:00Z" }
			}
				Get a specific Google Calendar event.

POST	https://www.googleapis.com/calendar/v3/calendars/{calendarId}/events	Request	{
			  "summary": "Evento Empresarial - Eventos ML",
			  "description": "Catering para evento corporativo - 50 personas",
			  "start": {
			    "dateTime": "2024-11-15T18:00:00.000Z"
			  },
			  "end": {
			    "dateTime": "2024-11-15T22:30:00.000Z"
			  }
			}
			———————————————
			{
			  "id": "abc123googleeventid",
			  "status": "confirmed"
			}
				Create a new event in Google Calendar.

HTTP Method	URI	Type	JSON	Description

PATCH	https://www.googleapis.com/calendar/v3/calendars/{calendarId}/events/{eventId}	Request/Response	{
			  "summary": "Evento Empresarial - Actualizado",
			  "description": "Catering corporativo actualizado para 60 personas",
			  "start": {
			    "dateTime": "2024-11-15T20:00:00.000Z"
			  },
			  "end": {
			    "dateTime": "2024-11-16T00:00:00.000Z"
			  }
			}
			——————————————
			{
			  "message": "Google Calendar event updated"
			}
				Update an existing Google Calendar event.

DELETE	https://www.googleapis.com/calendar/v3/calendars/{calendarId}/events/{eventId}	Request	{
			  "message": "Google Calendar event deleted"
			}
				Delete an event from Google Calendar.

URIs needed for Conversions and Units

HTTP Method	URI	Type	JSON	Description

GET	https://t3-awd-recipe-management-system-2.onrender.com/dishdash/conversions	Response	{
			  "_id": "69447cbe78d0129467ec2c16",
			  "value": 50,
			  "fromUnit": "g",
			  "toUnit": "ml",
			  "result": 53.1914893617021,
			  "densityUsed": 0.94,
			  "ingredientId": "PROD003",
			  "ingredientName": "Ron blanco",
			  "createdAt": "2025-12-18T22:14:22.501Z",
			  "updatedAt": "2025-12-18T22:14:22.501Z",
			  "__v": 0
			}
				Obtain all conversions performed with their corresponding information

POST	https://t3-awd-recipe-management-system-2.onrender.com/dish	Request/Response	{ "value": 50,	It performs the ingredient

	dash/conversion		`"fromUnit": "g",`
			`"toUnit": "ml",`
			`"ingredientId": "PROD003"`
			`}`
			`—`
			`{`
			`"value": 100,`
			`"fromUnit": "g",`
			`"toUnit": "ml",`
			`"density": 0.85`
			`}`
			`————————————————————`
			`{`
			`"from": "50 g",`
			`"to": "53.19 ml",`
			`"densityUsed": 0.94`
			`}`
				conversion by its code or by passing its density value to be exact

POST	https://t3-awd-recipe-management-system-2.onrender.com/dishdash/conversion/kitchen	Request/Response	`{`
			`"value": 50,`
			`"fromUnit": "g",`
			`"toUnit": "ml",`
			`"ingredientId": "PROD003"`
			`}`
			`————————————————————`
			`{`
			`"from": "50 g",`
			`"to": "3 tbsp + 2 tsp",`
			`"densityUsed": 0.94`
			`}`
				Performs conversions to cooking units

GET	https://t3-awd-recipe-management-system-2.onrender.com/dishdash/units	Response	`{`
			`"weight": [`
			`"g",`
			`"kg",`
			`"oz",`
			`"lb"`
			`],`
			`"volume": [`
			`"ml",`
			`"l",`
			`"cup",`
			`"tbsp",`
			`"tsp"`
			`],`
			`"special": [`
			`"kitchen"`
			`]`
				It retrieves all the units in which conversions can be performed.

			}	

GET	https://t3-awd-recipe-management-system-2.onrender.com/dishdash/unitsall	Response	[
			  {
			   "_id": "69446aecefe733a65a0b1e34",
			   "name": "g",
			   "type": "weight",
			   "toBase": 1,
			   "isActive": true
			  },
			  {
			   "_id": "69446b03efe733a65a0b1e35",
			   "name": "kg",
			   "type": "weight",
			   "toBase": 1000,
			   "isActive": true
			  },
			  {
			   "_id": "69446b11efe733a65a0b1e36",
			   "name": "oz",
			   "type": "weight",
			   "toBase": 28.3495,
			   "isActive": true
			  }
			]
				It retrieves all the units into which conversions can be made, including your information.