

Recipe Management System (DishDash) URIs

URIs needed for Cost Analysis Module

HTTP Method	URI	Type	Json	Description
POST	https://recipe-management-cai9.onrender.com/dishdash/costanalysis/calculate	BUSINESS RULE	Request: <pre>{ "recipeId": "68fe8dda656fe7ed262998ca", "selectedIngredients": [{ "productId": "PROD004", "quantity": 450, "unit": "ml" }, { "productId": "PROD005", "quantity": 50, "unit": "ml" }, { "productId": "PROD007", "quantity": 15, "unit": "ml" }], "ivaPercent": 12, "servicePercent": 10 }</pre>	Calculate recipe cost and suggested price
GET	https://recipe-management-cai9.onrender.com/dishdash/costanalysis/recipe/{id}/ingredients-options	BUSINESS RULE	Response (200): <pre>{ "recipeId": "68fe8dda656fe7ed262998ca", "name": "Cuba Libre", "servings": 3, "items": [{ "ingredient": { "ingredientName": "Ron blanco", "quantity": 450, "unit": "ml" }, "options": [{ "_id": "68fe90ba656fe7ed262998cf", "productId": "PROD004", "name": "Ron blanco", "product": "Ron Bacardí Superior", "brand": "Bacardí", "size": 750, "sizeUnit": "ml", "price": 12.9, "supplier": "TIA S.A" }] }, { "ingredient": { "ingredientName": "Coca Cola", "quantity": 50, "unit": "ml" }, "options": [</pre>	Obtain recipe ingredients with available product options

			<pre> "_id": "68fe90d7656fe7ed262998d0", "productId": "PROD005", "name": "Coca Cola", "product": "Coca Cola Original", "brand": "Coca Cola", "size": 2000, "sizeUnit": "ml", "price": 1.85, "supplier": "TIA S.A" }], { "ingredient": { "ingredientName": "Lima", "quantity": 15, "unit": "ml" }, "options": [{ "_id": "68fe90f6656fe7ed262998d1", "productId": "PROD007", "name": "Lima", "product": "Lima fresca", "brand": "Nacional", "size": 100, "sizeUnit": "ml", "price": 0.25, "supplier": "Mercado Jipijapa" }] }] } </pre>	
POST	https://recipemanagement-caj9.onrender.com/dishdash/costanalysis	CRUD	<p>Request:</p> <pre> { "recipeId": "68fe8dda656fe7ed262998ca", "recipeName": "Cuba Libre", "servings": 3, "ingredientsCost": 3.8, "indirectCost": 0.95, "totalCost": 4.75, "costPerServing": 1.9, "taxes": { "ivaPercent": 12, "servicePercent": 10 } } </pre> <p>Response (201):</p> <pre> { "_id": "ca002", "recipeName": "Cuba Libre", "suggestedPricePerServing": 3.6 } </pre>	Create and store a cost analysis
GET	https://recipemanagement-caj9.onrender.com/dishdash/costanalysis	CRUD	<p>Response (200):</p> <pre> [{ "_id": "ca002", "recipeName": "Cuba Libre", "totalCost": 4.75, "suggestedPricePerServing": 3.6 }] </pre>	Obtain all cost analysis records

GET	https://recipemanagement-caj9.onrender.com/dishdash/costanalysis/{id}	CRUD	Response (200): { "_id": "ca002", "recipeName": "Cuba Libre", "costPerServing": 1.9, "suggestedPricePerServing": 3.6 }	Obtain cost analysis detail
PUT	https://recipemanagement-caj9.onrender.com/dishdash/costanalysis/{id}	CRUD	Request: { "servings": 4 } Response (200): { "_id": "ca002", "servings": 4 }	Update an existing cost analysis

URIs needed for Quotes Module

HTTP Method	URI	Type	JSON	Description
POST	https://recipemanagement-caj9.onrender.com/dishdash/quotations/client-requests	BUSINESS RULE	Request: { "clientInfo": { "name": "María Gómez", "phone": "0998810586", "email": "maria.gomez@example.com" }, "eventInfo": { "eventType": "birthday_party", "numberOfGuests": 50, "eventDate": "2025-02-15", "eventTime": "18:00", "location": { "address": "Av. 12 de Noviembre y Los Shirys, Quito, Ecuador", "venueName": "Salón Los Pinos" }, "specialRequirements": "Decoración temática de superhéroes" }, "budgetRange": { "min": 500, "max": 800 } } Response: { "_id": "691a2b3c4d5e6f7g8h9i0j1k", "quotationType": "client_request", "status": "pending", "clientInfo": { "name": "María Gómez", "phone": "0998810586", "email": "maria.gomez@example.com" }, "eventInfo": { "eventType": "birthday_party", 	Client creates a quotation request. Calculates estimated cost.

			<pre> "numberOfGuests": 50, "eventDate": "2025-02-15T00:00:00.000Z", "eventTime": "18:00", "location": { "address": "Av. 12 de Noviembre y Los Shirys, Quito, Ecuador", "venueName": "Salón Los Pinos" }, "preferredCuisine": "Internacional" }, "budgetRange": { "min": 500, "max": 800 }, "estimatedCost": 750, "createdAt": "2025-01-15T10:00:00.000Z" } </pre>	
POST	https://recipemanagement-caj9.onrender.com/dashboard/quotation/chef-calculate	BUSINESS RULE	<pre> Request: { "recipes": [{ "recipeId": "68fe8dda656fe7ed262998ca", "servings": 50, "selectedIngredients": [{ "productId": "PROD004", "quantity": 7500, "unit": "ml" }, { "productId": "PROD005", "quantity": 10000, "unit": "ml" }, { "productId": "PROD007", "quantity": 2500, "unit": "ml" }] }], "discountType": "percentage", "discountValue": 10, "ivaPercent": 12, "servicePercent": 10, "otherPercent": 5 } Response: { "recipes": [{ "recipeId": "68fe8dda656fe7ed262998ca", "recipeName": "Cuba Libre", "servings": 50, "lines": [{ "productId": "PROD004", "name": "Ron blanco", "quantity": 7500, "unit": "ml", "unitCost": 0.0172, </pre>	Calculate quotation preview with multiple recipes, discounts and taxes (no save)

			<pre> "totalCost": 129.0 }, { "productId": "PROD005", "name": "Coca Cola", "quantity": 10000, "unit": "ml", "unitCost": 0.000925, "totalCost": 9.25 }], "ingredientsCost": 154.0, "indirectCost": 38.5, "totalCost": 192.5, "costPerServing": 3.85 }], "discount": { "type": "percentage", "value": 10 }, "subtotal": 192.5, "discountAmount": 19.25, "taxes": { "ivaPercent": 12, "servicePercent": 10, "otherPercent": 5, "ivaAmount": 20.79, "serviceAmount": 17.325, "otherAmount": 8.6625, "totalTaxes": 46.7775 }, "totalAmount": 220.0275 } </pre>	
POST	https://recipemanagerment-caj9.onrender.com/dashboard/quotation/chef-quotation	BUSINESS RULE	<pre> Request: { "clientInfo": { "name": "María Gómez", "phone": "0998810586", "email": "maria.gomez@example.com" }, "eventInfo": { "eventType": "birthday_party", "numberOfGuests": 50, "eventDate": "2025-02-15", "eventTime": "18:00", "location": { "address": "Av. 12 de Noviembre y Los Shirys, Quito, Ecuador", "venueName": "Salón Los Pinos" }, "specialRequirements": "Decoración temática", "dietaryRestrictions": "2 vegetarianos", "preferredCuisine": "Internacional" }, "recipes": [{ "recipeId": "68fe8dda656fe7ed262998ca", "servings": 50, "selectedIngredients": [{ "productId": "PROD004", "quantity": 7500, </pre>	Create a complete chef quotation with recipes, calculations, and client info

			<pre> "unit": "ml" }] }], "discountType": "percentage", "discountValue": 10, "ivaPercent": 12, "servicePercent": 10, "chefId": "chef123" } </pre>	
GET	https://recipemanagement-caj9.onrender.com/dash/quotation	CRUD	<p>Response (201):</p> <pre> [{ "clientInfo": { "name": "María Gómez", "phone": "0998810586", "email": "maria.gomez@example.com" }, "eventInfo": { "location": { "address": "Av. 12 de Noviembre y Los Shirys, Quito, Ecuador", "venueName": "Salón Los Pinos" }, "eventType": "birthday_party", "numberOfGuests": 50, "eventDate": "2025-02-15T00:00:00.000Z", "eventTime": "18:00", "specialRequirements": "Decoración temática", "dietaryRestrictions": "2 vegetarianos", "preferredCuisine": "Internacional" }, "discount": { "type": "percentage", "value": 10 }, "taxes": { "ivaPercent": 12, "servicePercent": 10, "otherPercent": 0, "ivaAmount": 17.415, "serviceAmount": 14.5125, "otherAmount": 0, "totalTaxes": 31.9275 }, "_id": "6948a40364ae0cb7bdecd993", "quotationType": "chef_quotation", "status": "pending", "recipes": [{ "recipeId": "68fe8dda656fe7ed262998ca", "recipeName": "Cuba Libre", "servings": 50, "lines": [{ "productId": "PROD004", "name": "Ron blanco", "quantity": 7500, "unit": "ml", "unitCost": 0.0172, "totalCost": 129, </pre>	<p>Get all quotations (supports query params: ?quotationType=client_request&status=pending)</p>

			<pre> "_id": "6948a40364ae0cb7bdecd995" }], "ingredientsCost": 129, "indirectCost": 32.25, "totalCost": 161.25, "costPerServing": 3.225, "_id": "6948a40364ae0cb7bdecd994" }], "subtotal": 161.25, "discountAmount": 16.125, "totalAmount": 177.0525, "chefId": "chef123", "createdAt": "2025-12-22T01:50:59.144Z", "updatedAt": "2025-12-22T01:50:59.144Z", "__v": 0 }, ...] </pre>	
GET	https://recipemanagerment-caj9.onrender.com/dishdash/quotation/s/{id}	CRUD	<p>Response:</p> <pre> { "_id": "692a3b4c5d6e7f8g9h0i1j2k", "quotationType": "chef_quotation", "status": "pending", "clientInfo": {}, "eventInfo": {}, "recipes": [], "subtotal": 192.5, "discountAmount": 19.25, "totalAmount": 220.0275, "createdAt": "2025-01-15T10:30:00.000Z" } </pre>	Search quotation by id
PUT	https://recipemanagerment-caj9.onrender.com/dishdash/quotation/s/{id}	CRUD	<p>Request:</p> <pre> { "status": "approved", "totalAmount": 250.0, "eventInfo": { "eventDate": "2025-02-20" } } </pre> <hr/> <p>Response (201):</p> <pre> { "_id": "692a3b4c5d6e7f8g9h0i1j2k", "quotationType": "chef_quotation", "status": "approved", "totalAmount": 250.0, "updatedAt": "2025-01-15T11:00:00.000Z" } </pre>	Update an existing quotation
PATCH	https://recipemanagerment-caj9.onrender.com/dishdash/quotation/s/{id}/status	CRUD	<p>Request:</p> <pre> { "status": "completed" } </pre> <p>Response (404):</p> <pre> { "_id": "692a3b4c5d6e7f8g9h0i1j2k", "quotationType": "chef_quotation", "status": "completed", "updatedAt": "2025-01-15T11:15:00.000Z" } </pre>	Update only the status of a quotation

DELETE	https://recipemanagement-caj9.onrender.com/dash/quotation/{id}	CRUD	Response (201): {}	Delete a quotation
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URIs needed for Scaled Recipes Module

HTTP Method	URI	Type	JSON	Description
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POST	https://recipemanagement-caj9.onrender.com/dashdash/recipe/{id}/scale	BUSINESS RULE	<p>Request:</p> <pre>{ "newServings": 6 }</pre> <p>(Optional: "profitMargin": 0.30)</p> <p>Response (201):</p> <pre>{ "message": "Recipe scaled and saved successfully", "scaledRecipe": { "recipeId": "68fe...", "recipeName": "Spaghetti Carbonara", "category": "Main Course", "scaling": { "originalServings": 4, "newServings": 6, "scaleFactor": 1.5 }, "ingredients": [{ "ingredientName": "Pasta", "originalQuantity": 400, "scaledQuantity": 600, "scaledUnit": "g", "cost": 3.50 }], "costPerServing": 2.50, </pre>	<p>Create a new scaling.</p> <p>Calculates ingredient quantities and costs based on newServings . profitMargin defaults to 1.0 (100%) if not sent².</p>
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			<pre>"pricePerServing": 4.16 }</pre>	
GET	https://recipemanagement-caj9.onrender.com/dishdash/scaled-recipes	CRUD	<p>Response (200):</p> <pre>[{ "_id": "789ghi...", "recipeName": "Spaghetti Carbonara", "scaling": { "newServings": 6 }, "costPerServing": 2.50, "pricePerServing": 4.16, "createdAt": "2024-12-18T10:00:00Z" }</pre>	<p>Obtain list of all scaled recipes.</p> <p>Returns all active scalings sorted by creation date (newest first)³.</p>

GET	https://recipemanagement-caj9.onrender.com/dishdash/scaled-recipes/recipe/{recipeId}	CRUD	<p>Response (200):</p> <pre>[{ "_id": "789ghi...", "recipeId": "68fe...", "recipeName": "Spaghetti Carbonara", "scaling": { "newServings": 6 }, "createdAt": "2024-12-18T10:00:00Z" }]</pre>	<p>Obtain history of scalings per recipe.</p> <p>Finds all scaled versions associated with a specific parent recipe ID⁴.</p>
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GET	https://recipemanagement-caj9.onrender.com/dishdash/scaled-recipes/{id}	CRUD	<p>Response (200):</p> <pre>{ "_id": "789ghi...", "recipeId": "68fe...", "recipeName": "Spaghetti Carbonara", "scaling": { "originalServings": 4, "newServings": 6, "scaleFactor": 1.5 }, "ingredients": [...], "costs": { "totalCost": 12.50, "costPerServing": 2.08 } }</pre>	<p>Obtain details of a specific scaled recipe.</p> <p>Returns full details of a previously saved scaling calculation⁵.</p>
DELETE	https://recipemanagement-caj9.onrender.com/dishdash/scaled-recipes/{id}	CRUD	<p>Response (200):</p> <pre>{ "message": "Scaled recipe deactivated successfully", "scaledRecipe": { "_id": "789ghi...", "isActive": false, "deletedAt": "2024-12-18T12:00:00Z" } }</pre>	<p>Delete (Deactivate) a scaled recipe.</p> <p>Sets the isActive flag to false instead of removing it from the database⁶.</p>

URIs for Recipes and Ingredients

HTTP Method	URI	Type	JSON	Description
GET	https://recipemanagement-ca-j9.onrender.com/dishdash/ingredients	CRUD	Response [{ "_id": "68fe90ba656fe7ed262998cf", "productId": "PROD004", "name": "Ron blanco", "category": "liquor", "product": "Ron Bacardi Superior", "brand": "Bacardi", "size": 750, "sizeUnit": "ml", "price": 12.9, "availableUnits": ["ml", "oz"], "supplier": "Distribuidora La Favorita", "isActive": true, "createdAt": "2025-01-10T09:00:00.000Z" }]	Obtain a list of all ingredients.
GET	https://recipemanagement-ca-j9.onrender.com/dishdash/ingredients/{id}	CRUD	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.
GET	https://recipemanagement-ca-j9.onrender.com/dishdash/ingredients/category/{category}	CRUD	Response: [{ "_id": "68fe90ba656fe7ed262998cf", "productId": "PROD004", "name": "Ron blanco", "category": "liquor", "product": "Ron Bacardi Superior", "brand": "Bacardi", "size": 750, "sizeUnit": "ml", "price": 12.9, "availableUnits": ["ml", "oz"], "supplier": "Distribuidora La Favorita", "isActive": true }]	Get ingredients by category

GET	https://recipemanagement-ca-j9.onrender.com/dishdash/ingredients/name/{name}	CRUD	<p>Response:</p> <pre>{ "_id": "68fe90ba656fe7ed262998cf", "productId": "PROD004", "name": "Ron blanco", "category": "liquor", "product": "Ron Bacardí Superior", "brand": "Bacardí", "size": 750, "sizeUnit": "ml", "price": 12.9, "availableUnits": ["ml", "oz"], "supplier": "Distribuidora La Favorita", "isActive": true }</pre>	Get ingredients by name
POST	https://recipemanagement-ca-j9.onrender.com/dishdash/ingredient	CRUD	<p>Request:</p> <pre>{ "productId": "PROD005", "name": "Coca Cola", "category": "soft_drink", "product": "Coca Cola Original", "brand": "Coca Cola", "size": 3000, "sizeUnit": "ml", "price": 2.85, "availableUnits": ["ml"], "supplier": "Arca Continental" }</pre> <p>-----</p> <p>Response:</p> <pre>{ "_id": "68fe91cc656fe7ed262998d1", "productId": "PROD005", "name": "Coca Cola", "category": "soft_drink", "product": "Coca Cola Original", "brand": "Coca Cola", "size": 3000, "sizeUnit": "ml", "price": 2.85, "availableUnits": ["ml"], "supplier": "Arca Continental", "isActive": true, "createdAt": "2025-01-12T14:20:00.000Z" }</pre>	Create a new ingredient.
PUT	https://recipemanagement-ca-j9.onrender.com/dishdash/ingredients/{id}	CRUD	<p>Request:</p> <pre>{ "name": "Ron blanco añejo", "price": 9.25, "availableUnits": 10 }</pre> <p>-----</p> <p>Response:</p> <pre>{ "_id": "68fe8fed656fe7ed262998cd", "productId": "PROD003", "name": "Ron blanco añejo", }</pre>	Update existing ingredient.

			<pre> "category": "Licores", "product": "Ron Castillo", "brand": "Castillo", "size": 750, "sizeUnit": "ml", "price": 9.25, "availableUnits": 10, "supplier": "Mi Comisariato", "isActive": true } </pre>	
DELETE	https://recipemanagement-caj9.onrender.com/dishdash/ingredients/{id}	CRUD	Response: <pre> { "message": "Ingredient deactivated successfully", "ingredient": { "productId": "PROD005", "name": "Coca Cola", "isActive": false, "deletedAt": "2025-01-15T09:30:00.000Z" } } </pre>	Delete an ingredient.
PATCH	https://recipemanagement-caj9.onrender.com/dishdash/ingredient/{productId}/restore	CRUD	Response: <pre> { "message": "Ingredient restored successfully", "ingredient": { "productId": "PROD005", "name": "Coca Cola", "isActive": true, "deletedAt": null } } </pre>	Restore a product
GET	https://recipemanagement-caj9.onrender.com/dishdash/ingredients/search/{name}	CRUD	<pre> [{ "_id": "68fe8fed656fe7ed262998cd", "name": "Ron blanco", "productId": "PROD003" }] </pre>	Search ingredients by name
GET	https://recipemanagement-caj9.onrender.com/dishdash/recipes	CRUD	Response <pre> [{ "_id": "68fe8dda656fe7ed262998ca", "name": "Cuba Libre", "category": "cocktail", "servings": 1 }] </pre>	Get list of all recipes
GET	https://recipemanagement-caj9.onrender.com/dishdash/recipes/{id}	CRUD	Response <pre> { "_id": "68fe8dda656fe7ed262998ca", "name": "Cuba Libre", "servings": 1, "description": "Classic refreshing Cuban cocktail", "ingredients": [{ </pre>	Get specific recipe details.

			<pre> "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" } </pre>	
POST	https://recipemanagement-ca.j9.onrender.com/dishdash/recipe	BUSINESS RULE	Request <pre> { "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"] } </pre>	Create a new recipe.
PUT	https://recipemanagement-ca.j9.onrender.com/dishdash/recipes/{id}	CRUD	Request <pre> { "name": "Cuba Libre Especial", "servings": 2 } </pre>	Update existing recipe.
DELETE	https://recipemanagement-ca.j9.onrender.com/dishdash/recipes/{id}	CRUD	Response <pre> { "message": "Recipe deleted" } </pre>	Delete recipe.
GET	https://recipemanagement-ca	BUSINESS	Response	List recipes filtered

	j9.onrender.com/dishdash/recipes/category/{category}		[{ "_id": "68fe8dda656fe7ed262998ca", "name": "Cuba Libre", "category": "cocktail" }]	by category.
GET	https://j9.onrender.com/dishdash/recipes/name/{name}	BUSINESS	Response [{ "_id": "68fe8dda656fe7ed262998ca", "name": "Cuba Libre" }]	Search recipes by name.
GET	https://j9.onrender.com/dishdash/recipes/{id}	CRUD	Response { "_id": "6948b34bf5ee77d37e46617b", "name": "Margarita", "servings": 1, "description": "Mexican tequila cocktail", "ingredients": [{ "ingredientName": "Tequila", "productId": "PROD010", "quantity": 50, "unit": "ml", "_id": "6948b34bf5ee77d37e46617c" }, { "ingredientName": "Triple Sec", "productId": "PROD001", "quantity": 25, "unit": "ml", "_id": "6948b34bf5ee77d37e46617d" }, { "ingredientName": "Lima", "productId": "PROD007", "quantity": 20, "unit": "ml", "_id": "6948b34bf5ee77d37e46617e" }], "instructions": ["Agregar ingredientes al shaker", "Agitar", "Servir en copa escarchada"] }	Search recipes by id

			<pre>], "costPerServing": 0.775, "pricePerServing": 1.55, "category": "cocktail", "isActive": true, "deletedAt": null, "createdAt": "2025-12-22T02:56:11.479Z", "updatedAt": "2025-12-22T02:56:11.479Z", "__v": 0 } </pre>	

URIs needed for Client Module (ALL CRUD)

HTTP Method	URI	Type	Description
GET	https://t3-awd-recipe-management-system-2.onrender.com/clients	Response (200): <pre> [{ "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" }] </pre>	Obtain a list of all clients.

GET	https://t3-awd-recipe-management-system-2.onrender.com/clients/{id}	Response (200): <pre>{ "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" }</pre>	Get details of a specific client by id.
POST	https://t3-awd-recipe-management-system-2.onrender.com/clients	Request: <pre>{ "name": "Hotel Plaza", "email": "info@hotelplaza.com", "phone": "+1-555-0303", "address": "Main Square 45, Quito", "type": "Hotel" }</pre> Response (201): <pre>{ "id": 30, "name": "Hotel Plaza", "email": "info@hotelplaza.com", "phone": "+1-555-0303", "type": "Hotel", "createdAt": "2024-11-27T14:00:00Z" }</pre>	Create a new client.

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.
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.
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URIs needed for Login Module (ALL CRUD)

HTTP Method	URI	Type	Description
GET	https://recipemanagement-caj9.onrender.com/dishdash/auth/google	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://recipemanagement-caj9.onrender.com/dishdash/auth/google/callback	Response (200): { "access_token": "ya29.a0AfH6...", "expires_in": 3599, "scope": "https://www.googleapis.com/auth/calendar", "token_type": "Bearer", "id_token": "eyJhbGciOiJSUzI1..." }	Google Auth Exchange authorization code for access/refresh tokens.
POST	https://recipemanagement-caj9.onrender.com/dishdash/auth/failure	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", }	Google Auth Validate or inspect an access token.

		"exp": "1700000000" }	
POST	https://recipemanagement-caj9.onrender.com/dishdash/auth/verify	Response (200): { "success": true }	Google Auth Revoke a refresh or access token (disconnect Google account).

URIs needed for Calendar Module

HTTP Method	URI	Type	JSON	Description
GET	https://recipemanagement-caj9.onrender.com/dishdash/calendar/events	CRUD	<p>Response</p> <pre>[{ "status": "pending", "_id": "694891b3898dc94237707845" }, { "title": "Entrega modificada", "type": "delivery", "startDate": "2025-01-30T15:00:00.000Z", "quotationId": "691977a84757c6f5cc71c8e2", "recipeId": null, "color": "#00aaff", "icon": "truck", "createdAt": "2025-12-22T00:32:51.569Z", "updatedAt": "2025-12-22T00:36:52.573Z", "__v": 0 }, { "_id": "69489af0a401f396482fe1da", "title": "Reunión con undefined", "type": "meeting", "startDate": "2025-12-22T01:12:16.654Z", "quotationId": "6948998fa401f396482fe1d0", "recipeId": null,</pre>	Get all local calendar events

			<pre> "status": "pending", "color": "#36b9cc", "icon": "calendar", "createdAt": "2025-12-22T01:12:16.834Z", "updatedAt": "2025-12-22T01:12:16.834Z", "__v": 0 }] </pre>	
GET	https://recipemanagement-caj9.onrender.com/dashboard/calendar/events/{id}	CRUD	<p>Response</p> <pre> { "_id": { "\$oid": "6948998fa401f396482fe1d0" }, "quotationType": "client_request", "status": "pending", "clientInfo": { "name": "Juan Perez", "phone": "1234567890", "email": "juan@example.com" }, "eventInfo": { "eventType": "wedding", "numberOfGuests": 100, "eventDate": { "\$date": "2025-12-31T00:00:00.000Z" }, "eventTime": "18:00", "location": { "address": "Av. Siempre Viva 123", "venueName": "Salón Fiesta" } }, "budgetRange": { "min": 5000, "max": 15000 }, "estimatedCost": 2500, "discount": { "type": "percentage", "value": 0 }, "taxes": { </pre>	Get details of a specific local event.

			<pre> "ivaPercent": 0, "servicePercent": 0, "otherPercent": 0, "ivaAmount": 0, "serviceAmount": 0, "otherAmount": 0, "totalTaxes": 0 }, "recipes": [], "createdAt": { "\$date": "2025-12-22T01:06:23.959Z" }, "updatedAt": { "\$date": "2025-12-22T01:06:23.959Z" }, "__v": 0 } </pre>	
POST	https://recipemanagement-caj9.onrender.com/dashboard/calendar/events	CRUD	<p>Request</p> <pre> { "title": "Reunión con cliente", "type": "meeting", "startDate": "2025-12-25T10:00:00.000Z", "quotationId": "641234abcd5678ef90123456", "color": "#36b9cc", "icon": "calendar" } </pre> <hr/> <p>Response</p> <pre> { "message": "Event created successfully" } </pre>	Create a new local event; optionally sync to Google Calendar.
PUT	https://recipemanagement-caj9.onrender.com/dashboard/calendar/events/{id}	CRUD	<p>Request</p> <pre> { "title": "Reunión actualizada", "color": "#ff0000" } </pre> <p>Response</p> <hr/> <pre> { "message": "Event updated successfully" } </pre>	Update an existing local event and sync the update to Google Calendar.
DELETE	https://recipemanagement-caj9.onrender.com/dashboard/calendar/events/{id}	CRUD	<p>Request</p> <pre> { "message": "Event deleted successfully" } </pre>	Delete a local event and remove it from Google

				Calendar if linked.
PATCH	https://recipemanagement-caj9.onrender.com/dashboard/calendar/events/{id}/complete	CRUD	<p>Request</p> <pre>{ "status": "completed" }</pre> <p>-----</p> <p>Response</p> <pre>{ "message": "Event status updated successfully" }</pre>	Update the status of an event (pending, completed, etc.).
POST	https://recipemanagement-caj9.onrender.com/dashboard/calendar/quotations/{quotationId}	CRUD	<p>Request{</p> <pre>"quotationIds": ["6948998fa401f396482fe1d0"]</pre> <p>-----</p> <p>Response</p> <pre>{ "message": "Quotation events created and synced to Google Calendar" }</pre>	Generate events from quotes and push them to Google Calendar.
POST	https://recipemanagement-caj9.onrender.com/dashboard/calendar/events/create-from-quotation/{quotationId}	BUSINESS RULE		
GET	https://www.googleapis.com/calendar/v3/calendars/{calendarId}/events		<p>Response</p> <pre>{ "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" } }] }</pre>	Retrieve all events from Google Calendar.

			<pre>] } </pre>	
GET	https://www.googleapis.com/calendar/v3/calendars/{calendarId}/events/{eventId}	Response	<pre> { "id": "abc123", "summary": "Evento Empresarial - Eventos ML", "start": { "dateTime": "2024-11-15T18:00:00Z" }, "end": { "dateTime": "2024-11-15T23:00:00Z" } } </pre>	Get a specific Google Calendar event.
POST	https://www.googleapis.com/calendar/v3/calendars/{calendarId}/events	Request	<pre> { "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" } </pre>	Create a new event in Google Calendar.
PATCH	https://www.googleapis.com/calendar/v3/calendars/{calendarId}/events/{eventId}	Request/Response	<pre> { "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" } } ----- { </pre>	Update an existing Google Calendar event.

			"message": "Google Calendar event updated" }	
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://recipemanagement-caj9.onrender.com/dishdash/conversions	CRUD	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://recipemanagement-caj9.onrender.com/dishdash/conversion	BUSINESS RULE	Request { "value": 50, "fromUnit": "g", "toUnit": "ml", "ingredientId": "PROD003" } — { "value": 100, "fromUnit": "g", "toUnit": "ml", "density": 0.85 } ----- Response	It performs the ingredient conversion by its code or by passing its density value to be exact

			<pre>{ "from": "50 g", "to": "53.19 ml", "densityUsed": 0.94 }</pre>	
POST	https://recipemanagement-caj9.onrender.com/dishdash/conversion/kitchen	BUSINESS RULE	<p>Request</p> <pre>{ "value": 50, "fromUnit": "g", "toUnit": "ml", "ingredientId": "PROD003" }</pre> <hr/> <p>Response</p> <pre>{ "from": "50 g", "to": "3 tbsp + 2 tsp", "densityUsed": 0.94 }</pre>	Performs conversions to cooking units
GET	https://recipemanagement-caj9.onrender.com/dishdash/units	CRUD	<p>Response</p> <pre>{ "weight": ["g", "kg", "oz", "lb"], "volume": ["ml", "l", "cup", "tbsp", "tsp"], "special": ["kitchen"] }</pre>	It retrieves all the units in which conversions can be performed.
GET	https://recipemanagement-caj9.onrender.com/dishdash/unitsall	CRUD	<p>Response</p> <pre>[{ "_id": "69446aecefe733a65a0b1e34", "name": "g", "type": "weight", "toBase": 1, "isActive": true }, {</pre>	It retrieves all the units into which conversions can be made, including your information.

			<pre>"_id": "69446b03efe733a65a0b1e35", "name": "kg", "type": "weight", "toBase": 1000, "isActive": true }, { "_id": "69446b11efe733a65a0b1e36", "name": "oz", "type": "weight", "toBase": 28.3495, "isActive": true }]</pre>	
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