

REST API Specification

It supports two CRUD operations - Create and Read:

Endpoint:

<https://ob273.brighton.domains/ci609/assignment1/server/api.php?name=>

READ	Read Recipe for the given name
HTTP method	GET
Required parameters	name Name of the recipe you are looking for. Alphanumeric string (0..9, a-z, A-Z), Max length of 64 characters. Example: name=chicken+and+chorizo+jambalaya
Response	HTTP status codes: 200 – ok 204 – ok, no content(e.g. no recipe for this name) 400 – bad request(e.g. parameter missing or invalid) 500 – Internal server error(e.g. database connection failed)
	Response body for status code 200: JSON data string containing the recipes (recipe) specified in the request and an array of the recipe objects each with name, ingredients, portion, preparation_time, cooking_time, instructions, images, other property. Example: { "recipe": [{ "name": "chicken and chorizo jambalaya", "ingredients": "1 tbsp olive oil, 2 chicken breasts (chopped)", "portion": 4, "preparation_time": 10, "cooking_time": 45, "instructions": "STEP 1: heat 1 tbsp olive oil in a large pan", "images": "", "other": "Season to your taste", }] }
	Response body for all other status codes: -Empty -

Endpoint:

<https://ob273.brighton.domains/ci609/assignment1/server/api.php>

Create	Create a new recipe for a dish
HTTP method	POST
Required parameters	name Required Name of the recipe, URL encoded string, Alphanumeric string (0..9, a-z, A-Z), max length 64 characters. Example: name=nachos%20and%20meat
	ingredients Required Names and the amount of the ingredients needed for the recipe to be made, max length 5000 characters. Example: ingredients=tortilla%20chips%2c%20salsa%2c%20toppings
	portion Required The number of people that this recipe is intended for, max number length of 11. Example: portion=2
	preparation_time Required The number of minutes that you will need for preparing the ingredients, max number length of 11. Example: preparation_time=10
	cooking_time Required The number of minutes you will need for cooking the recipe, max number length of 11. Example: cooking_time=45
	instructions Required the steps needed to carry out the recipe, no max length as TEXT type in database. Example: instructions=Heat%20the%20oil%20in%20a%20large%20pan
	images Optional not required an image for the recipe, if you have one, data type is mediumblob, default is null. Example: images=""
	other Optional not required any additional information that you think is needed for someone making the recipe, no max length as TEXT type in database.

	Example: other=Season%20to%20your%20taste%20and%20liking
Response	<p>HTTP status codes:</p> <p>201 – ok, record created</p> <p>400 – bad request(e.g. parameter missing or invalid)</p> <p>500 – Internal server error(e.g. database connection failed)</p>
	<p>Response body for status code 201:</p> <p>JSON data string containing the id of the newly created record.</p> <p>Example:</p> <pre>{ "id":10 }</pre>
	<p>Response body for all other status codes:</p> <p>-Empty-</p>