

# RECIPE BOOK

## Recipe\_Organisations

CREATE TABLE recipe\_organisations (

recipe\_id INT, -- Recipe ID to link the recipe

category VARCHAR(255) NOT NULL, -- Category of the recipe (e.g., "Dessert",  
"Main course")

rating DECIMAL(3,2) NOT NULL, -- Rating of the recipe, can be up to 5.00

PRIMARY KEY (recipe\_id), -- Primary key is recipe\_id

FOREIGN KEY (recipe\_id) REFERENCES recipe\_management(recipe\_id) -- Foreign key  
constraint

ON DELETE CASCADE -- If the recipe is deleted, the record here is also  
deleted );

desc recipe\_organisations;

	Field	Type	Null	Key	Default	Extra
►	recipe_id	int	NO	PRI	NULL	
	category	varchar(255)	NO		NULL	
	rating	decimal(3,2)	NO		NULL	

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## Recipe\_Cooking

CREATE TABLE recipe\_cooking (

recipe\_id INT, -- Recipe ID referencing the recipe

recipe\_name VARCHAR(255) NOT NULL, -- Name of the recipe

recipe\_instruction TEXT NOT NULL, -- Detailed instructions for cooking

timer INT NOT NULL, -- Cooking time in minutes

PRIMARY KEY (recipe\_id), -- Primary key is the recipe\_id

FOREIGN KEY (recipe\_id) REFERENCES recipe\_management(recipe\_id) -- Foreign key  
constraint

ON DELETE CASCADE, -- If the recipe is deleted, cascade the deletion here

CONSTRAINT unique\_recipe\_instruction UNIQUE (recipe\_id, recipe\_name) -- Ensure unique combination

);

**desc recipe\_cooking;**

	Field	Type	Null	Key	Default	Extra
►	recipe_id	int	NO	PRI	NULL	
	recipe_name	varchar(255)	NO		NULL	
	recipe_instruction	text	NO		NULL	
	timer	int	NO		NULL	

## Recipe\_Management

CREATE TABLE recipe\_management (

recipe\_id INT AUTO\_INCREMENT PRIMARY KEY, -- Unique ID for each recipe

recipe\_name VARCHAR(255) NOT NULL, -- Name of the recipe

recipe\_ingredients TEXT NOT NULL, -- Ingredients required for the recipe

CONSTRAINT unique\_recipe\_name UNIQUE (recipe\_name) -- Ensure no duplicate recipe names

);

**desc recipe\_management;**

	Field	Type	Null	Key	Default	Extra
►	recipe_id	int	NO	PRI	NULL	auto_increment
	recipe_name	varchar(255)	NO	UNI	NULL	
	recipe_ingredients	text	NO		NULL	

TABLE RELATIONSHIP DIAGRAM (ER DIAGRAM)

