# **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	Туре	Null	Key	Default	Extra
•	recipe_id	int	NO	PRI	HULL	
	category	varchar(255)	NO		NULL	
	rating	decimal(3,2)	NO		NULL	

#### Recipe\_Cooking

constraint

```
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
```

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		HULL	

# 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;

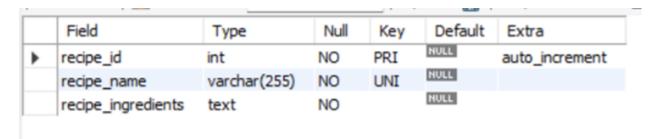


TABLE RELATIONSHIP DIAGRAM (ER DIAGRAM)

