have a way to manage dishes. A dish is something the client wants to cook, like pizza or tacos.

have a way to manage recipes. A dish can have different recipes for tacos, like tex-mex or granny's. A recipe belongs only to one dish.

have a way to manage ingredients.

a recipe could have more than one ingredient and the same ingredient can be used in multiple recipes. Examples are "cup of corn flour" or "gram of butter".

when saving the ingredients for a recipe capture the quantity required for that ingredient as a floating number.

have a way to save instructions for cooking a recipe.

have a way to pick a dish and a recipe and get a shopping list with all the ingredients, and quantity of each, needed to cook the dish.

Ingredients

🔑 id	integer
ingredient	string(255)

Dishes

🔑 id	integer
dish	string

recipe_ingredients

a 3rd table to manage the many to many relationships between recipes and ingredients

🔑 id	integer
ingredients_id	integer
recipes_id	integer
quantity	float

Recipes

🔑 id	integer
dish_id	integer
recipe	text