

Initial models

## Recipes

recipe\_id  
name  
description  
cooking\_time  
ingredients  
difficulty  
cooking\_instructions  
origin\_country  
creation\_date  
picture

## Users

user\_id  
name  
email  
favorite\_recipes  
notes

# Modified models

## Recipes model

### Attributes

recipe\_name  
user  
is\_public  
description  
special\_note  
cooking\_time  
number\_of\_portions  
recipe\_estimated\_cost  
origin\_country  
recipe\_category  
allergens  
creation\_date  
pic

### Automatically added attributes

Difficulty  
Creation date  
Recipe URL  
Recipe URL signed users

## Legend

No color = existing attribute without change

Yellow = existing attribute but with name changed

Green = new attributes

## Changes explanation

**recipe\_name**: attribute name more meaningful

**user**: attribute that will be used to associate recipes to the users that created them, and then allow to display these recipes in each user' profile page respectively (each user will have their own/private recipes created and they will be shown in their own profile page once logged-in)

**is\_public**: attribute that will be used to distinguish public recipes made by the superuser (me) that will be available for everyone to see vs the recipes created by external logged-in users that will only be available to them in their profile page.

**special\_note**: interesting additional attribute to have

**number\_of\_portions**: interesting additional attribute to have

**recipe\_estimated\_cost**: interesting additional attribute to have

**recipe\_category**: interesting additional attribute to have

**allergens**: interesting additional attribute to have

## Changes explanation

**pic**: attribute name more meaningful

**recipe\_url**: url that will be used to redirect unsigned users to the recipe detailed page (unsigned version)

**recipe\_url\_signed\_users**: url that will be used to redirect signed users to the recipe detailed page (signed version)

## RecipeIngredients\_model

### Attributes

recipe=models.ForeignKey

ingredient\_name

quantity

unit\_of\_measurement

possible\_substitute

substitute\_special\_note

### Legend

No color = existing attribute without change

Yellow = existing attribute but with name changed

Green = new attributes

**\*All these attributes are for a single recipe, but they have been separated in category for easier input process with more advance functionalities**

## Changes explanation

**recipe = models.ForeignKey**: used to establish a connection with the Recipes model, so that ingredients added for a recipe are stored correctly for that specific recipe

**ingredient\_name**: attribute name more meaningful

**quantity**: interesting additional attribute to have

**unit\_of\_measurement**: interesting additional attribute to have

**possible\_substitute**: interesting additional attribute to have

**substitute\_special\_note**: interesting additional attribute to have



## RecipeCookingInstructions model

### Attributes

recipe=models.ForeignKey  
step\_name  
step\_instruction

### Legend

No color = existing attribute without change

Yellow = existing attribute but with name changed

Green = new attributes

**\*All these attributes are for a single recipe, but they have been separated in category for easier input process with more advance functionalities**

## Changes explanation

**recipe = models.ForeignKey**: used to establish a connection with the Recipes model, so that cooking instructions added for a recipe are stored correctly for that specific recipe

**step\_name**: interesting additional attribute to have

**step\_instruction**: interesting additional attribute to have

## RecipeToolsNeeded model

### Attributes

```
recipe=models.ForeignKey  
cooking_tool_name  
cooking_tool_pic
```

### Legend

No color = existing attribute without change

Yellow = existing attribute but with name changed

Green = new attributes

**\*All these attributes are for a single recipe, but they have been separated in category for easier input process with more advance functionalities**

## Changes explanation

**recipe = models.ForeignKey**: used to establish a connection with the Recipes model, so that cooking tools added for a recipe are stored correctly for that specific recipe

**cooking\_tool\_name**: interesting additional attribute to have

**cooking\_tool\_pic**: interesting additional attribute to have

## RecipeSimilarComplementary model

### Attributes

recipe=models.ForeignKey  
complementary\_recipe\_name  
complementary\_recipe\_link\_unsigned\_users  
complementary\_recipe\_link\_signed\_users  
similar\_recipe\_pic

### Legend

No color = existing attribute without change

Yellow = existing attribute but with name changed

Green = new attributes

**\*All these attributes are for a single recipe, but they have been separated in category for easier input process with more advance functionalities**

## Changes explanation

**recipe = models.ForeignKey**: used to establish a connection with the Recipes model, so that similar recipes added for a recipe are stored correctly for that specific recipe

**complementary\_recipe\_name**: interesting additional attribute to have

**complementary\_recipe\_link\_unsigned\_users**: link that will be used to redirect unsigned users to a similar recipe detailed page (unsigned version)

**complementary\_recipe\_link\_signed\_users**: link that will be used to redirect signed users to a similar recipe detailed page (signed version)

**similar\_recipe\_pic**: interesting additional attribute to have

## RecipeComments model

### Attributes

recipe=models.ForeignKey

users

text

created\_at

### Legend

No color = existing attribute without change

Yellow = existing attribute but with name changed

Green = new attributes

**\*All these attributes are for a single recipe, but they have been separated in category for easier input process with more advance functionalities**

## Changes explanation

**recipe = models.ForeignKey**: used to establish a connection with the Recipes model, so that comments added for a recipe are stored correctly for that specific recipe

**users**: will allow identifying which user wrote comment on which recipe

**text**: will allow storing users' comments on recipes

**created\_at**: will allow storing users' date of comment on recipes



## Users model

### Attributes

name  
email  
favorite\_recipes  
notes  
pic

### Legend

No color = existing attribute without change

Yellow = existing attribute but with name changed

Green = new attributes

## Changes explanation

**pic**: allow user to upload a photo if wanted