

## Task - 2.5

### Changes made to Model Database:

```
class Recipe (models.Model):
```

```
    name = models.CharField(max_length=255, blank=False, help_text="Enter the name of the
recipe")
    ingredients = models.TextField(help_text="Insert ingredients separated by a comma")
    cooking_time = models.PositiveIntegerField(validators=[MinValueValidator(1)], help_text="Insert
the cooking time in minutes")
    difficulty = models.CharField(max_length=30, editable=False)
    method = models.TextField(help_text="Describe the cooking method of the recipe")
    pic = models.ImageField(upload_to='recipes', default='no_picture.jpg')
    liked_by = models.ManyToManyField(User, related_name='liked_recipe', blank=True)

    def calculateDifficulty(self):
        items = [i.strip() for i in self.ingredients.split(",") if i.strip()]
        if self.cooking_time < 10 and len(items) < 4:
            self.difficulty = "Easy"
        elif self.cooking_time < 10 and len(items) >= 4:
            self.difficulty = "Medium"
        elif self.cooking_time >= 10 and len(items) < 4:
            self.difficulty = "Intermediate"
        elif self.cooking_time >= 10 and len(items) >= 4:
            self.difficulty = "Hard"

    def save(self, *args, **kwargs):
        self.full_clean()
        self.calculateDifficulty()
        super().save(*args, **kwargs)

    def __str__(self):
        return str(self.name)
```

- Add 'pic' attribute
- Changed 'likes' with many to many relation model attribute 'liked\_by'. This allows each user to set one like or not to a specific recipe

## JOURNAL DOC

Frontend Inspiration

<https://www.giallozafferano.it/>

What I like mostly of these page is the easy and straightforward layout, displaying only the essential infos of the recipe.

<https://www.simplyrecipes.com/lunch-recipes-5091263>

In these page I like the grid displaying the recipes with the category search bar on top



## IWISU

CHECKA CIAMMAICHELLI

ANNIKA PANIKKER

🕒 20 mins

### Explore Lunches

ALL

SANDWICHES

QUICK LUNCHES

SALADS

SOUPS

MORE 🔍



CHICKEN SALADS

The 10-Minute  
Chicken Salad I  
Can't Stop Eating



TOAST

My Favorite Tomato  
Sandwich Takes 3  
Minutes To Make



EGGS

The 3-Ingredient  
Egg Salad I Make  
Every Week

🕒 20 mins

★★★★★



SANDWICHES

This Easy 3-Minute  
Sandwich Might  
Sound Crazy, but I  
Love It

