Modified models in detail

recipes/models.py
- `ingredients`
- changing from `TextField()` to `ManyToManyField()`
- the recipe will only need the ID of the ingredients, and after accessing the database we will get all the information about each ingredient
- the Ingredient class will have access to the Recipes class as well, so we can see, if one ingredient is present in which recipes.

- adding `recipe_cost`
- will be calculated based on the price and quantity of the ingredients

-difficulty is changed to optional
-It will be calculated automatically in the application

- `creator_id`
- changing from `CharField()` to `ForeignKey()`
- to build a relationship between Recipe and User, so at the creating of the recipe, the user doesn't have to give their ID manually every time

- adding 'pic'
- like this, the recipes will be able to have a picture as a representation

- adding `recipe_directions`
- to allow the users to write down all the important parts of the recipe.

ingredients/models.py
- adding `recipe_appearance` key as a `ManyToManyField()`
- if this field is empty, the instance of the Class will be deleted due to absence of the presence in any recipe.
- upon creating the recipe, if the given ingredient isn't present in the database, the user has to add the ingredient to the database as well
- if the given ingredient name is present in the database, the user will be asked if it is the right ingredient.
- if the answer is yes, proceed
- if the answer is no, the application will look for another ingredient with the same name, and repeat the question
- if none is found, the user has to create a new ingredient with the given name (it will have a new

ID)
- As long as I manually have to add data, I think I can't implement it.

- switching name `price_unit` to `ingredient_unit_type`
- for a better understanding, what this key-value pair want to
represent

- removing 'supplier'
- the user will use the average price of the ingredient instead.

- adding 'pic'
- like this, the recipes will be able to have a picture as a representation

users/models.py
-`favorite_recipes`
- changing from `TextField` to `ManyToMany()` relations
- we will be able to see which recipes a specific user favored, and by
which users a specific recipe has been favored

- adding 'profile_pic'
- like this, the user will be able to have a picture as a representation
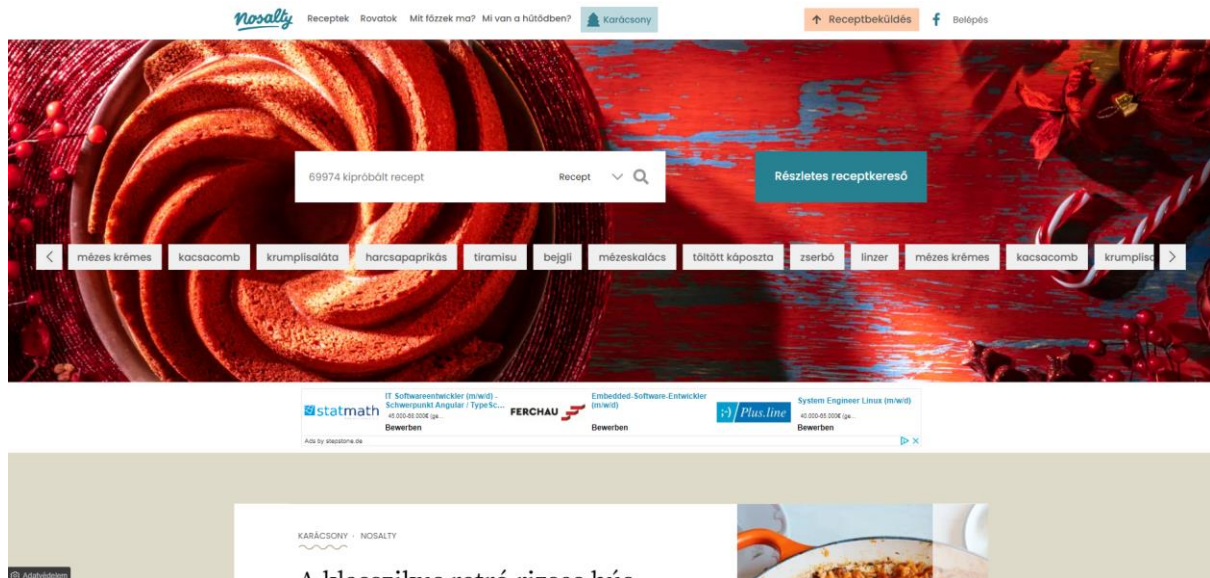
Frontend inspirations

Honestly, I search for recipes on Google, but here are my most used websites:

https://www.nosalty.hu/
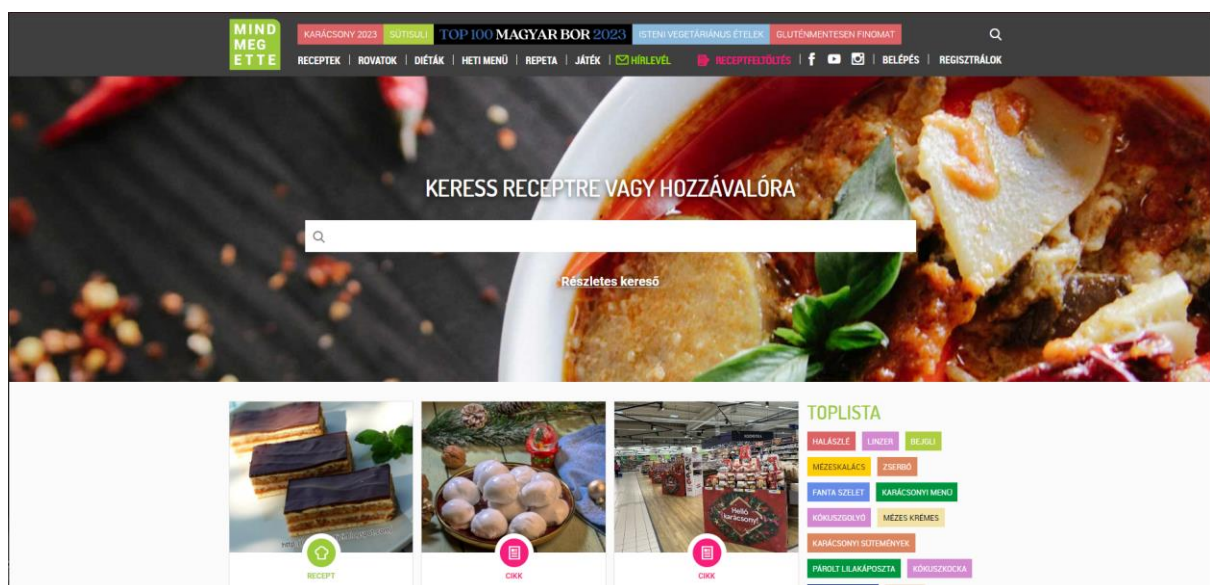https://www.mindmegette.hu/

https://cookpad.com/hu

I saw their homepage for the first time, and I find the first and second link a lot more appealing, than the third one.

nosalty homepage

mindmegette homepage

Overall, I find 'mindmegette.hu' the most appealing website out of these three, these are the things I like the most about it:
- the header font type
- the background behind the search bar
- I can search for both recipes and ingredients as well.

HOZZÁVALÓK

4 db	nagyobb tv paprika	◯
1 db	erős zöldpaprika	◯
4 db	nagy paradicsom	◯
1 fej	vöröshagyma	◯
pici	olaj	◯
	pirospaprika	◯
	só	◯
4 db	tojás	◯

BEVÁSÁRLÓLISTA | 0

ALLERGÉNEK

◯ tojás

40 perc   egyszerű   olcsó   2 adag

ELKÉSZÍTÉS

1. A vöröshagymát karikákra vágjuk, pici olajon megdinszteljük. Pirospaprikát szórunk rá, majd felöntjük kb. 1 dl vízzel, hogy ne kapja le.

2. A paradicsomot meghámozzuk, majd felkockázzuk. A paprikát kicsumázzuk és felkarikázzuk.

3. Az elkészült hagymára öntjük a paradicsomot, óvatosan átforgatjuk, ízlés szerint sózzuk, borsozzuk. Ha felforrt, a paprikát is hozzáadjuk. Fedő alatt, lassú tűzön, a forrástól számított 10-15 perc alatt puhára főzzük.

4. A tojásokat közben villával felverjük. Ízlés szerint sózzuk, majd az elkészült lecsóra öntjük. Pár perc alatt jól összesütjük. Friss, puha kenyérrel kínáljuk.

- I like how the ingredient window is always on the screen, so I don't have to scroll back every time I want to check the quantity of the ingredient

Things I would like to include:
- As a user, I want to be able to strike through an ingredient after I added it to the recipe, so that I won't be confused later, if I added the ingredient or not.
    - It will be a temporary state, it will reset after refreshing the site.
- As a user, I want to be able to set the portion of the recipe, so that I don't have to calculate the ingredients' quantity every time.
- As a user, I want to be able to change the ratios of the ingredients and add new ingredients to a recipe, so that I can alter the recipe to my taste, but I don't have to rewrite them from the beginning.
    - This feature will be user-bound.

Things I would like to exclude:
- The suggestions at the header
    - I find them very pushy