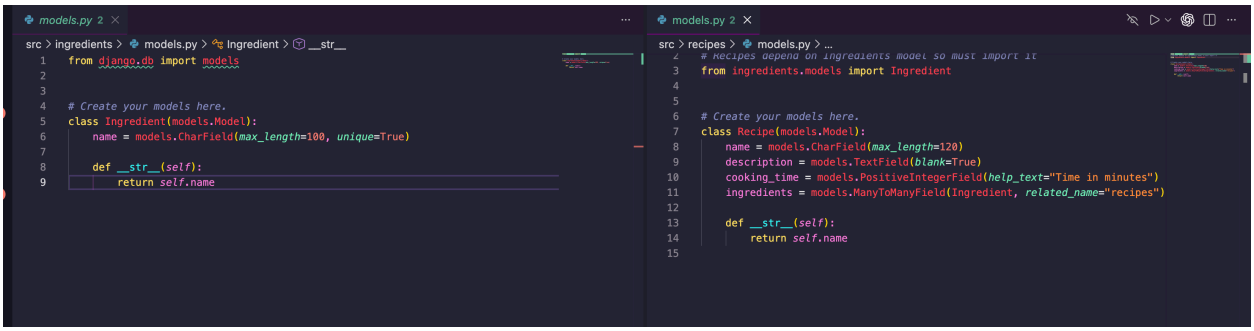
Task 2.5

My previous models were as follows:



Recipe Model – Changes & Reasoning

The Recipe model was expanded to better reflect how recipes work in real-world applications and to support upcoming frontend features.

- **instructions (TextField)**

  Added to store step-by-step cooking directions. Recipes without instructions feel incomplete and limit usability.

- **category (CharField with choices)**

  Added to group recipes (e.g., breakfast, dinner, dessert). Implemented using choices to ensure consistent, controlled values and to provide a dropdown in the admin interface.

- **prep_time (PositiveIntegerField)**

  Added to separate preparation time from cooking time, allowing more accurate time tracking.

- **servings (PositiveIntegerField)**

  Added to indicate how many people a recipe serves, which is a common and practical recipe attribute.

- **image (ImageField)**

Added to support optional visual representation of recipes. The field is nullable and optional to avoid blocking data entry and includes a default placeholder image.

- **created_at / updated_at (DateTimeFields)**

  Added for tracking when recipes are created and modified. These fields support future sorting, debugging, and potential “recently added” features.

- **total_time (@property)**

  Implemented as a calculated property (prep time + cooking time) instead of a stored field to avoid duplicated data and ensure accuracy.

- **difficulty (@property)**

  Implemented as a calculated property based on total time and ingredient count. This avoids storing derived data that could become inconsistent when other fields change.

Ingredient Model – Changes & Reasoning

- **created_at (DateTimeField)**

  Added to track when ingredients are created. This supports auditing and future sorting without adding complexity.

No attributes were removed or moved between models. All changes were additive and designed to keep migrations simple while improving realism and extensibility.

Frontend Inspirations

1. Half Baked Harvest

Website: https://www.halfbakedharvest.com

I like the strong visual focus and clean layout. The large hero sections and high-quality images make the recipes feel curated and engaging, which inspired the bold header and featured recipe section on my homepage.

2. Simply Recipes

Website: https://www.simplyrecipes.com/

I like how SimplyRecipes organizes a large number of recipes in a structured and familiar way. The homepage clearly highlights featured recipes and categories, making it easy for users to quickly find what they're looking for.

3. Pinch of Yum

Website: https://pinchofyum.com

I like the simple, friendly design and effective use of whitespace. The site feels approachable and easy to navigate, which influenced my use of clean recipe cards and readable typography.

My implementation of these:

- Used a **strong hero banner** → SimplyRecipes / Half Baked Harvest
- Kept cards **clean and image-forward** → Pinch of Yum
- Used category labels (Dinner, Entree, Lunch) → very realistic pattern
- No clutter/ frills → good restraint