

Project 2 - Meal Planner

Problem:

It's always hard to know what's the right food to eat and when. Planning and organizing them in advance sometimes becomes a **nightmare**.

Solution:

A Meal Planner Web application that can help with :

- organizing and choosing meals for a short period of time (a week frame for example).
- organizing the food shopping list for those meals.

Need to have:

- **User**
- **Admin**
- **Login System**
- **Recipes**
- **Meal Planner (CRUD)**
 - **User:**
 - Create, delete and update their own recipes.
 - The user can see other users' recipes too, but **not** delete or update them.
 - Choose/update the dates and time for their own meals.
 - **Admin:**
 - Perform the CRUD for all recipes.
 - Perform the CRUD for all users including **blocking them**.
 - **Login System**

There should be only one ADMIN created when the application is created. Every other user that registers should be an ordinary user.

- Recipes

Should have enough information to help the user to prepare their meals.

- Ingredients,
 - meal description
 - cooking preparation time
 - Calories.
 - or maybe a link to an online recipe or book
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- Vegan and vegetarian options should be easily selectable.

- MealPlanner

A CRUD where the user can

- choose between all available meals
- pick a date and time and add them to the planner.

The planner should be daily or weekly.

There should be a filter to help the user to find the recipes by type (vegetarian, vegan...), calories, etc...

Nice to have :

- Recipe rating
- Allergens
- Nutrients table
- Admin approval and notification: admin should approve the recipes before they are available to all users. When the admin accesses the control panel there should be a notification of a new recipe.

- Shopping list CRUD: the user could have the opportunity to make a list of the ingredients for the chosen recipes. Once it's done, the list is created and "closed". The list with their ingredients should be available for future access.