

Concept:

The “*What's for Dinner*” web application is targeting a wide range of users to get **meal ideas** and recipe **inspirations**. Users can browse the application **as guests**, but they are encouraged to **subscribe** to a weekly Newsletter.

Project Main elements:

Landing Page/Home Page Components:

- **Recipe Cards:** The Home Page: which will display a set of recipe cards (complex cards) from different cuisines. This component will be **reused** in every card display. Could keep the MUI complex component as a child component.
- **Search Bar:** A **functional search bar** that can be used to look up recipes by main ingredient/s (the API seems to be challenging and does not accept certain requests for free users)
- **Navigation Bar (or a Drawer):** This could hold a **link** to other pages and/or filtered recipes page.
- **A logo:** Could be placed in a parent component (App.js) a main logo **beneath** the **NavBar** or **MUI drawer** used for branding and wrapped inside a **Link tag** to take users back to **home page** from any other page.
- **Subscription Form:** A **form** that accepts a **valid email address** and a **subscribe button** that should return a “**Thank You**” message. (this could be placed in a parent component like App.js to be visible across all App pages)

Filtered Recipes Page Components:

- This page should **display** a set of **Mui buttons** to fetch filtered recipes by a certain area/cuisine. When a **button** is **clicked**, it should **fetch** all available recipes from this Area through a custom hook and returns a set of cards/complex cards.

Main Reusable components:

- **Recipe Card:** this component should be **reused** to display all fetched recipes (**default, Search results and Filter Results**) When a card is **clicked**, it should open the recipe of this card in a **new page** that **renders all** the fetched information (will typically be the title, cuisine, ingredients, measurements, instructions and a Youtube video or similar).
- **Complex Card:** Could be used as a **UI component** in a separate folder (with themes or similar styling components). This should give certain desired **styling** to the **Recipe Card**.
- **Recipe Filter Components:** linked to a **hook** to fetch the data from the API, this should be used to **filter** recipes and **returns a set of cards** for the chosen Area.
- **Recipe Search:** linked to a hook to fetch the data from the API, this should be used to **search** recipes and **returns a set of cards** of the chosen **search term**.
- **Theme Component:** Probably placed in a dedicated UI folder to provide a main theme.