



# Food Recipe Blog

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## Welcome to our food recipe blog!

Our goal is to provide our readers with a diverse collection of tasty and easy-to-follow recipes that cater to a variety of dietary preferences and needs. Whether you're a seasoned chef looking to try out new dishes or a beginner cook looking for simple meals to prepare, we've got something for everyone.

Our objectives for this blog are:

- To inspire home cooks to try out new recipes and techniques in the kitchen. To provide practical tips and tricks for making the cooking process easier and more enjoyable.
- To showcase the diversity of flavours and cuisines from around the world. To offer a range of options for different dietary needs, including vegetarian, vegan, gluten-free, and more.
- To create a community of home cooks who can share their own recipes and culinary experiences with each other.
- We hope you find our blog to be a helpful and enjoyable resource for all your cooking needs. Happy cooking!

## File Structure:

1. **public** directory: This directory contains the static assets of the web application, such as images, stylesheets, and JavaScript files.
2. **MongoDB Data** directory: This directory contains MongoDB data and images.
3. **Server** directory: This directory contains the server-side logic of the website, including the routes, controllers, and models for the recipe pages and user accounts.
4. **Views** directory: The views directory contains the templates and layout files for the user interface (UI) of the application. These files are responsible for defining the structure and appearance of the UI.
5. The **package.json** file contains metadata and configuration information for the project. It is used by the package manager to manage the project dependencies, scripts, and versioning.
6. The **app.js** file is a JavaScript file that serves as the entry point of a web application. It is used to configure and set up the application, and to define the routes and middleware that handle incoming requests and responses.



## Functional requirements:

1. Ability to browse and search for recipes by category, cuisine, ingredient.
2. Ability to view detailed recipe instructions, including ingredients, cooking time, and serving size.
3. Ability to save favourite recipes for easy access later.
4. Ability to print or email a recipe for offline use.
5. Ability to submit new recipes to the website for review and potential publication.
6. Ability to browse a random recipe.

## Non-functional requirements:

1. The website should be visually appealing and easy to navigate.
2. The website should be responsive and accessible on different devices and screen sizes.
3. The website should load quickly and have minimal downtime.
4. The website should have secure authentication and user data protection measures in place.
5. The website should have sufficient storage capacity to handle the volume of recipe submissions and user data.
6. The website should have a fast and efficient search function.
7. The website should have an easy-to-use recipe submission and review process.

## Sequence Diagrams:

Submit request:

