

Synopsis
on
Pantry 2 Plate

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ABSTRACT

Pantry2Plate is a recipe search engine with a goal of helping people who cook from home with an easy to use search tool by using ingredients they have at home and getting recipes that match. Users of My Pantry simply input the ingredients they have at home and then recipes are displayed broken down into categories.

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Introduction

The aim of Pantry2Plate is to provide Recipes based on ingredients we have at home, My Pantry gives you the best recipes as a result that match your ingredients and dietary preferences.

Select ingredients from a dynamic list, or enter it in your own and watch recipes update instantly.

The recipes are easy to follow as some have

- Detailed Explanation of it and some even have
- Step-by-step videos solution of it.

This website P2P is the complete solution for all cooking-related problems.

These all features will be provided in a single platform which will be very beneficial and time-saving for all.

Technologies

- Technologies:
 - HTML
 - CSS
 - JAVASCRIPT
- Framework
 - REACT
 - BOOTSTRAP

Software Requirement Specifications

Software Requirement for development -

- System Software -
 - Operating System (Windows XP or Above)
- Application Software -
 - Database (MySQL)
- Web Technologies -
 - HTML5 & CSS3
 - Bootstrap
 - JavaScript(jQuery)
- Frameworks -
 - React
 - Bootstrap

Software Requirement for User -

- OS : Windows XP or above
- Web Browser : Microsoft Edge or others

Hardware Requirement Specifications

Hardware Requirement for development -

- Input Devices - All basic input devices like keyboard, mouse, etc.
- Output Devices - All basic output devices like printer, monitor, etc.
- Secondary storage devices -
 - HDD - 60GB or above.
 - Back-up - Flash Drive, CD/DVD, cloud storage etc.
- Internal components -
 - RAM - 512 MB (Minimum)
 - Processor - Intel Pentium 4 Processor or above

Hardware requirements for User -

- Input Devices - All basic input devices like keyboard, mouse, etc.
- Output Devices - All basic output devices like printer, monitor, etc.
- Stable and secure Internet connection.
- Secondary storage devices -
 - HDD - 60GB or above.
- Internal components -
 - RAM - 256 MB (Minimum)
 - Processor - Intel Pentium dual core Processor or above

Modules

1. Admin Module

In an admin module, the owner(admin) will be able to access the following feature:

- Can Add/Edit/Read/Delete/Ban user's accounts.
- Can Add/Edit/Read/Delete/Hold Request.
- Have the union of all the authorities present in any other module.

2. User Module

- Customers can Add/Edit/Delete personal information about them.
- Can search for ingredients.
- Can search among categories.
- Can like, comments, share, and give ratings for the service available on the website.

3. Login and Registration Module

- Registration: Ask for various required fields depending upon who's registering (either Supervisor, user etc.) validates it from server-side script, and if successful registers the user and if not revert back to registration page for re-submission of the form.
- Login: Will match the credential and login.

Report Generation

The system will generate reports for following modules separately -

- Admin Module:
 - List of Registered Users.
 - List of categories online on website.
 - An intuitive daily report regarding traffic and wastage registered on the website.
 - Weekly report about coupons issued.
 - Feedback from users.
- User Module:
 - Request Tracking Reports.
 - Invoice reports (if donated).

Conclusion

The conclusion, of our project, is that, that our webpage is your culinary companion, designed to transform your everyday ingredients into delicious, satisfying recipes. Whenever you face a challenge or are confused about what to make, our platform has you covered.

We believe that great meals don't always require a trip to the grocery store; they can be created with the treasures hidden in your pantry. Our user-friendly interface and advanced recipe recommendation system ensure that you'll never be short of inspiration or ideas, no matter the contents of your pantry.

By promoting resourcefulness and reducing food waste, our pantry webpage not only helps you save time and money but also contributes to a more sustainable and eco-friendly approach to cooking. Thus it matches with the government Scheme under SDG-3

So, Together let's turn simple ingredients into extraordinary dishes, one recipe at a time. Happy cooking!

Gantt Chart (In terms of weeks)

