



# PinFood

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# Introduction

PinFood is a user-friendly platform designed for food lovers of all kinds. It provides a space where users can upload, share, and explore a wide variety of recipes, cooking tips, and food presentation ideas. Whether you're searching for delectable "Desserts," speedy "Quick Meals," wholesome "Vegetarian" dishes, or "World Cuisines".

With PinFood, users can effortlessly upload their own recipes, complete with detailed ingredients, step-by-step instructions, and enticing photos. Sharing these recipes with the community allows others to try them out and provide feedback. The platform's advanced search functionality makes it easy to find recipes based on cuisine types, or preferences.

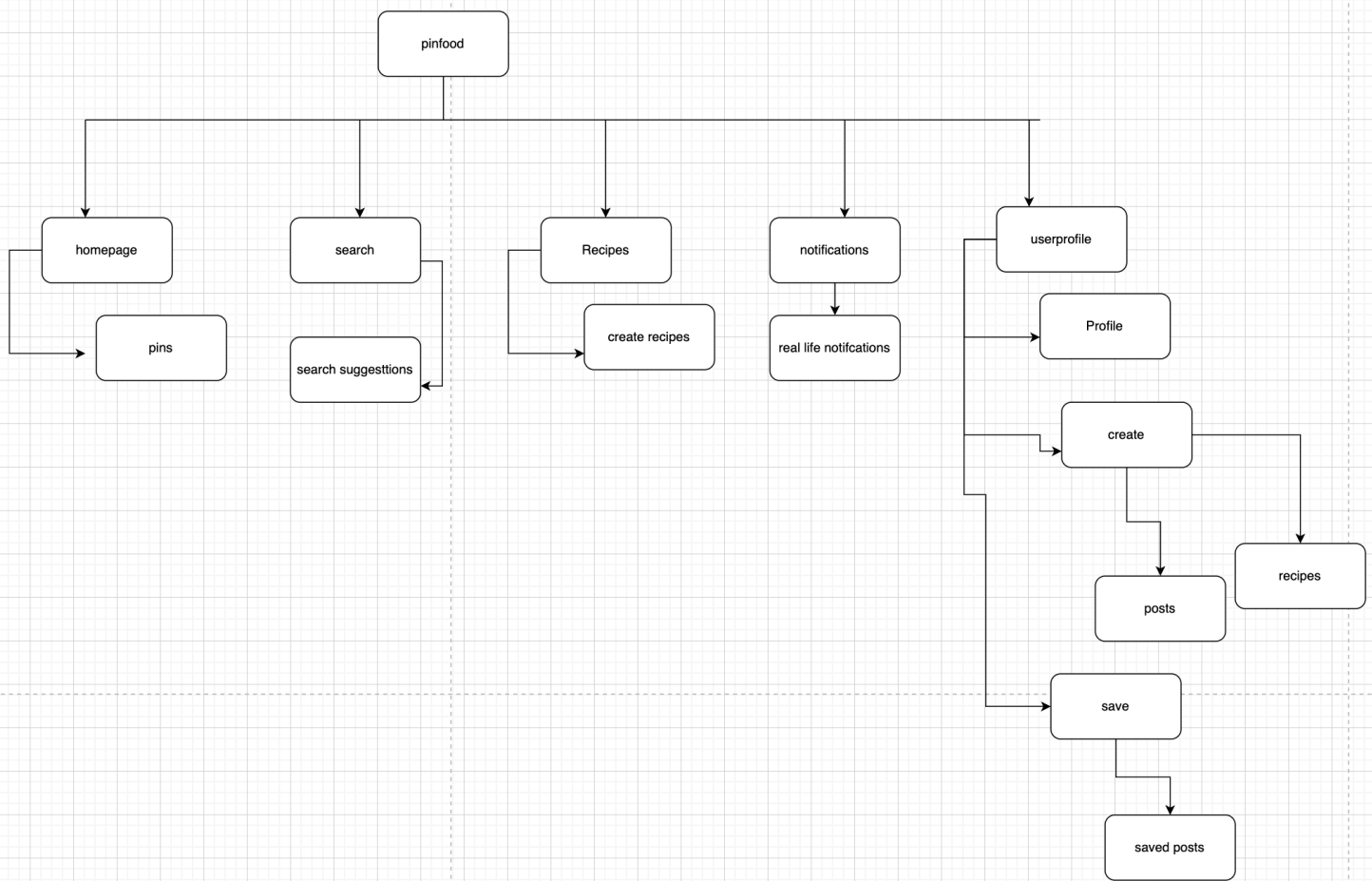
Users can save posts to organise their favourite posts into themed collections. This feature helps users plan their meals and save their culinary inspirations.

Interaction within the PinFood community is a key aspect of the platform. Users can ask questions or share their cooking experiences by leaving comments on posts. In addition, they can follow other users to see their most recent posts and like pins.

**Target Audience:** PinFood caters to a diverse audience, including:

- **Food lovers:** Individuals who love exploring and trying new recipes.
- **Home Cooks:** People who cook at home and are looking for meal ideas and practical cooking tips.
- **Professional Chefs:** Culinary professionals who want to share their recipes, showcase their skills, and discover new inspirations.
- **Food Bloggers:** Bloggers who focus on food and cooking, using PinFood to share their content with a broader audience and engage with followers.
- **Baking Aficionados:** Those who have a keen interest in baking and want to discover and share baking recipes and techniques.
- **Health-Conscious Individuals:** People looking for nutritious recipes and cooking tips that align with their dietary preferences and health goals.

# sitemap



## 1. Home Page:

- The homepage welcomes visitors and showcase posts.
- A prominent search bar allows users to search for items or title.

## 2. search:

- This section offers various of posts or recipes such as healthy, chicken and much more.
- Users can explore different categories or use the search functionality to find specific recipes.

## 3. My Recipes:

- Registered users can access their personal recipe collection here.
- They can view their uploaded recipes, saved recipes, and create new recipes to share with the community.

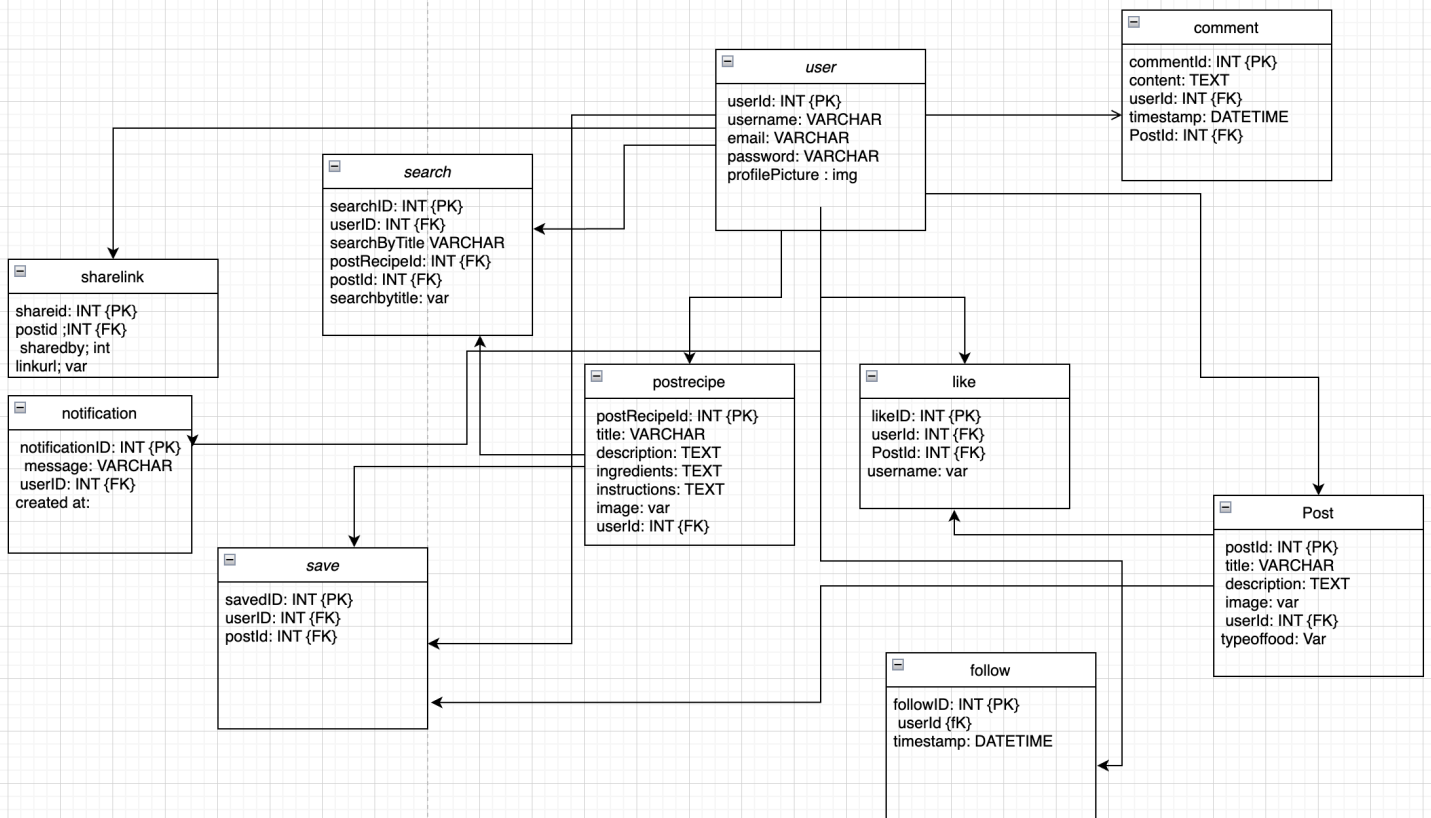
## 4. Profile:

- Users - Users can view their saved or pinned recipes here.

Users can view what post they created and as well recipes



# uml



This diagram shows how my database is set up. It tells you what kinds of things are in the database and how they're connected. It helps to understand the structure of the database.

# features

## **Search Bar:**

- The search bar is prominently displayed at the top of the PinFood interface, allowing users to quickly search for recipes, cooking tips, or specific ingredients. Users can type in keywords such as "chocolate cake," "vegetarian lasagna," or "Mexican cuisine" to find relevant content.

## **Create Post:**

- Users can easily create posts to share their culinary creations with the PinFood community. They can upload photos of their dishes, add a title, and include a description or any additional information they want to share, such as cooking tips or personal anecdotes.

## **Create Recipe:**

- The "Create Recipe" feature enables users to share their favorite recipes with detailed instructions, ingredients, and photos. Users can input each step of the recipe along with corresponding images to create a visually appealing and informative recipe post.

## **Save Post:**

- Users have the option to save posts to their personal collections for easy access later. By clicking the "Save" button on a post, users can organize their saved content into themed collections such as "Weeknight Dinners" or "Special Occasions."

## **Love and Comment on a Post:**

- Users can express appreciation for posts they enjoy by clicking the "Love" button, similar to a "like" feature. Additionally, users can leave comments on posts to share their thoughts, ask questions, or provide feedback to the creator.

## **Share Post:**

- Users can easily share posts with friends and followers outside of the PinFood platform using built-in sharing functionality. Whether through social media platforms, messaging apps, or email, users can spread the word about their favorite recipes and cooking inspirations with just a few clicks.

## **Notifications:**

- Receive notifications for various activities, keeping you updated on engagement and interactions within the platform.

# crud

## **Recipes:**

- Create: Users can share new recipes by providing details such as ingredients, instructions, and images.
- Read: Users can view recipes on the website.
- Update: Users can edit their existing recipes to modify title
- Delete: Users can delete their own recipes that they have shared.

## **Posts:**

- Create: Users can create new posts by sharing content such as photos, descriptions
- Read: Users can view posts on the website's feed.
- Update: Users can edit their existing posts to change title
- Delete: Users can delete their own posts.

## **Saved Posts:**

- Create: Users can save posts to their account for later viewing.
- Read: Users can view their saved posts in a dedicated section of their profile.
- Delete: Users can remove saved posts from their collection.

## **Comments and Likes:**

- Create: Users can leave comments on posts to share their thoughts or feedback.
- Read: Users can view comments and likes on posts to see engagement from other users.

•It's reasonable not to include update functionality for saving posts because saving a post is typically a one-time action and doesn't require modification. Similarly, not including delete functionality for comments could be justified because comments contribute to the engagement and discussion on posts, and allowing users to delete comments might disrupt the conversation flow or remove valuable feedback from other users.



# ipo

| Input  | process   | output   |
|--|---|--|
| User's Username or Email<br>User's Password                        | Check if provided credentials match records in the database<br>If credentials match, start a session for the user | User successfully logged in<br><br>Redirected to the login page due to incorrect credentials |
| User's Username or Email   | Fetch user profile data from the database   | User profile details shown and editable  |
| Search for food or posts   | Retrieve relevant information from the database   | Display search results to the user   |
| User interactions (LOVE, comments, saves)                          | Save user interactions to the database  | User interactions are updated and reflected  |
| User follows another user  | Record the new following relationship in the database   | Users is followed  |
| Post to save   | Save post interactions to the database  | Save interaction are now stored in the account page  |
| post details (image, description, type of food, username)          | Add post details to the database<br>Fetch post details from the database for display                              | put post details for users to view<br>.post details are stored in the database               |
| Recipe details (ingredients, instructions, image and description.) | Validate and save recipe details to the database  | Recipe is successfully posted  |
| Post to copy link from   | Generate a shareable link for the post  | Shareable link copied to clipboard   |