**ABSTRACT**

**Project Title:**

TASTE IT– A Recipe Sharing Web Application

**Problem Statement / Motivation:**

In today’s fast-growing digital world, many food lovers and home cooks look for reliable platforms to share and discover recipes. While numerous food blogs and social media platforms exist, they often lack structured, user generated, dietary needs etc.... There's a need for a simple yet interactive space where users can both contribute and explore recipes based on their interests, ingredients, and preferences.

**Project Goal / Purpose:**

The goal of this project is to create an easy-to-use website where people can find, share, and save different recipes. It will act like an online recipe book that helps users explore food ideas, share their own, and plan meals more easily. A section where users (especially health-conscious ones) can view or create balanced meal plans based on common health goals like:Weight loss,Weight gain.

**Functionalities:**

**1.Unregistered Users:**

These users can view recipes along with the ingredients, steps, and images. They can also search and filter recipes based on categories, ingredients, or cooking time. However, they cannot add, comment on, or save recipes without registering.

**2.Registered Users:**

Registered users have full access to interactive features. They can add their own recipes by uploading ingredients, preparation steps, and images. They are allowed to like and bookmark their favorite recipes for quick access later. Users can comment on recipes and provide ratings based on their experience. Additionally, they have the ability to edit or delete the recipes they have submitted. If they find inappropriate content, they can report it to the admin for review.

**3.Admin:**

The admin has full control over the platform and user activity. They can view, approve, edit, or delete any recipe submitted by users. They are responsible for managing all user accounts, including blocking or deleting users when necessary. Admin can view and take action on content reported by registered users. Additionally, the admin can access analytical data such as the most liked recipes, total user count, and user activity statistics.

**Target Users:**

* Home cooks and food enthusiasts looking to share or discover new recipes
* Health-conscious individuals seeking meal plans for weight management.
* Beginners looking for simple and structured cooking guidance.
* Content creators interested in building a recipe portfolio.
* Admin and moderators maintaining content quality and user engagement.

**Technology Used:**  
The web application will be developed using **PHP** for server-side scripting and **MySQL** as the database management system. **MySQL** will be used to store and manage user data, recipes, comments, ratings, and other dynamic content efficiently. Front-end development will involve **HTML**, **CSS**, and **JavaScript** to ensure a responsive and user-friendly interface. The system will be designed to support dynamic content handling and efficient data management.

**Expected Outcomes / Benefits:**

* A user-friendly platform for discovering, sharing, and organizing recipes in a structured format.
* Encourages community interaction through likes, comments, and user-submitted content.
* Helps users plan meals effectively, especially those with specific health goals like weight loss or weight gain.
* Reduces the confusion and inconsistency found on general social media platforms by offering focused recipe content.
* Enables health-conscious users to find or create balanced meal plans tailored to their needs.
* Provides admin with tools to monitor and manage content and user activity, ensuring quality and safety.
* Promotes digital engagement among food enthusiasts, supporting creativity and healthy eating habits.

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