

Project Scope Document

Project Title: CookMaster – Online Cooking Website

Version: 1.0

Date: [Insert Date]

Prepared by: [Team/Student Name]

1. Introduction

1.1 Purpose

The purpose of this project is to design and develop an interactive cooking website that provides users with access to a wide range of recipes, video guides for cooking skills, and a community platform where registered members can post new recipes and comment on existing ones.

1.2 Features

- Provide a centralized recipe library with search and filtering.
- Deliver step-by-step cooking skill video guides.
- Enable user-generated content through recipe submissions.
- Foster community interaction with commenting and feedback features.

2. Scope Definition

2.1 In-Scope (Must-have features)

- Recipe catalog with categories and search/filter functions.
- Cooking skill video tutorials (embedded and categorized).
- User registration and authentication (login/logout/profile).
- Recipe submission by registered members (with images and descriptions).
- Commenting and rating system for recipes.
- Admin panel to manage content and user activities.

2.2 Out-of-Scope (Not included in v1.0)

- Mobile app version (only web-based).
- Live streaming cooking classes.
- Payment integration or e-commerce for ingredients.
- Multilingual support (English only in v1.0).

3. Functional Requirements

- FR1: Users shall be able to search and filter recipes by category, ingredient, and difficulty.
- FR2: Users shall be able to view video tutorials for various cooking skills.
- FR3: Registered members shall be able to submit new recipes with title, ingredients, steps, and media.
- FR4: Registered members shall be able to comment and rate recipes.
- FR5: The system shall allow administrators to approve, edit, or remove recipes and comments.

4. Non-Functional Requirements (NFRs)

- Performance: Pages shall load within 3 seconds on standard broadband.
- Usability: Website shall follow accessibility guidelines (WCAG 2.1).
- Security: User passwords shall be encrypted; role-based access enforced.
- Scalability: System shall support 5,000 concurrent users without performance degradation.
- Reliability: Website uptime shall be $\geq 99\%$.

User Modules Summary Table

Module based on User Type	Feature	Description
Guest User	Recipe Browsing	Can view and search for recipes without registration.
	Video Viewing	Can watch video guides but cannot post comments.
Registered User	Post Recipes	Can upload, edit, and delete their own recipes.
	Commenting	Can post, edit, and delete their own comments.
	Profile Management	Manage personal profile, saved recipes, and settings.
Admin	User Management	Manage registered members (approve, suspend, or deactivate accounts).

Module based on User Type	Feature	Description
	Content Moderation	Approve or remove inappropriate recipes and comments.
	System Reports	Generate system usage statistics and monitor content activity.

5. System Boundary

- The system will only manage digital content (recipes, videos, and comments).
- It will not manage payment transactions, delivery services, or inventory management.
- User interactions are limited to online posting and commenting within the website.

5. Deliverables

- Wireframes and UI design mockups.
- Front-end web application (HTML, CSS, JS/React).
- Back-end services (e.g., ASP.Net(C#) with database).
- Recipe database with sample entries.
- Admin dashboard.
- User documentation (help guide).

6. Assumptions & Constraints

- Development will use open-source frameworks and a relational database.
- Project completion timeline: 12 weeks.
- Budget is limited to hosting, domain, and team resources.
- Users will have access to stable internet and modern browsers.

7. Risks & Mitigation

- Risk: Low engagement from users → Mitigation: Add gamification (badges for top contributors).
- Risk: Inappropriate content submissions → Mitigation: Admin approval workflow.
- Risk: Performance issues with video → Mitigation: Use CDN (Content Delivery Network-cached) or embed from reliable platforms (e.g., YouTube).

8. Milestones

- Week 2: Requirements & design approval.
- Week 4: Recipe catalog & search implementation.
- Week 6: User registration & authentication.
- Week 8: Recipe submission & comment system.
- Week 10: Video tutorial integration.
- Week 12: Testing, deployment, and documentation.

9. Success Criteria

- At least 100 recipes available in the catalog by launch.
- At least 70% of registered users actively engage (post or comment) within first month.
- System meets defined NFRs (performance, uptime, security).

10. Scope Statement & Approval

This project will deliver a cooking website with recipe browsing, video tutorials, and community participation features. Advanced features such as live streaming and multilingual support are excluded in version 1.0. The scope is considered approved once signed by the project sponsor.

Approved by: _____ (Project Sponsor)

Date: _____