# Custom Document

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# Business Requirements Document (BRD)

# Name: MyRegressionTest9099 | Program Name: Culinary Canvas | Application No: 14540198368 | Session: July 2024 - June 2025

**Session: July 2024 - June 2025 Details**

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|---|---|
| **Banking Details** | View |
| **Application Status** | Paid |
| **Transaction ID** | T26531012016462502469 |
| **Reference No.** | 101202502035871370 |
| **Amount** | 300 |
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# Core Business Objectives

1. **Enhance Content Discovery**:

   - Implement features like **Mood-based Recipe Suggestions** to provide personalized recipe recommendations based on user emotions or occasions (e.g., comfort food, festive dishes).
   - Leverage AI to analyze user preferences, past activity, and seasonal trends for relevant suggestions.

2. **Foster Collaboration and Engagement**:

   - Introduce **Real-time Collaboration on Recipe Editing** to allow multiple users to edit recipes simultaneously.
   - Enable tools for tracking edits, resolving conflicts, and in-editor communication to enhance teamwork.

3. **Streamline Cooking Experience**:

   - Develop **Interactive Cooking Timers with Step Notifications** to guide users through recipes with precise timing and real-time alerts.
   - Ensure accessibility features like voice alerts and offline functionality for saved recipes.

4. **Expand Community Interaction**:

   - Build **Community Forums for Peer Support and Best Practices** to encourage discussions, share tips, and troubleshoot challenges.
   - Provide tools for moderators to maintain a respectful and organized environment.

5. **Ensure Data Privacy and Security**:

   - Comply with global data protection standards like **GDPR** and **CCPA**.
   - Implement **Role-based Access Control** and **End-to-End Encryption for Private Messages** to safeguard user data.

# Functional Requirements

## Content Discovery

- **Mood-based Recipe Suggestions**:
  - AI-driven recommendations tailored to user moods (e.g., comfort food, festive).
  - Regular updates to reflect trending and seasonal recipes.

## Collaboration

- **Real-time Recipe Editing**:
  - Invite collaborators via secure links.
  - Track edits with color-coded highlights and version history.

## Cooking Assistance

- **Interactive Cooking Timers**:
  - Set timers for individual recipe steps.
  - Notifications with next-step guidance.

## Community Interaction

- **Forums**:
  - Create and reply to threads.
  - Upvote helpful responses and search discussions by tags.

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# Expected Outcomes

1. **Increased User Engagement**:

   - Personalized content and collaborative tools to retain users.
   - Enhanced community interaction through forums and discussions.

2. **Improved Cooking Experience**:

   - Step-by-step guidance and real-time notifications for seamless cooking.

3. **Data Security and Trust**:

   - Compliance with privacy regulations to build user confidence.

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# Key Performance Indicators (KPIs)

1. **User Engagement**:

   - 20% increase in active users within 6 months.
   - 15% growth in recipe uploads and collaborations.

2. **Content Discovery**:

   - 25% increase in recipe views through mood-based suggestions.

3. **Community Growth**:

   ◦ 30% rise in forum participation and discussions.

4. **Data Security**:

   ◦ Zero data breaches and 100% compliance with GDPR/CCPA.

# Dependencies and Constraints

1. **Dependencies**:

   ◦ Integration with AI algorithms for personalized suggestions.
   ◦ Reliable notification systems for timers and collaboration.

2. **Constraints**:

   ◦ Adherence to accessibility standards (WCAG).
   ◦ Scalability to handle increased user activity during peak times.

# Conclusion

This BRD outlines the core objectives, functional requirements, and expected outcomes for the Culinary Canvas platform. By focusing on personalized content, collaboration, and data security, the platform aims to enhance user engagement and foster a vibrant culinary community.