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# MY COOK BOOK REQUIREMENT ANALYSIS

**DEFINING WHAT IS NEEDED**

# INTRODUCTION

THE GOAL OF THE COOKBOOK WEBSITE IS TO PROVIDE USERS WITH A PLATFORM WHERE THEY CAN EXPLORE, LEARN, AND SHARE RECIPES FROM VARIOUS CUISINES. THE WEBSITE WILL OFFER EASY NAVIGATION, USER-FRIENDLY INTERACTION, AND A RICH CONTENT EXPERIENCE TO ATTRACT AND RETAIN USERS WHO ARE INTERESTED IN COOKING AND DISCOVERING NEW RECIPES. THE SUCCESS OF THIS PROJECT DEPENDS NOT ONLY ON THE VARIETY AND QUALITY OF CONTENT PROVIDED BUT ALSO ON THE FUNCTIONALITY AND USABILITY OF THE PLATFORM. THE WEBSITE SHOULD PROVIDE USERS WITH THE ABILITY TO EASILY NAVIGATE, SEARCH, AND FILTER RECIPES ACCORDING TO THEIR PREFERENCES. FEATURES SUCH AS RECIPE SUBMISSIONS, USER REVIEWS, MEAL PLANNING TOOLS, AND THE ABILITY TO SAVE FAVORITE RECIPES WILL ENHANCE THE OVERALL EXPERIENCE, FOSTERING USER LOYALTY AND SATISFACTION.

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|  | 1. GATHERING INFORMATION ON FEATURES: |  |
|  | RECIPE MANAGEMENT:   * USERS SHOULD BE ABLE TO ADD, EDIT, DELETE, AND CATEGORIZE RECIPES. * SUPPORT FOR INGREDIENTS, PREPARATION STEPS, AND COOKING TIMES. SEARCH & FILTER: * A POWERFUL SEARCH FUNCTION THAT ALLOWS USERS TO SEARCH RECIPES BY NAME, INGREDIENTS, OR CUISINE TYPE. * FILTERS FOR DIETARY PREFERENCES (E.G., VEGETARIAN, GLUTEN-FREE, KETO).   SOCIAL SHARING & COMMUNITY:   * USERS SHOULD BE ABLE TO SHARE THEIR RECIPES WITH FRIENDS OR THE PUBLIC. * ABILITY TO FOLLOW OTHER USERS, RATE, AND COMMENT ON RECIPES. * OPTION TO JOIN COOKING GROUPS OR FORUMS TO EXCHANGE TIPS AND IDEAS. |  |
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1. USER’S

EXPECTATION

EASE OF USE:

* + THE PLATFORM SHOULD HAVE A CLEAN, INTUITIVE, AND USER-FRIENDLY INTERFACE.
  + EASY NAVIGATION FOR ADDING AND FINDING RECIPES, AS WELL AS ACCESSING FEATURES LIKE MEAL PLANNING AND SHOPPING LISTS.

CUSTOMIZATION:

* + USERS WANT THE ABILITY TO PERSONALIZE THEIR COOKBOOK, FROM CREATING CATEGORIES TO ADJUSTING THE DISPLAY OR THEME.

ACCESS TO A VARIETY OF RECIPES:

* + USERS EXPECT A WIDE RANGE OF RECIPE TYPES, FROM BEGINNER-FRIENDLY TO MORE ADVANCED OPTIONS.
  + ABILITY TO FIND NEW RECIPES BASED ON PERSONAL TASTES AND DIETARY RESTRICTIONS.

RECIPE RECOMMENDATIONS & INSPIRATION:

* + THE PLATFORM SHOULD RECOMMEND RECIPES BASED ON USER PREFERENCES OR TRENDS, HELPING USERS FIND NEW MEAL IDEAS.

3.TECHNICAL LIMITATIONS

SCALABILTY:

-THPLATFORM MUST BE DESIGNED TO HANDLES A LARGE NUMBER OF USERS AND RECIPES AS THE USER BASE GROWS.

-DATABASE AND SERVER INFRASTRUCTURE SHOULD SUPPORT MILLIONS OF RECIPES AND USER GENERATED CONTENT WITHOUT PERFORMANCE

DEGRADATION.

USER PRIVACY & SECURITY:

* USERS' PERSONAL INFORMATION AND RECIPES SHOULD BE SECURELY STORED AND PROTECTED, COMPLYING WITH DATA PROTECTION

REGULATIONS (E. G., GDPR).

* OPTIONS FOR USERS TO CONTROL THE PRIVACY OF THEIR RECIPES, EITHER BY KEEPING THEM PRIVATE OR SHARING THEM PUBLICLY.

MOBILE APP DEVELOPMENT:

* DEVELOPING BOTH A WEBSITE AND A MOBILE APP CAN BE RESOURCE - INTENSIVE.
* THE APP SHOULD BE COMPATIBLE WITH BOTH ANDROID AND IOS, WHILE MAINTAINING THE SAME FEATURES AND USER EXPERIENCE.

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| CONCLUSION |
| BY ADDRESSING THESE REQUIREMENTS, "MY COOKBOOK" CAN PROVIDE A SEAMLESS, ENGAGING, AND FEATURE-RICH PLATFORM THAT MEETS THE NEEDS OF COOKING ENTHUSIASTS, WHILE KEEPING THE PROJECT TECHNICALLY FEASIBLE AND SCALABLE. |