**PROJECT NAME: Recipe Bank**

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| REQ. # | FUNCTIONAL REQUIREMENTS |
| HIGH | Users should be able to create profiles and edit their information. |
| HIGH | Users should be able to save kitchen preferences (diet, cuisine type, etc.), allergies, and dietary restrictions. |
| MODERATE | Users should be able to add and manage ingredients in their pantry, or automatically add ingredients through barcode scanning or image uploading. |
| LOW | User should be able to track expiration dates and quantities of ingredients. |
| LOW | Users can create weekly or monthly meal plans and prepare shopping lists accordingly. |
| MODERATE | The application should suggest recipes based on the ingredients in users' pantries, their kitchen preferences and dietary restrictions. |
| HIGH | Users can search for recipes using filters such as keywords, category, cooking time, difficulty level, etc. |
| MODERATE | There must be detailed information for each recipe, including images, user reviews, and nutritional information. |
| LOW | Users can save and manage their favorite recipes. |
| MODERATE | Users should be able to follow each other, create, share, rate and comment on their own recipes. |
| HIGH | The application should have an artificial intelligence system that guides users through cooking steps and provides feedback. |
| LOW | The application should provide videos, articles, and interactive content to help users improve their cooking skills. |
| REQ. # | **NON-FUNCTIONAL REQUIREMENTS** |
|  | Users should be able to access recipes quickly and see search results instantly. Response time should be less than 5 seconds. |
|  | Appropriate security measures should be taken, especially if users have personal and payment information. |
|  | The application should be user-friendly and easy to understand. Interface should be clear and accessible. |
|  | The application should work on different devices and operating systems like iOS and Android |
|  | A mechanism should be provided for users to backup and restore saved recipes and shopping lists when needed. |
|  | A scalable structure should be provided to maintain performance as the number of users and content increases. |
|  | A mechanism should be available to provide support to users and collect feedback. There should be a system in place to answer users' questions and resolve issues. |