Final Project - Proposal

Submission Date: 22/05/2024

Project Title: Recipe Lookup App with Ingredient-Based Search

Short Description: The Recipe Lookup App is designed to help users find recipes based on the ingredients they have at home. It offers a variety of features to enhance the cooking experience, including a shopping list generator, meal planning, user rating and division by categories: health index, vegetarian, vegan, kosher and more and user-generated content.

Executors:

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Execution Method: The project will follow an agile development methodology, with sprints focusing on specific features and milestones.                                                                                                                                                                                                          Main Steps:

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| Milestone | Date |
| Finalize project requirements and design With the help of surveys to be filled out by the users | 10/06/24 |
| Set up the development environment and begin frontend and backend development | 10/07/24 |
| Implement core features: recipe lookup, adding recipes, etc. | 10/08/24 |
| Develop advanced features: shopping list generator, meal planner, voice search | 10/10/24 |
| Data collection and integration | 01/11/24 |
| Optimize search functionality and conduct thorough testing | 01/12/24 |
| Deploy the application and perform final adjustments based on user feedback | 10/01/25 |
| Final review and presentation preparation and submit the project | 02/25 |

Key Knowledge/Skills Needed: Database Management(SQL, NoSQL), React, Figma, API, HTML, CSS, Text processing, Voice search, Interface with chatGPT.

Keywords:

•                  Goal:  Simplify the cooking experience by providing a user-friendly platform for recipe management based on available ingredients. The goal is to help people find recipes by the ingredients they have at home.

•                   Field:  Food related applications           

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Academic Project Supervisor: Prof. Mor Peleg

Industry Project Supervisor (including email and phone): Manager of a leading food community on Facebook.