

## 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:

Name: Lia Ilana Roiyhvarg	ID: 318250511	Email: lia270497@gmail.com
Name: Eden Sapir	ID: 319004016	Email: edensapir30@gmail.com

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

Main Steps:

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
- Industry: Technology, Food & Beverage, App Development

Academic Project Supervisor: Prof. Mor Peleg

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