Team Hades Project Proposal

Project Title: Meal Planner and Grocery List Generator

Programming Language: Python

Project Description:

The Meal Planner and Grocery List Generator is a desktop application designed to help users plan their meals for the week and generate a corresponding grocery list. The application would allow users to input dietary restrictions, preferred cuisines, and ingredient preferences. Using this information, the application would suggest a list of meals for the week, along with corresponding recipes and nutritional information. The user could then select which meals they would like to prepare, and the application would automatically generate a grocery list based on the selected meals. The grocery list would be sorted by food category and could be exported to a CSV file. While there are existing meal planning and grocery list generation applications, our proposed application aims to provide a more customizable experience for users by taking into account their dietary restrictions, preferred cuisines, and ingredient preferences. We also aim to include nutritional information and recipes for each suggested meal, which is not commonly found in existing meal planning applications. Additionally, our application would automatically generate a grocery list based on the selected meals, saving users time and effort.

Features:

* User-friendly interface for inputting dietary restrictions, preferred cuisines, and ingredient preferences.
* Suggestions for meals based on user preferences and dietary restrictions.
* Automatic generation of a grocery list based on the selected meals.
* Grocery list sorted by food category for ease of use.
* Option to export the grocery list to a PDF or CSV file.