Criterion E: Evaluation

This cookbook database had the following success criteria:

1. A list of recipes is retrieved when a single ingredient is input for search. These recipes should contain this ingredient as one of their main ingredients.

   Met – A query that prompts Dr. Mehnaz to input an ingredient for search has been developed. This query searches for and retrieves all recipes that use the ingredient. The names of these recipes are output in form of a report.

2. Five main ingredients are taken as input, and the program will output possible recipes that the user can make out of those ingredients.

   Met – A query has been developed that prompts Dr. Mehnaz to input five different ingredient names from the list of ingredients. The program then outputs the names of recipes that use all five ingredients that Dr. Mehnaz input.

3. The complete information about a recipe should be retrieved when the recipe name is input into the database.

   Met – A query has been developed linking two tables, one that contains the list of ingredients a recipe uses and the other that contains information about the recipe cooking methodology, which prompts Dr. Mehnaz to input the complete name of the recipe she wishes to view information of. The database then retrieves the information from both the tables and outputs in a single report, by using the 'Recipe Name' field (in both tables) to identify and retrieve the record.

4. Dr. Mehnaz should be able to search for recipe information by searching through category or searching through cuisine. Both these searching methods should display names of recipes.

   Met – Two tables have been created, one in which classification is done through categories and the other in which the recipes are sorted in terms of type of cuisine. For Dr. Mehnaz to view these tables and choose which recipe to search information for further, reports have been generated which contain all the fields and their records from these tables for her to view. On the Home Screen, she can access these reports by clicking the 'Search Through Category' or 'Search via Cuisine' button and then be navigated to either one of the reports.

5. The database should have a user-friendly interface, with buttons and functions that are simple to use.

   Met – The database design is simple and straightforward, with navigation macros and other functions accessible through simple buttons with clear and concise description.

Word Count: 399 Words

Recommendations for Further Development

User Guide

A user guide is a physical documentation of the how the constructed system works. This needs to be developed so that in future if Dr. Mehnaz may find it easy to add any changes she needs in future.

Addition of A Suggestion Box if Query Search Has No Result

An additional function should be added that would ask the Dr. Mehnaz about recipe suggestion if her search for recipe information is outputs no result. This information will be collected and stored for further use.

Adding More Recipes Function

There would come a time when Dr. Mehnaz would want to add more recipes in her database. For that a function alongside a form needs to be added which would allow her to add and edit recipe information in the database.

Word Count: 114 Words