Evaluation of Product

Feature Number	Features	Comments and feedback on Client
1	A main or welcome window that has buttons for the user to maneuver or switch to different windows.	The buttons and maneuver system are easy to comprehend
2	Help window is provided to display a basic tutorial and procedure of the program for the user.	Help windows and instructions are clear and comprehensive
3	Data entry that allows the user to input the type of dish they are serving and the type of ingredients as well as sauces or spices in the dish.	The inputting dish system and the display as well as GUI are comprehensive and easy to work with
4	Window for daily input by the user in which the user can select the name of the dish they have input and the user input how many were made as well as left over there are for that type of dish.	Daily input is easy and the data view also very well displayed as well as viewing selection.
5	Users can see what type of dish there is and what is the ingredient in it.	Data view from dishes and ingredients are good. However, the ingredients are very hard to view since everything is cram together when there are more than 2 ingredients.
6	Feature to change the ingredients in a dish that has been inputted.	Changes in ingredients can be made but cannot change one ingredient only but rather have to change the whole ingredients of the dish.
7	Feature option to fix the amount of food made or left over for the type of dish the user has entered on a specific date.	The program functionality, inputting new numbers automatically will change the old value.
8	Feature to store all data in the database and accessible by the user	Data stored are accurate
9	Calculates the ratio of the amount of food made and the amount of food left over and stores it in the database.	The feature is met
10	Determine if the food is preferable or not by inputting the user's desirable ratio of the amount of food made and the amount of food left over.	This feature is not met. ☹
11	Displays preferable food when the user presses a button asking for favorite food.	It needs more clarification upon new users because this feature is never classified.
12	Provides the user with what ingredients that have been preferred by scanning each	It needs more clarification upon new users because this feature is never classified.

	dish with the ingredients and their ratio outcome.	
13	Feature an error window if the user entered illogical data	This feature is met.

Future development of the product

       As more users will be using the program. There will be more feedback as well as comments and satisfaction level. The first I can utilize this feedback is update the Q&A section in the help feature of the program since more questions will be available from different users.

       The most important development is switching to different methods of machine learning in order to suit the purpose of the program. Data Clustering is the most promising method to go with this solution so far. I am required to have more knowledge on machine learning in order to successfully implement this feature. One way is to add taste to each ingredients, some way to make it more robust.

       Adding more security such as accounts and passwords would help protect the data and the program from unintentional users. This can also be extended to different features exclusive for some users such as only the manager can change the feature of the menu.

       Search engines can also be added to the viewing table. This can help the users to identify and find specific dishes or data they are looking for.

       One of the key features that I can be adding is line breaks between ingredients. It is very hard to see all ingredients under one cell in JTable. Therefore, adding lines break or using cell manipulation in JTable for easier viewing would be a necessary improvement and development of the products.