

AI-based CHATBOT in Nutrition and Dietetics

Assignment 2

Problem statement:

Most of the articles that were involved in this research have the following in common:

- The accuracy of the chatbot is not at its best, the response in the user related to calories and exercises needs an improvement. [1]
- lack of concise information about healthy diets.
- The restriction to English language papers leads to exclusion of relevant non-English papers.[2]

Objectives:

In this paper our aim is to design solution to increase the accuracy and reliability of the Chatbot in providing health dietary plan by

- Include All related papers regardless of their language (Translate the non-English articles)
- Enrich the diet plan with ingredients and nutritional information to improve the quality of food recommendation and expand the scope of goal-setting.

REFERENCES

[1] As Annisa Ristya, Hsuan, Bagas, Aldilas, Muhammad, Shabbir and Yu-Chuan (2022) explained their “SlimMe...Finding” (p.10)

[2] As Yoo Jung, Jingwen, Yoshimi and Min-Lin (2020) explained their “The Artificial ...Review” (P.4)