Literature Survey

Team No   : 4

Team ID   : PNT2022TMID44777

College Name   **:Sri Shanmugha college of engineering and technology**

Department   :Electronics and Communication Engineering

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Team Member   :Jamuna R

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S.NO	TITLE	PROPOSED WORK	SOFTWARE USED	TECHNOLOGY	ADVANTAGES/ DISADVANTAGES
1	Personalized Dietary Assistant-an intelliegent space application	Observes the daily consumption habits of users & applies data mining to learn the personal taste.	Distributed intelligent networked nevices(DINDS)	Data mining Artificial intelligence	Complex to calculate the entire nutritional value.
2	Plan-Cook-Eat:A Meal planner app with optimal macronutrian distribution of calories based on total daily energy expenditure.	"Plane-cook -eat" Aprogressive web application that generates meal plan complaint to the necessary macronutrient distribution ofdaily calories based on individuals total daily energy expenditure (TDEE).	• AQEL- A nutition app quality evalution tool. • DataSources:FoodDb,Philippine FoodComposition Table,MyFoodData,USDA food composition data	• Artificial Intelliegence. • Data analysis.	Generation of meal plan with optimal macronutrient distribution of daily calori.

S.NO	TITTLE	PROPOSED WORK	SOFTWARE USED	TECHNOLOGY	ADVANTAGES/ DISADVANTAGES
3	Profile Based System for Nutritional Information Management	Nutritional control by identifying the person's Shopping profile & uses the information to suggest the recommended food.	• Mobile Application • server	Information technology	Automated way to assist users to control food-intake.
4	Alexa,What should I Eat? A personalized Virtual nutrition coach for Native American Diabeties Patient	to design an Amazon skill to extend the capability of Amazon alexa to support diabeties for NA users.	• Amazon Alexa software Development kit • ASR • NLU	Artificial Intelliegence.	Easy to accepted by the target audience with the help of speech-recognition

S.NO	TITTLE	PROPOSED WORK	SOFTWARE USED	TECHNOLOGY	ADVANTAGES/ DISADVANTAGES
5	Intelligent diabetes Assistant	The system collects & process the data more efficient for care team.	Intelligent Diabetes Assistant(IDA)	Machine Learning	Quick-evaluation of patient health.
6	Computers & E-health:Roles and new applications	Promoting the current & future roles of computers in supporting e-health.	Personal Health Assistant(PHA)	Data computing	Allow busy People to get Fast & Trusted healthcare at any time,anywhere