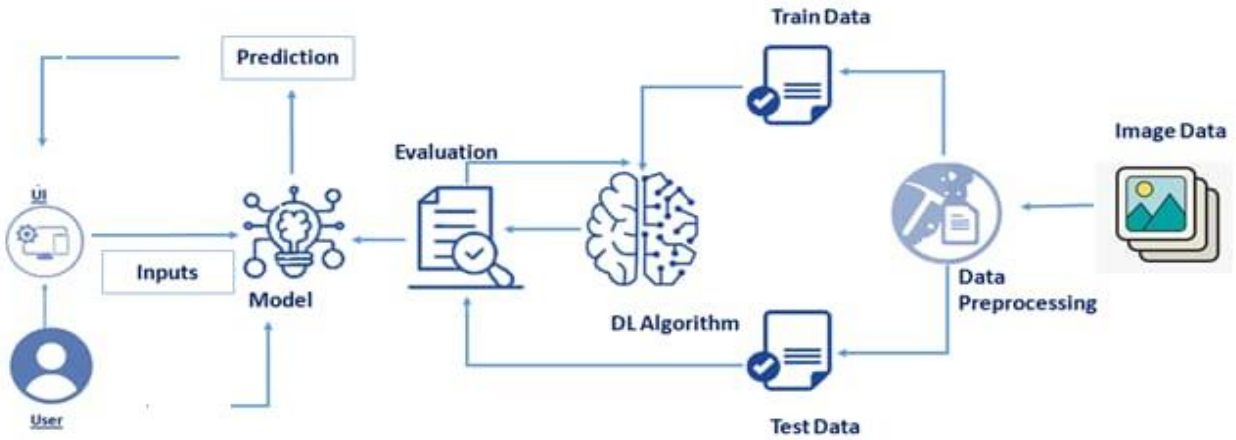
LITERATURE SURVEY

date	19 september 2022
Team ID	PNT2022TMID28541
Project Name	Project - Al-Powered Nutrition Analyzer for Fitness Enthusiasts
Maximum Marks	4 Marks

Technical Architecture



S. No	title	author	advantage	disadvantage
1	Assessing Hydration Status: The Elusive Gold Standard	Armstrong, Lawrence E	measurement resolution and accuracy are essential.	not possible for all hydration assessment requirements
2	Fecal near infrared reflectance spectroscopy (NIRS) and the nutrition balance analyzer (NUTBAL) case study in South Dakota	A.A. Harty and K.C. Olson	water transparent in the NIR band	Hetrogeneous distribution of glucouse can give false reading
3	The Phase Angle and Mass Body Cell as Markers of Nutritional Status in Hemodialysis Patients	Claudia M.C. Oliveira Ms	associated with median value of hemoglobin	Low phase angle suggests cell death or decreased cell integrity
4	The Stayhealthy David N. Erceg bioelectrical impedance analyzer predicts body fat in children and adults	David N. Erceg	Bioelectrical imped ance analysis is using the device for estimating body fat	body fat generally will be underestimated with use of prediction formulas developed in normal-weight subject

S. no	title	author	advantage	disadvantage
5	A survey on AI nutrition recommender systems	Thomas Theodoridis	Faster detect to possible firesThe (Nutrition aware Food Recommender Syste m) nutri-FRS possess the potential for becoming the ultimate personal health guide application that can assist people in defining their health goals and guide them plan diet, menu, grocery, and physical activity to achieve those goals	Lack of Data. Perhaps the biggest issue facing recommender systems is that they need a lot of data to effectively make recommendations