

<u>Team Id</u>	PNT2022TMID48637
<u>Title</u>	Nutrition Assistant Application

PROPOSED SCHEME

The New user for nutrition assistant application is first login with their respective details. The registered user login with their unique id and password. After the user login they are able to see the different tabs(or)buttons like Fruits, vegetables, nuts and so on. If the user click or select the particular button it will display the items names belong to the selected category. Further the user choose particular name the nutrients details such as Vitamins , cholesterol , Proteins , fats , carbohydrates , fatty acids in that particular image is displayed. Through this the user can see all the nutrients details among the particular fruit or vegetable. The diet patients are able to track their nutritional intakes and managing diets for healthy eating , weight gains and fitness. These apps are also used to track food sensitivities , allergies and medical conditions .

And the user can also able to upload their own food image to check the nutrients in it . This can be achieved by with the help of OpenCV to detect the images . Through deep learning algorithm we can predict the nutrients . A set of simple data analysis methods is performed on the collected data in order to provide a personal health advice .