

BIG DATA ANALYTICS AND APPLICATIONS

PROJECT PROPOSAL

TEAM MEMBERS

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PROJECT TITLE: Live Up !

MOTIVATION

Food choices that we make each day affect your health — how you feel today, tomorrow, and in the future. Good nutrition is an important part of leading a healthy lifestyle. Combined with physical activity, your diet can help you to reach and maintain a healthy weight and promote your overall health.

OBJECTIVE

The key idea is to help people to stay fit and healthy.

FEATURES

Diet :

- Calendar to take daily food inputs.
- Suggest diet plans based on your BMI and weight goal.

Health :

- Suggest healthy food plans.
- Chatbot for health.

Fitness :

- Suggest fitness videos and nearby gym or fitness locations.
- Suggest nearby trials.

Performance :

- Health score
- Users performance graph.

DESCRIPTION

We are developing a mobile application, which after user successfully logs in he/she would be directed to a page which has four tabs - Diet , Health , Fitness and Performance.

Diet :

As the user clicks on the Diet Tab, it displays the calendar through which user can input their daily intake (breakfast, lunch, dinner and snacks). Calories are counted based on their intake and also the user inputs their water intake. Here the user is provided with suggestions of a few diet plans. If the user doesn't like any type of food in the plan, we will be having a suggestion/chatbot where it suggests a replacement for that food type.

Health :

As the user clicks on the Health tab, the user's latest health info such as heart rate, weight, blood pressure etc will be displayed. There will be an option to chat. User can open a chat and ask about any difficulty or any information. For eg: Symptoms of how he is feeling today.

Based on this he will come to know the symptoms and remedies.

Fitness :

As the user clicks on the Fitness tab, the user can select the type of exercise video he/she would like to watch and the time he/she would like to spend. Also provides suggestions of nearby fitness or gym locations.

Performance :

Taking in all the gathered information over a long enough time period and storing it safely, apply some algorithm that grades the user activity using weights to possibly give a score that displays a rating of how good or bad the user's actions affect his/her mental or physical health.

CONTRIBUTION

We contributed equally for this proposal.

Shreyaa Sridhar (21) - 25%

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