**Group ID 9**

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Group Members:

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**Functional Requirements:**

The requirements/features that end-users shall expect and will be incorporated in the system are:

1. **Registration/Sign Up**

New users will be able to access the system by registering or creating an account with “FitNoQuit”.

1. **Login/Sign In**

Existing users should be able to access the system using their username and password. Premium features will be available to premium registered users.

1. **User Profile**

Users will be able to edit and view their personal information from the User Profile section.

1. **Workout Recommendation**

The user will be recommended with appropriate workout and exercise based on their end goal (weight gain, weight loss maintain weight or manage a health condition)

1. **Diet Recommendation**

Suggest Diet Meals to the users in categories of Breakfast, Lunch and Dinner based on user’s food preferences like Veg/Non Veg/Jain/Vegan, health condition like Thyroid, PCOS, Heart Conditions, etc

1. **Blog Suggestions**

The users will be suggested with relevant blogs in the Community Blog section using Content-Based filtering based on the previously liked blogs.

1. **Logout**

The user should be able to safely log out of the system without any loss of information.

**Non-Functional Requirements:**

The basic quality constraints that will be satisfied by the system is as follows:

1. **Authorization:**

The user data will be confidential and only authorized nutritionists will be made available with the data.

1. **Speed:**

The application will respond to user’s queries as soon as possible with a minimum waiting time.

1. **Portability:**

The system will be highly portable as it is a web-app and will work efficiently even if the user changes the device.

1. **Compatibility:**

Since the system is a web-app it can be accessed on any devices like laptop, tablet or mobile phones, irrespective of its Operating System.

1. **Security:**

Sensitive information like user passwords will be encrypted by using algorithms like SHA and then stored on the database for verification.

1. **Availability:**

The web-app will be available to all users with an internet-connectivity as we plan to host the website.

1. **Reliability:**

The recommendation system would be reliable as we would try to achieve maximum accuracy and get the recommendation model verified by a certified nutritionist.