

Requirements Elicitation and Analysis

Topic: Fitness - Gym and Nutrition

Website: <http://gymandnutrition.com>

CA 2: Usability Design Project Deliverable 1

Team Project:

Navjot Singh (x13112406)

Soffyan Ali (x13114503)

Submitted to:

Leone Deasy

Table of Contents

1	EXECUTIVE SUMMARY	2
2	IDENTIFICATION OF STAKEHOLDERS	2
	USERS/CLIENTS/FITNESS ENTHUSIASTS	2
	ADMIN/OWNER/ SPONSORS	3
	DEVELOPERS/SUPPORT TEAM	3
	FITNESS ATHLETES/MODELS	3
	ADVERTISERS AND AFFILIATES	3
	SPORTS COMPLEX/GYM OWNERS/MANAGERS	3
	NUTRITIONISTS	3
	BODY BUILDERS	3
	DOCTORS	3
	MARKETING TEAM	4
	PRODUCT RESELLERS/RETAILERS	4
	CONTENT WRITERS AND MODERATORS	4
3	REQUIREMENTS	4
	FUNCTIONAL REQUIREMENTS	4
	REQUIREMENT 1: EASY TO USE GUI/INTERFACE	4
	REQUIREMENT 2: SEARCH	4
	REQUIREMENT 3: USER REGISTRATION AND LOGIN	5
	REQUIREMENT 4: SUPPORT FORUM	5
	REQUIREMENT 5: USER PROFILES	5

REQUIREMENT 6: ECOMMERCE SUPPORT	6
REQUIREMENT 7: REVIEW SYSTEM	6
REQUIREMENT 8: CONTACT FORM	6
REQUIREMENT 9: SUBSCRIBE	6
REQUIREMENT 10: EASY NAVIGATIONAL STRUCTURE (MENUS AND SIDEBARS)	7
NON-FUNCTIONAL REQUIREMENTS	7
SCALABILITY REQUIREMENTS	7
SECURITY AND PRIVACY REQUIREMENTS	7
AVAILABILITY REQUIREMENTS	7
RELIABILITY REQUIREMENTS	8
PHYSICAL REQUIREMENTS	8
MAINTAINABILITY REQUIREMENTS	8
REQUIREMENTS	8

1 Executive Summary

We all know the importance of being physically fit. A fit person is capable of living life to its fullest extent and enjoy the internal happiness. Eating a balanced diet full of nutrients and including physical activity like sports or gym or both helps us release stress, anxiety and sweat out the harmful substances out of our bodies, which helps us prevent diseases, improves mood and helps sleep better. Physical fitness is directly linked to our mental, cardiovascular health etc.

But the sad thing these days is most of the human population (mainly in cities) is consuming processed and fast foods which leads to excessive weight gain and various health problems.

So, we have decided to re-develop an existing website based platform which one of us (Navjot Singh) owns and to make it better, where people will be able to read information on nutrition, gym workouts, meal plans etc. Which will help millions of people around the world to accomplish their fitness goals and live more fulfilling life.

The aim of this report is to gather requirements of this system from the users and other stakeholders like owner, fitness athletes etc. and perform data analysis.

Lets, start with identifying stakeholders –

2 Identification of Stakeholders

Users/Clients/Fitness Enthusiasts

Users will use our website to see the nutritional information of foods, gym workouts, meal plans, How to? Videos and content and ask their questions on the website forum and also contribute/help other member of the site by answering their questions.

Admin/Owner/ Sponsors

Admin or owner would use the website to add new content, moderate content and add new accounts and do other administrative tasks like approving and rating the articles posted by users and content writers.

Developers/Support Team

The website will be developed by Navjot Singh. Any problems with the site will be seen by him and support team will use the website to provide useful articles/tips on site, on How to use the site and its different components and help customers facing trouble with the ecommerce section of the site.

Fitness Athletes/Models

Fitness Athletes and Models will use the site to build their portfolio page with an profile image, about me description and their photos and videos and participate in the forum and create a social following.

Advertisers and Affiliates

Advertisers and Affiliates will use the website to view which pages (articles and products) are doing well on the site and contact the support team in order to advertise their products and services on that section/pages of the site.

Sports Complex/Gym Owners/Managers

Gym Owners and Managers will use the site to create a profile for their gym on the site and build social following and attract new clients in their areas, and they can access and allow people to rate and comment about their gym and improve/make changes based on the feedback.

Nutritionists

Nutritionists will use the website to build their profile and offer service and also provide information on foods and healthy eating and provide meal plans and different recipes on the website.

Body Builders

Body Builders will use the website to access workout information and the meal plans and recipes provided by nutritionist on the website and also ask their question and seek support to their problems in the forum.

Doctors

Doctors can use the website to provide useful health related information on the website in order to contribute towards the community as many doctors in this are very generous and kind and this way a lot many people will benefit from the experience and knowledge doctors will bring to the site.

Marketing Team

The marketing team will use the site to run different marketing campaigns, share articles and try different SEO and marketing techniques to achieve the goals.

Product Resellers/Retailers

Since, the fitness industry is huge our website will be selling self branded products and our product resellers will use a section on the site where they can buy products in bulk at reseller prices and also to see trends and which products/supplements are doing well in the market.

Content Writers and Moderators

The content writers will use the website from backend in like an admin but with limited administrative options like they will use the site to login with their account, write content, upload HD images and videos and be able moderate content on the site as well necessary, whereas the moderators will use the site to take out the unnecessary and bad quality materials from the site.

3 Requirements

Functional Requirements

Requirement 1: Easy to Use GUI/Interface

User Story

Description and Priority

Requirement Activation

Technical Issues

Risks

Dependencies on other requirements

Requirement 2: Search

User Story

Description and Priority

Requirement Activation

Technical Issues

Risks

Dependencies on other requirements

Requirement 3: User Registration and Login

User Story

Description and Priority

Requirement Activation

Technical Issues

Risks

Dependencies on other requirements

Requirement 4: Support Forum

User Story

Description and Priority

Requirement Activation

Technical Issues

Risks

Dependencies on other requirements

Requirement 5: User Profiles

User Story

Description and Priority

Requirement Activation

Technical Issues

Risks

Dependencies on other requirements

Requirement 6: Ecommerce Support

User Story

Description and Priority

Requirement Activation

Technical Issues

Risks

Dependencies on other requirements

Requirement 7: Review System

User Story

Description and Priority

Requirement Activation

Technical Issues

Risks

Dependencies on other requirements

Requirement 8: Contact Form

User Story

Description and Priority

Requirement Activation

Technical Issues

Risks

Dependencies on other requirements

Requirement 9: Subscribe

User Story

Description and Priority

Requirement Activation

Technical Issues

Risks

Dependencies on other requirements

Requirement 10: Easy Navigational Structure (Menus and Sidebars)

User Story

Description and Priority

Requirement Activation

Technical Issues

Risks

Dependencies on other requirements

Non-Functional Requirements

Scalability Requirements

User Story

Description and Priority

Security and Privacy Requirements

User Story

Description and Priority

Availability Requirements

User Story

Description and Priority

Reliability Requirements

User Story

Description and Priority

Physical Requirements

User Story

Description and Priority

Maintainability Requirements

User Story

Description and Priority

Requirements

User Story

Description and Priority