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ANALYSIS PHASE

CREATIVE DATA SOLUTION

FOOD JUNKY

Table of Contents

INTRODUCTION………………………………………………………..PG2

INFORMATION GATHERING METHODOLOGY…….PG3

ANALYSIS OF EXISTING SYSTEM…………………………………PG4

DATA ANALYSIS………………………………………………………...PG5

WEAKNESS OF CURRENT SYSTEM……………………………..PG6

ANALYSIS OF THE PROPOSED SYSTEM……………………..PG7

NON FUNCTIONAL REQUIREMENT…………………………..PG8

DATA MODELING FOR PROPOSED SYSTEM……………..PG9

INTRODUCTION

Our analysis phase provides information about our app which will include: gathering information about the app, what are the current apps restrictions, how we will improve the app. What are the things that the clients will like for us as the developers to add on the app?

It will also include the interviews that we conducted with the clients and the people that are current users of a similar app. We will also be looking at the functional and un-functional requirements, and the data modelling for our proposed system.

INFORMATION GATHERING METHODOLOGY

OBSERVATIONS

We went a gym company, and we realised that gyms don’t have the necessary equipment’s that will help their clients with their diet. We also realised that they only have muscle gain diet plans which does not cater to everybody that goes to the gym. People don’t have a place where they can go to find information about their blood types and the kinds of foods they ought to eat to keep tier bodies healthy and strong. Remember 90% of weight loss comes through the kinds of food you eat.

We also realised that the gym sells thing that contains, sugar and caffeine and also sells product for protein shakes, and we know that some people have blood types that does not allow them to eat protein.

INTERVIEWS

How do you think the gym should improve their food facilities?

Person 1: an app that allows us to learn more about the types of food we should consume to keep our bodies healthy.

Person 2: they should also add a breakfast cafeteria for those who come to the gym without having breakfast

Person3: an app that allows me to monitor the things that I eat especially with regards to the types of blood types.

How can private hospitals improve their menu?

Person 1: the hospitals should make an effort for the people’s blood types to be included on their fills so that the hospital cafeteria can start proving the patients with the right type of food.

PARTICIPATORY

We asked a few people to check out our sample and most of the people loved it. Mainly because they can find their information at the convince of their own home and time. It also allows them to practice and cook some of the ingredience that we supply them with.

ANALYSIS OF EXISTING SYSTEM

• The existing system offers meals that are: glutton free, sugar free, mostly high protein with lots of vegetarian options they are low carb and high card meals and a few vegan fresh meals.

Our system will enhance the types of food that will be served, which will also cater for those who want to eat according to their blood types.

• They offer expensive food.

We give them ingredients that will help them make these healthy food for themselves, which allows them to save money

•

3.4 DATA ANALYSIS

Data constraints

Our constraints are not much because we don’t require people to log in or give us much of their details. We did not create any rules on our apps because people will use it out of their own will and it does not require anything, because we are the ones that are providing them with the information.

Integrity

It is a personal app you can use it for your own good. It is also good for those who are willing to prepare their own food because we provide them with ingredience and ways to prepare their food.

3.5WEAKNESS OF THE CURRENT SYSTEM

• The other apps don’t consider peoples blood types when making their food menus.

• The gym app does not provide the types of food that is good for peoples blood type

• The so called healthy food apps and provides just the of food that you can eat not considering that it might not be good for others

• The food they put on their app does not cater to those who are diagnosed with sickness

• They apps require you to login and also put in your personal details which do not have a guarantee of safety.

• The other apps also require a lot of data usage.

•

3.6 ANALYSIS OF THE PROPOSED SYSTEM

Functional requirements.

Our functional requirements include:

Interface requirement.

Field 1: accept character entry.

Field 2: choose your blood type

Navigate the apps food options and information.

As the goal of the system is to help our clients learn more about the types of food that is good for their blood types and how to construct their food while preparing it. All of the functions outlined above, with the exception of account creation and management, will be used every time a client needs information. By not including extraneous functions our goal is to simplify the app.

Business - requirement.

Data must be entered before a request can be approved.

Clicking the approve button moves the request to the approval workflow.

All personnel’s using the app don’t have to login.

3.7 Non FUNCTIONAL REQUIREMENT.

Because of the design pattern of our system is pretty much standard for a web application, the non-functional requirements of the system are every straightforward. Although written using Google web toolkit, the application is cross-compiled to HTML and JavaScript, along with a PHP backend, all of which are supported by any reasonably well maintained web server.

3.8 DATA MODELLING FOR PROPOSED SYSTEM

**Our Business**

**Our Business**

**Responsive to**

**Change Reduced Risk**

**Increase Reduced costs**

**Systems**

**Data**

**Systems**

**Data**

**System integration Minimum**

**Data Model**

**Data Model**

**Simple interfaces data**

**Compatible data**

**Supports**