Vision and Scope Document

for

Health and Dietary Application

Version 1.0

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Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Date** | **Reason For Changes** | **Version** |
| Kevin Kemmerer | 10/10/19 | initial draft | 1.0 draft 1 |
|  |  |  |  |

# Business Requirements

## Background, Business Opportunity, and Customer Needs

A majority of people spend at least a few hours on the internet searching for ways to improve their diet. Most of this time is spent looking at websites that don’t even show current nutritional information. Some people look to television shows for current and reliable information about their diet. People don’t always get the right information when considering their lifestyle. They waste a lot of time and money on nutrition information that might not suit them. These same issues apply to many other things having to do with our bodies and nutrition.

Many people have been searching for a place that would allow them to shape their dietary needs along with their lifestyle. Such a place would allow these people to be displayed correct and current information on macronutrients and healthy diets. This would improve both their quality of life and their productivity. Knowing what diet fits your needs and lifestyle would save a lot of time and resources for these people. The future ability to allow the user to input their current diet in one reliable place to get suggestions on what improvements can be made to become a healthier person. It might also permit businesses to allow their staff to improve work productivity and reliability if everyone was consistently healthier.

## Business Objectives and Success Criteria

BO-1: Provide somewhere that has current and reliable macronutrient information.[[1]](#footnote-1)

Image: Nutrient information on any and all food items.

BO-2: Reduce false information about diets and allow that to be accessible for everyone.

BO-3: Increase life productivity by having an area where people can improve on their own lifestyle.

Calculator: Improving the current diets of everyone.

SC-1: Having people that are interested in improving their lifestyle be able to get access to the current information on the website.

SC-2: Achieve and increase the number of satisfied customers who have improved their lifestyle by visiting our website and using our software.

## Business Risks

RI-1: Too few people might use the system, reducing the return on investment from the system development and the changes in website operating procedures. (Probability =0.4; Impact = 9)

RI-2: Current health and dietary websites might already provide some users with this information. (Probability = 0.4; Impact = 3)

# Vision of the Solution

## Vision Statement

For people who wish to access current and reliable diet and macronutrient information online, the Health and Dietary Application is an Internet-based application that will accept individuals’ diets, process food items, and suggested improvements on their current diet on the website. Unlike the current online informative health and diet websites, people who use the Health and Dietary Application will not have to go to unreliable and unrealistic places to get diet information, which will save them time and increase their lifestyle.

## Major Features

FE-1: Access current macronutrient information

FE-2: Access reliable macronutrient and diet information

FE-3: Create, view, and modify current or future diet plans

FE-4: Configure a diet for your lifestyle

FE-5: Request diet help

FE-6: Access custom information that is not on current diet websites

FE-7: Produce recipes and ingredient lists for custom meals on a daily basis

FE-8: Provide system access through corporate Intranet or through outside Internet access by authorized personnel

## Assumptions and Dependencies

AS-1: Intranet-enabled computers and printers will be available to people or persons wanting to access the information.

AS-2: Calculator and macronutrient information in the system work as intended

DE-1: If someone has their own dietary needs the application needs to work with that need directly and improve on those as well

# Scope and Limitations

## Scope of Initial and Subsequent Releases

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Feature | Release 1 | Release 2 | Release 3 | |
| FE-1 | Standard macronutrient information from food items only. |  | Macronutrient information and dietary information on each food item to be updated in the system. |
| FE-2 | Placeholder diet information. |  | Adjustable diets with varying lifestyle choices. |
| FE-3 | Implemented if time permits (medium priority) |  | Fully implemented |
| FE-4 | Not implemented | Not implemented | Fully Implemented |
| FE-5 | Rough diet information will be provided | Add information that will enhance peoples diet needs | Fully implemented: Allow user to talk to an employee for help with diet (Low Priority) |
| FE-6 | Not implemented | Fully implemented |  |
| FE-7 | Not implemented | Not implemented | Implemented if time permits (medium priority) |
| FE-8 | Fully implemented |  |  |

## Limitations and Exclusions

LI-1: The Health and Dietary Application shall only be accessed and used on the intranet.

# Business Context

## Stakeholder Profiles

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Stakeholder** | **Major Value** | **Attitudes** | **Major Interests** | **Constraints** |
| Website Management | improved employee productivity; cost savings diet information | strong commitment through release 2; support for release 3 contingent on earlier results | cost savings must exceed development and usage costs | none identified |
| Users | better health, diet, and micronutrition information; time savings; convenience | strong enthusiasm, but might not use it as much as expected because of current diets and healthy lifestyles | simplicity of use; reliability of accessibility; availability of food nutrition information | access to Intranet is needed |
| Payroll Department | no benefit; needs to set up payroll deduction registration scheme | not happy about the software work needed, but recognizes the value to the company and employees | minimal changes in current payroll applications | no resources yet committed to make software changes |

## Project Priorities

|  |  |  |  |
| --- | --- | --- | --- |
| Dimension | Driver | Constraint | Degree of Freedom |
| Schedule |  |  | release 1 planned to be available by 10/24/19, release 2 by 12/05/19; no overrun acceptable except release 3 |
| Features |  | All features scheduled for release 1.0 must be fully operational |  |
| Quality |  | 95% of user acceptance tests must pass; all security tests must pass |  |
| Staff | projected team size is half-time project manager, 4 developers, and half-time tester; additional developer and tester will be available if necessary |  |  |
| Cost |  |  | budget overrun up to 10% acceptable without review |

1. This example shows the use of plain language as a way to precisely state a business objective or other requirement. [↑](#footnote-ref-1)