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30432_2

FoodTrack
Vision

Version 1.0

Revision History

Date	Version	Description	Author
20/MAR/2019	1.0	Initial Project Statement	Opriş Bogdan-Alexandru

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Vision

1. Introduction

Globally, each person is having several meals a day. The amount of calories ought to be monitored daily in order to provide a healthy and sustainable lifestyle. For those who are struggling with counting their food intake, FoodTrack is a modern approach of monitoring your daily eating amounts.

1.1 Purpose

The purpose of the FoodTrack system is to bring up a digital way to count the customer's daily calorie intake. Its aim is to encourage users into achieving a healthier lifestyle. The first step in our vision is to get rid of the daily stress of constantly tracking foods on a piece of paper or even in one's mind via a digital equivalent. The second step is to keep a database of all the available foods. The final step is to implement a new algorithm that will calculate a daily total of calories for each user based on the foods that they have eaten.

1.2 Scope

The following features will be covered by Food Tracking:

- User Authentication (Create Account + Login) – two types of users.
- View list of foods (Many users may select from a list of many meals).
- View information about any selected food.
- Create a personal diary.
- Update diary.
- Delete selected meals from diary.
- Calculate calories based on selected foods.
- Administrators can view/update any food's nutrients.

- Administrators can add/delete available foods.

The following services are out of the scope of this project and will be provided by other systems:

- Services that calculates daily workouts.
- Services of meal recipe recommendations.
- Payments of any kind.

1.3 Definitions, Acronyms, and Abbreviations

Throughout this and all related papers the following terms will be defined and understood by the reader as follows:

Term	Definition
Calorie	A number referred as the basic fuel source provided by foods that is needed to carry out and perform any and all functions of the body.
Food Nutrients	Information about any food in the list (i.e. calories, carbohydrates, proteins, fats).
Personal Diary	A user's daily list of their food intake (i.e. selected foods).
Administrator	A person who administrates the database of available foods.

1.4 References

For further clarifications see the following resources:

- Project_UseCaseModel_CreateNewDiary
- Project_UseCaseModel_SeeDiary
- Project_SupplementarySpecification
- Project_Analysis_and_Design_Document

1.5 Overview

The upcoming sections of the document will describe the product positioning in the market, relative to other similar food tracking systems. We will then continue by describing the involved stakeholders, the end users, the end user environment and the product hardware and software requirements.

2. Positioning

2.1 Problem Statement

The problem of	Tracking daily food intake.
affects	Every person that want to count their calories.
the impact of which is	The number of people who want a healthier lifestyle.
a successful solution would be	To create a food tracking/calorie counter service for every person that wants to monitor their daily energy intake.

2.2 Product Position Statement

For	Anyone that owns a personal computer
Who	wants to track their total of energy intake.
The FoodTrack	is a Management System.
That	Provides a monitored eating lifestyle.
Unlike	note taking systems which allow food tracking without any nutrient information.
Our product	• Provides a constantly monitored food intake. • Assures the same services for anyone who owns a compatible device. • Helps users monitor their daily eating habits.

3. Stakeholder and User Descriptions

3.1 Stakeholder Summary

Name	Description	Responsibilities
Implementation Team	The team developing the project.	Provide a clean implementation with minimum effort.
System Administrator	The person in charge with maintaining the system after implementation.	Ensures system integrates with other systems. Ensures system is maintainable. Provides valid data to the system database

3.2 User Summary

Name	Description	Responsibilities	Stakeholder
User	The user that selects the food.	View list of foods. View food information. Create a personal diary. Update/Delete item from diary.	It is a direct user.

3.3 User Environment

User

A person that will use the application from their personal device, possibly at the moment of time when they have finished eating their food.

Administrator

As an administrator, the person will operate from an office, having access to the food database, being able to manage it.

4. Product Requirements

For either user, the product requires first of all a stable internet connection, a computer with at least 8 GB RAM, Dual Core processor, one monitor, mouse and keyboard.

The product must integrate with the current scientific nutrients of any food in order to succeed at tracking a valid total of calories/nutrients.