Cadence Health

Final Report

Mobile Application

Version 1.0, 03/11/14

Table of Contents

1. Introduction - Daniel 3

2. Project Planning - Daniel 3

3. Requirements and Analysis - Nick 3

4. Design - Nick 3

5. Implementation - Nick 3

6. Learning Outcomes – Daniel, Nick 3

7. Conclusion - Daniel 3

8. RTM - Nick 3

# Introduction - Daniel

# Project Planning - Daniel

# Requirements and Analysis – Nick

\*\*\*Font size 11, Spacing 1.1, Font Times New Roman

\*\*\*\*\*Make sure to add informal dialog\*\*\*\*\*

\*\*\*\*\* I am not really interested in a rehash of the documents you have given me already. I want you to review all aspects of your project and reflect on what you did, why you did it, what worked and what should have been done differently.

You may include information/diagrams from other documents to make your discussion more informative. Assume that someone was reading the document to discover what you had been up to for the past 3 months and could also see why you drew the conclusions that you did. Don't assume they have read all the other documents.

\*\*\*\*\*

Cadence Health provides many different types of people and groups with health information and health training. This is also accompanied with specific courses being taught for personal fitness, training and many other areas. However one area that could be improved upon is the availability of information and the ability for a non expert to understand the information.

Thought that could benefit and enhance with an app

No one is making information easy to understand and readily available

Needs to be simple

Needs to utilise new way of managing food intake \_ORAC

Needs to be different to current ideas and systems that are ineffective

Summary of current situation - why there is a need for this application

**Summary of benefits**

The potential benefits of the app are both for the individual and the greater community. Both were looked at and broken up so that the requirements could be recorded better and looked at more closely. It was important for the Client that both were looked at because of the nature of their business, focusing on health and wellbeing for everyone not just those who are interested in health.

**Alternative Solutions**

**Clients proposed application**

This application includes everything the client wants and would result in a fully developed app. It would include everything from Image Tagging, to geolocation and sharing with friends on social media. It was to also include automatic shopping list generation, health tracking and menu generation.

This solution would require a large amount of expertise and would be a lot of work to complete within the given timeframe.

**No Action**

No action would have been the easiest option, with no workload at all. This would defeat the purpose of having a client and being enrolled in this unit, so realistically it was never and option.

-Scaled down application

Reasoning for why we chose compromise – feasibility study (summarise)

**Compromise**

A solution that suits both the Team and Client would be a compromise, with key features being kept and focused on with other non essential features being left for later implementations and versions. They key functionality was decided by the Client, with the Team providing feedback of what was realistically feasible within the given timeframe and limited skillsets.

The Core functionality was decided on with:

-Photo taking

- Image tagging

-Searching saved meals

-locally

-web database

# Design - Nick

Simple

Easy to use

Appeal to wide range of users

Information presented easily

Few different options

Went with simple version with possibility for expansion

Add context diagram, with description of each component

Summary of 1.6.1 Product Perspective and 1.6.2 Product Functions

Clarify which functionalities are CORE and which are SECONDARY

Mention Android operating system

Mention Database (SQLite) Both local and remote server (4.2 Storage/Persistent Data Strategy)

# Implementation - Nick

Followed Agile development

-list of changes

-what we would do differently

-if we would change anything

-ongoing work (running sever etc)

-back end

\_update app and keep running

-marketing e.g. app store, website for client?

MVC approach

4.3 Trade offs and Choices

# Learning Outcomes – Daniel, Nick

Still have no clue

# Conclusion - Daniel

# RTM - Nick