

Felicity Rhone	Recipe World Inc.
V00758547	Meals for the Moment
January 7th, 2016	1.0

Version	When	Who	What
1.0	Mar. 31, '16	T.B.D	Initial Drafting

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1.0 Problem description / expression of need

The question of what to make for dinner is a common one, and for many people, it is just one more thing to worry about in their already busy daily life. Randomly selecting a recipe from a cookbook is not enough of a solution either. Recipes chosen this way may not suit the circumstances (for example, do you really want a hot stew on a scorching summer afternoon?), or may contain exotic or out-of-season ingredients, which can be costly to acquire.

2.0 Project Objectives

The objective for this project is to produce a smart recipe recommender: *Meals for the Moment*. This application will contain a large database of various recipes, with their ingredients. Ingredients will be indexed according to where in the world they can be sourced, and which seasons they are available in. When a customer requests a recipe, their location and the current season will be taken into account so that the recipe returned can be made with fresh, local ingredients. Local climate will also be considered, so that hot, comforting recipes will appear during harsh winter months, and light, more refreshing meals will be suggested during hot summers.

Users will also be able to specify any allergies or other dietary restrictions they might have, so that the recipes recommended will suit their personal requirements.

3.0 Current System(s)

None.

4.0 Intended users and their interaction with the system

This application is intended for use by people world-wide.

5.0 Known interaction with other systems within or outside the client organization

The application will interact with:

1. GPS data to determine the user's location
2. The current date, to determine the season.
3. Weather data, to determine the climate at the user's location.

6.0 Known constraints to development

The project must satisfy the following constraints:

1. It should run on mobile phones - the exact platform to be determined
2. The system must be accessible by large number of people at once

7.0 Project Schedule

<i>Jan. 21, 2016</i>	First draft of requirements to be submitted for review Project Website Launch
<i>Feb. 16, 2016</i>	Formal requirements completed based on feedback from first draft
<i>Mar. 1, 2016</i>	Detailed requirements specification to be submitted
<i>Mar. 3, 2016</i>	First prototype demonstration

Mar. 15, 2016 Final requirements specification to be submitted, based on feedback so far

Mar. 22, 2016 User Manual written

Mar. 31, 2016 Second (final) project demo

8.0 Project team

To be determined.

9.0 Glossary of terms

Application, Project	-	Refers to the <i>Meals for the Moment</i> application
User	-	Any person using the <i>Meals for the Moment</i> application

Project Proposal Summary

Felicity Rhone, V00758547

The proposed project is an application called *Meals for the Moment*. It suggest recipes for people around the world, using GPS and time data to ensure that suggestions contain local, in-season ingredients. Users can further refine the recipes suggested to them by inputting any allergies or dietary restrictions they may have, so that foods containing 'restricted' ingredients will not be shown.

The team implementing this project will have until the end of May, 2016, to come up with a final demonstrable implementation. Along the way, requirements documents will be submitted for review and refined.

The final project should run on a yet-to-be-determined mobile platform, and should be able to withstand high traffic flow.

My Résumé

Felicity Rhone V00758547

Writing experience

Writing, proof reading, and editing expertise.
Documentation skills.

Webmaster experience

Experience with HTML and CSS through online tutorials.

Programming skills

Java
C
JavaScript
Python
Shell scripting (bash, ksh)
Soon to be learning SQL in CSC 370

Design experience

Design experience
Object-oriented design skills

Other Skills

Communication
Debugging/Problem Solving