'Hands Off'
Application
First Iteration Supporting Document

Introduction

First Iteration

This document is provided to support the documents released as part of the first iteration of our product. The first release of our product will give the customer a prototype product with essential features implemented to show how the basic functionality works. The following user stories are included in this document describe the mandatory prototype requirements and are integrated within the first iteration.

User Stories

TRXX = Typical user requirement

TR01

TR01 assumes the user wants to search for a recipe based on a keyword. The user will search for keywords and any matches with recipe titles will be returned.

TR02

The user may also require further filtering of their returned selection based on specific dietary requirements. The user has the option to eliminate recipes that are marked as Lactose, Vegan, Vegetarian, Nuts, Spicy, Gluten from their search if they require recipes that meet such a criteria. The user's preferences will be saved so they don't have to keep toggling their personal dietary requirements everytime they use 'Hands Off' but the criteria can be toggled at any time.

TR04

Once the app returns the recipes from the user's search, it is required to display the recipe thumbnails on screen for the user to select. The display will show a small image of the finished recipe as well as indication of the time it takes to make the recipe. The thumbnail will include a heart icon which will show whether or not the user has already favorited the recipe.

TR05

Partially completed, this user story allows the user to select one or more recipe and add them to a favourites section. So far the prototype can add one recipe at a time to the favourites section, the next iteration will include the ability to select multiple recipes.

TR06

TR06 gives the user the ability to see recently viewed recipes displayed at the top of the page in case they wish to quickly open it. A scroll bar at the top will be included to allow the user to scroll through previously view recipes for easy access.

TR07

TR06 is useful but it assumes the user always wants to keep all previously viewed recipes in their history. TR07 give the user the option to remove recipes from this scroll bar if they didn't like or are not interested in them by holding the thumbnail and selecting from the menu that overlays the icon.

TR08

Once a user has saved a recipe they also have the option to remove it from their favourites in the same way as described previously.

TR10

The requires some means of navigating around the app so an icon at the top which opens up a navigation menu when clicked. Options on this menu include history, favourites and settings.

TR11

Within the previously described menu, the user will have the option to select a page to navigate to. User will want to access their saved favourite recipes, so a favourites option is included.

TR12

An instructional videos page is included in this iteration, although adding videos and tutorials to it is to be included in the next iteration, so the menu also has an option called instructional videos in order to allow the user to navigate to this page.

TR13

The user can save the ingredients from a recipe to a shopping list and the option on the menu titled 'shopping list' will navigate the user to this page.

TR14

The user can access their history page by selecting the history text in the menu. It will navigate to a page displaying the user's recently viewed recipes.

TR18

A selectable text called setting allows the user to navigate to their setting page for the app.

TR23

Once the user has selected what recipe they want to make, all the relevant information about the recipe is displayed on the screen. This includes the list of ingredients, nutritional information and time taken to make the recipe.

TR26

Having selected a recipe the user can now see the steps to the recipe displayed on the screen step by step on separate slides. The user will tap to advance to the next step. There is a button on the recipe page to begin the slideshow which changes the screen to display the first step.

TR29

If a user has missed something, or wants to repeat a step, they can double tap to go back.

TR32

The user can exit a recipe and return to the recipe selection screen if they no longer wish to continue with the slideshow.

AR01

The user can navigate to a page where they will have the option to create their own recipes. Creating their own recipes is in the next iteration, however the user can still navigate there for this iteration.

Summary of First Prototype

All of the above user stories have been included in this first iteration and fulfill their individual requirements with the exceptions of TR06, TR07. These user stories have been pushed back to the next iteration as the prototype does not include the features the satisfy the user's requirements. Unfortunately we didn't not have enough time to implement these features however they will be included within the next iteration of the product.

The prototype product allows the user to open the 'Hands Off' app and use it as described in the user stories. The prototype demonstrates the product is functionally correct on a skeleton level, with the next iteration developing the product into to a polished final product which has all the required features included.

Plans for the next iteration

The next iteration will develop the prototype from its current form to a final product by implementing the mandatory user stories and some of the desirable user stories. Some desirable user stories for the next iteration include:

TR09

A display on the Home page showing recipe suggestions based on previously viewed recipes so they can try out different recipes.

TR16

A way of marking ingredients as 'done' so the user knows they have already have that ingredient for the recipes.

TR24

A feature that allows them to add the ingredients of the recipe into the shopping list feature of the app, so they know what ingredients they must acquire for the recipe.

The user stories for the next iteration build on what has already been implemented for the first iteration, adding in more useful features for the user and generally polishing the app off to make it more user friendly and logical.