



Project Proposal

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July 30, 2015

Proposal number: 001

MY CANADIAN FOOD GUIDE

Objective

This mobile application will be used to provide users information about the amounts and types of food from each of the four food groups (Grain Products, Fruits and Vegetables, Milk and Alternatives & Meat and Alternatives) that Canadians need on a daily basis.

Why is this a good choice?

This application is a good choice because it provides valuable information that every person should know in order to have a healthy lifestyle. Now, people can take this application on-the-go and refer to it whenever and wherever they are. You can now make decisive choices on your diet with this application.

Features

Here is a list of features for the mobile application that will be implemented:

- Definitions explaining food groups
- Introduction page that explains the application and its uses
- Allows user to click on each group for additional details
- Ability to save a 'profile' and user can select their profile on app-start

Expected Market

We expect a large portion of Canadian android users to be using this app. As of today, many people are very concerned about their general health and diet. With the help of this application, they will be able to maintain a healthy balance in their diet and lifestyle. We will be using the 'My Food Guide' database from the government of Canada open data collection. This will prove the authenticity of our information and guidelines.

Common Use-Cases

- User enters their age, sex and choice of food group (or all) and the application will return the data that is required
 1. Display introduction
 - A. User types a profile name
 - B. System creates a profile object
 2. Age and Sex
 - A. User selects age group and sex from a list
 - B. System adds selection to profile object and queries database
 3. Display recommendations
 - A. User may click on any of the given food group for more information
 - B. System displays a new view based on user selection
 4. Display selected food group
 - A. User may click button to view specific food amount
 - B. System displays a new view on list of food of given food group
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TIMELINE FOR IMPLEMENTATION

Timeline

We plan to have this application finished within three weeks. Below is a detailed plan for the application implementation.

Time	Description
Week 1	Design layouts and views
Week 2	Construct code for the core functions of the application
Week 3	Testing and debugging
