SaveFood App

A.   Executive Summary

'SaveFood' is an application that helps connect people or notify each other about available food they wish to consume or donate. When people access the application, they can view a list of food offered in locations, so they can pick these items up.

B.   Business Objectives

1. Business Need/Opportunity/Objectives

In Ontario, on average, 40,000 tons of organic waste is generated every year, most of which consists of food waste. On the other hand, according to the Ontario hunger report last year, 501,590 people have experience hunger within the last year, in search of a food bank.

Everyone has experienced buying or consuming large quantities of food out of which, some is left over and could get thrown away. Thus, the above problems can be solved by matching with those who need it. Members of organizations such as a charity, a church, an orphanage, or a homeless shelter can utilize the application to benefit the community on a larger scale. This will help bring in more persistent clients.

SaveFood is an application that is one such alternative to solve hunger. This will increase social wealth by preventing the wastage of food, saving resources, and taking care of hungry neighbors.

2. Product Description (Solution)

- Food wastage will be significantly reduced as people will be donating their leftover food or unused products to people who need it.

- People who need the food products can schedule a meetup with the food donor and acquire the food.

- People who could not afford enough the food will now have an opportunity to get an adequate amount, thus reducing hunger.

- This project will be successful if it is more than 8 by CSAT(Customer Satisfaction Score).

- This project will be successful if it increases KPI(Key Performance Indicator) by 5%.

- This project will be successful if it is more than 0.95 by schedule performance.

3. Deliverables
- ▪ Administrative managing system
- ▪ User account registration and login system
- ▪ User profile management system
- ▪ Food donor upload system
- ▪ Food consumer search system

C.   Project Description

1. Scope

The SaveFood application will allow prospective food donors to be able to post food items that they wish to donate to the community. The application's goal is to connect these food donors to the individuals who are interested in the food items that they have listed. Pickups for these items can be arranged within the application.

2. Completion Criteria

A. User Account Registration and Login System
- Prospective users of the application can register to create an account with the SaveFood Application
- Existing Users will be able to login to the SaveFood Application to access its services
- Phase Completion: New user can create an account for the application. This user has been added to the application database and can now log in with there chosen username and password.

B. User Profile Management System
- Registered users can update account information pertaining to the password, personal information, and profile picture associated with there account
- Phase Completion: Registered user can modify account details with changes save directly to the application database.

C. Food Donor Upload System
- Registered users can upload images and a description of the food item that they wish to donate.
- Phase Completion: Registered user can upload a food item with the proper images and description along with it. Success is measured when the listing is made available to other users of the application (stored in the database) and is shown within the listing page of the SaveFood app.

D. Food Consumer Search System
- Registered users can view listings for food items that are posted from other users of the application.
- From the listing page, users can navigate to a product description page where the user can view the specific product information as well as set up a pickup with the respective donor.
- Phase Completion: Registered users can view food items within the listing page and direct themselves to the product information page where they can set up a pickup for the given product.

E. Administrative Management System
- SaveFood Admin can view all product listings and user accounts
- Admin can manage food listings and user account
- Primarily used by SaveFood Admin to maintain the integrity of the application
- Phase Completion: SaveFood admin is able to delete invalid food listings from the application and remove users from the application who have violated SaveFood's user policy.

3. Measures of Project Success

The measure of success for the SaveFood application revolves around the amount of food wastage reduced due to the use of the application. The application's goal is to at least reduce the amount of food wastage in Ontario by 5-10%. This goal is directed at attracting more users to the application by creating a "user-friendly" system that will allow users to easily donate and receive food products with a few clicks through the application. Ultimately, making the process of donating food as easy as possible for the user.

D. Project Approval Form
I, Ilir Dema, have reviewed the information contained in this document and approve the project proposal.

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Signature   *Date*