Project Proposal

FeedHope

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SCOPE DOCUMENT REVSION HISTORY

NO.	Comment	Action

Date: **Supervisor Signature:**

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Project Category: (Select all the major domains of proposed project**)**

- (●) A-Desktop Application/Information System
- ( ) B-Web Application/Web Application based Information System
- ( ) C-Problem Solving and Artificial Intelligence
- ( ) D-Simulation and Modeling
- ( ) E- Smartphone Application
- ( ) F-Smartphone Game
- ( ) G- Networks
- ( ) H- Image Processing
- ( ) Other (specify category)

Abstract

The "FeedHope" Application is designed to control food wastage by providing food donors with tools to effectively manage their food inventory, share cooked food and clothes according to the need of orphan-age and shelter house, receive timely reminders, and gain valuable insights on efficient food usage. By keeping track of expiration dates, connecting food donors with those in need, sending helpful reminders, and offering tips for smarter food consumption, this app aims to significantly reduce food waste. Ultimately the goal of the app is to encourage responsible and mindful consumption of food resources.

Introduction

"FeedHope" is a food donor mobile application designed to minimize food waste, share food, allowance, clothes and money with needy people with food wastage reduction, user can contribute themselves by providing cooked food, allowance, clothes and money. To reducing food waste by making responsible choices regarding food consumptions and protection.

In a world, where food wastage is a significant concern, when food is wasted, all the resources that were used to produce this food including water, land, energy, labor and capital also go to waste. In addition the disposal of food loss and waste in landfills, leads to greenhouse gas emissions, contribute to climate change. In addition, money is essential for meeting our basic needs such as food, shelter and clothing.

Problem Statement

Poverty is a common problem in every country. As a responsible citizen, we should not waste the food and give it to the needy so that needy bring closer themselves to the society. In many hotels the leftover food is passed on to the next customer after a day or two, thus causing many diseases. There is no reason to throw it away or pass it on to the next customer. In a world, where food wastage is a significant concern. In addition the disposal of food loss and waste in landfills, leads to greenhouse gas emissions, contribute

to climate change.

Problem Solution for Proposed System

The proposed system includes the following solutions for current problems:

- This application will help to needy people when provider provide cocked food, clothes, allowance and money.
- Restaurants or other who wants to give cooked food to needy people find resource to give their meal to the needy at right time instead serve their customer with steal food.
- The purposed system will help many share food community to learn about many needy people as well as provider.
- When the cooked food not waste in landfills leads not disturb the greenhouse motive.

Project Overview Statement

The “FeedHope” app aims to tackle the issue of food wastage by providing food provider with tools and information to minimize waste in their home. It also facilitate connections between food providers, orphan age and shelter home, enabling them to share cooked food, food and money. When food is wasted, all the resources that were used to produce this food including water, land, energy, labor and capital go to waste. The disposal of food loss and waste in landfills, leads to greenhouse gas emissions, contribute to climate change.

Related System Analysis Review

In System Analysis we collect data from different documents, manual and sites.

Reference	Year	Main Focus	Issues	UI/UX	Coverage	Updated Information
[1]	2015	Share meal	Can't register any new organization	✓	✓	×
[2]	2015	Provide clothes and food	Complex, Can't register any new organization	×	×	×
[3]	2015	Donate only money	Complex	×	×	×
[4]	2024	Donate cocked food, clothes and money	×	✓	✓	✓

Table 1Related System Analysis with proposed project solution

Pros of Proposed System

With this we have multiple advantages like.

- As cooked food not waste in landfills, this leads to greenhouse gas emissions not contribute to climate change.
- Ownerless receive money from provider to fulfil their basic needs then they are not involve themselves in social issues like theft and child labour.

Scope

The "FeedHope" application is specifically designed to address the issue of food waste and encourage individuals to take proactive measures. The purposed application enables food donors to effectively manage their food inventory at home, their buy minimizing wastage, while also facilitating the donation of cooked food and money to charitable organizations. Additionally, by using this system government ca divide the allowance to the needy at their residence, in this way needy not to come and wait in a long queue and receive the allowance.

Modules

In the purposed system there are four different type of modules first module is for provider in which provider provide cooked food, allowance, clothes and also donate money. Provider can be a restaurant, hotel and any person who have power to donate something to others. Second module is for rider who is responsible to giving cooked food. Third module is for Orphan Age and shelter house who need cooked food and money to live they are those people who are homeless, abused or other in need of protection.

- Admin can add and delete rider and provider as well as modify their information and can charge from new coming organization.
- First provider sign up and share their location through GPS so that rider find provider through their location which they mention.
- Provider give detail information about cooked food, how many number of people eat this food and in which time this food is safe.
- Whenever provider provide information, notification arrive in application and riders read the notification and match the location which rider is near to provider.
- Shelter House and Orphan Age share their information like number of peoples, their location etc, so that rider reach this location timely.
- When rider read the notification of both Provider and Orphan age they pick the cooked food and deliver requested number of food to orphan age and shelter house.
- All these information is store in database.

9.1 Details of Modules

Provider

Provider provide cooked food, food and money to orphan age and shelter house. Provider can be a restaurant, pizza shop, big markets, hotel and any person which are able to give money to others.

Rider

Rider pick cooked food and food from provider and provide this food to shelter house and orphan age.

Orphan Age

Those people who need cooked food and money for their basic need.

Shelter house

Those people who are homeless, abused or other in need of protection they also need cooked food and money.

System Limitations

- This system doesn’t work on a global state.

Software Process Methodology

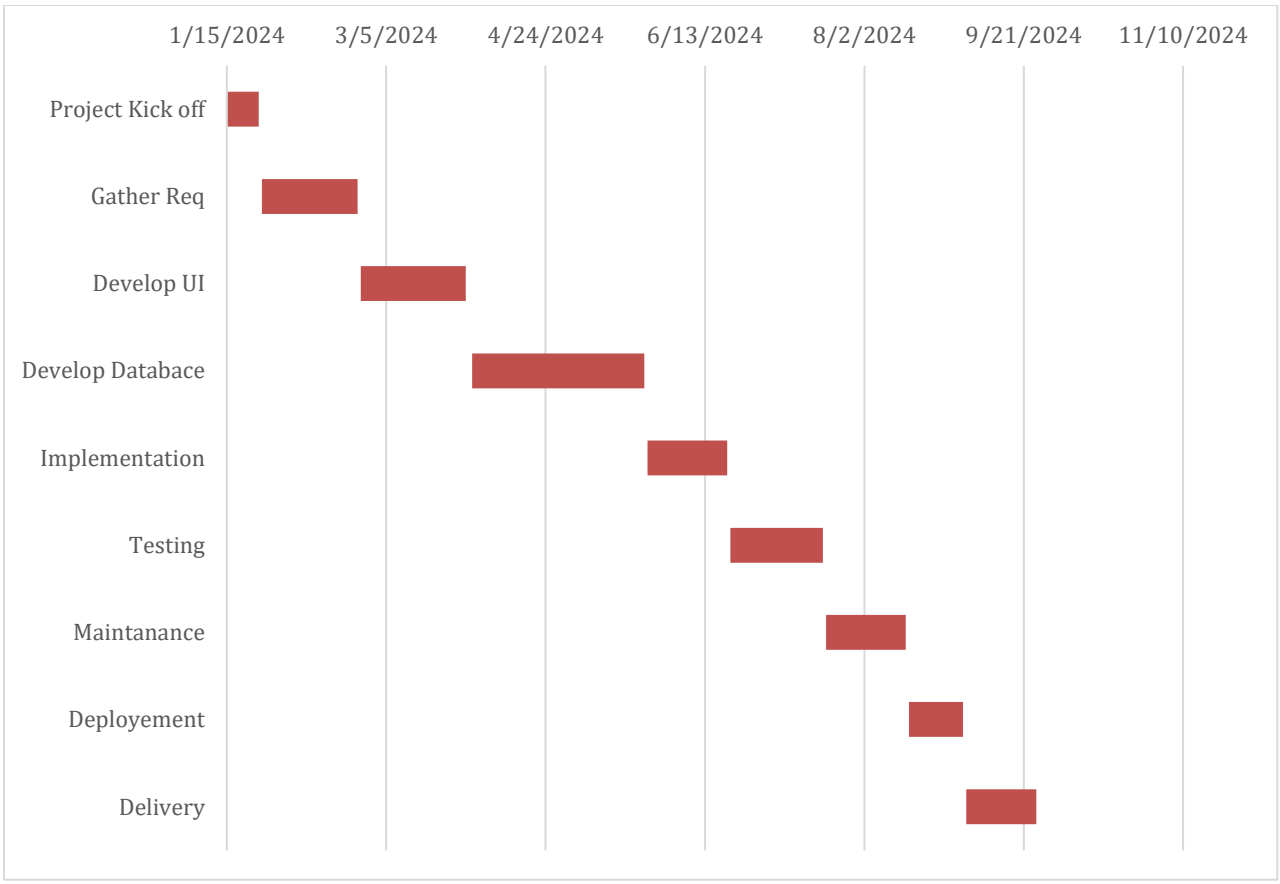
a) Agile-Scrum Software Model

a. Agile software methodology is a set of repetitive and incremental process models. It is considered to be most flexible and easily maneuverable for restless requirement specifications environments. Unlike other process models where high formality is required and the specifications are expected to be known and verified before the commencement of design, agile models allow the use of increments or possible prototypes that can evolve into a more suited and validated requirements and eventually software application. [4]. defines it as a development pattern that encourages customer satisfaction and early incremental delivery of operational software; small, highly motivated project teams; informal methods; minimal software engineering work products; and overall development simplicity.
b. There are several evolving agile process models for different design scenarios which are considered flexible, incremental and repetitive in approach. For this project, we would be using

b) SCRUM Process Model

There are several evolving agile process models for different design scenarios which are considered flexible, incremental and repetitive in approach. For this project, we would be using [5]. Agile process model because of its support for object oriented software design.

- An Agile process model follows these activities:
  - Planning
  - Requirements Analysis
  - Design
  - Coding/Implementation
  - Unit Testing
  - Acceptance Testing



Gantt Chart for Share Food

Tools and Technologies

Below we mention some of major hardware/software tools and technologies with version number which will be used in implementation of the project.

Below we mention some of major tools and technologies which will be used in implementation of our project.

- XML
- Java
- Android Studio
- MS Office

Stakeholder	Project Stake Holders with their roles and responsibilities. ● Provider ● Rider ● Orphan Age ● Shelter Hose

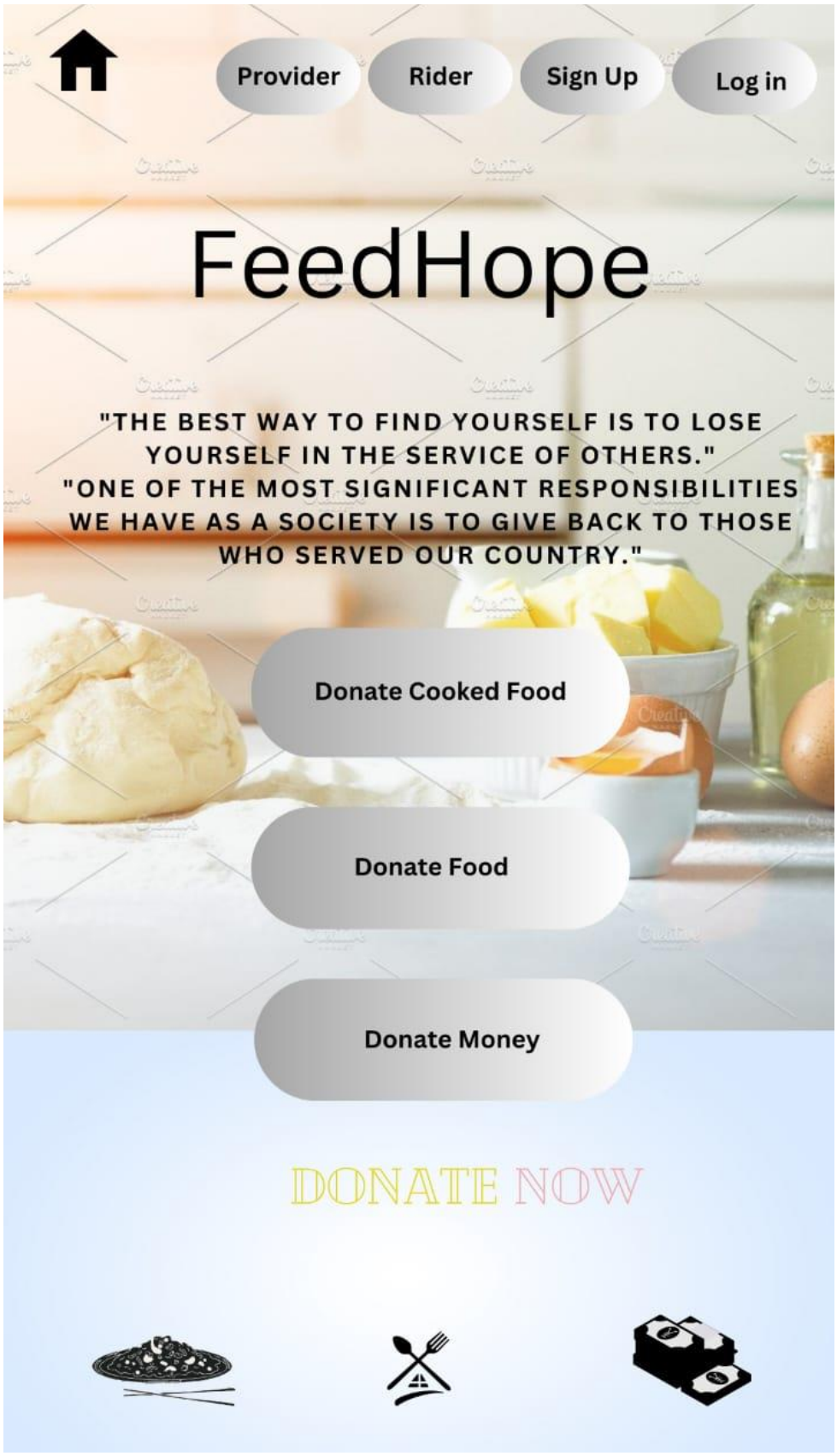
Table 2-Project Stakeholders for Proposed Project

Student Name	**Student Registration Number**	**Responsibility/ Modules**
Sahrish Manzoor	Roll No: 049980	Front-end and documentation
Roha Ashraf	Roll No: 050016	Back end and documenatation

Table 3-Team Member Work Division for Proposed Project

Data Gathering Approach

I have gathered all the information from the source of internet, and do self-write.


Provider
Rider
Sign Up
Log in
FeedHope
"THE BEST WAY TO FIND YOURSELF IS TO LOSE YOURSELF IN THE SERVICE OF OTHERS."
"ONE OF THE MOST SIGNIFICANT RESPONSIBILITIES WE HAVE AS A SOCIETY IS TO GIVE BACK TO THOSE WHO SERVED OUR COUNTRY."
Donate Cooked Food
Donate Food
Donate Money
DONATE NOW

Home Page

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