LOVE FOOD HATE WASTE

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Guide name : Shakil Saiyad

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Abstract

We are going to develop a project named LOVE FOOD HATE WASTE. The project we are go for the people who doesn’t get food.

That’s why we are developing our project name LOVE FOOD HATE WASTE. By which people can donate extra food to the people who needed it by the help of NGOs.

Like hotels extra food, weddings or functions extra food. One most advantage of our project is if any extra food is there but we can’t eat because it was spoil then we can give it for making biogas.

Introduction

We will be creating a LOVE FOOD HATE WASTE by which anyone can donate food by the help of NGOs to the people who doesn’t get food. The project we are go for the people who doesn’t get food. That’s why we are developing our project name LOVE FOOD HATE WASTE. By which people can donate extra food to the people who needed it by the help of NGOs. Like hotels extra food, weddings or functions extra food.

One most advantage of our project is if any extra food is there but we can’t eat because it was spoil then we can give it for making biogas.

Food is hailed as nectar, and wastage of food is considered a sin. Food wastage is a huge problem arising in today's world. It has become a serious issue in our society in the last years that affects “poor and rich countries” equally.

Do you know that one-third of all food globally goes to waste? That’s enough to feed 3 billion people! If food waste were a country it would be the third-largest greenhouse gas emitter on the planet!
As per one data, the average person in India wastes 137 grams of food every single day. That’s 0.96 kg per week or 50 kg per year. In India, 40% of the food is wasted which is equivalent to Rs 92,000 crores a year.

Advantages

We can provide extra food to the people who need it. Keeps the environment clean and fresh.

Creates employment.

Waste management will help you to earn money. We can use waste food to produce biogas.

We can make organic fertilizer from waste food.

Existing System

At present there is no such existing system present in our country. So this project is a new and unique idea which have a potiental to change how we can handle food waste system.

This unique idea can help solve many problems that are faced in todays system.

Proposed System

We can provide the food that is left in hotels/restaurants or like wedding food to those who need it, through the application.

The food which was wasted we can used it like biogas and also used it like a fertilizer in farm.

We can connect Waste management companies, Agricultural sector, Sewage treatment plants, Food industry companies with biogas plant

Scope

Registration

User can register for giving their extra food through NGOs to the people who needed it.

Doner

Users can take a note and give the extra food to the NGOs like hotel, wedding, home(extra food).

Accepter

The people who doesn’t have money to buy food then we can help them by giving our extra food (hotel, weddings extra food).

Tools and Technology

SOFTWARE REQUIREMENTS

1) Frontend

2) Backend

Frontend

Cascading Style Sheets (CSS)

CSS is a stylesheet language used to describe the presentation of a document written in HTML or XML (including XML dialects such as SVG, MathML or XHTML). CSS describes how elements should be rendered on screen, on paper, in speech, or on other media.
CSS is among the core languages of the **open web** and is standardized across Web browsers according to W3C specifications. Previously, the development of various parts of CSS specification was done synchronously, which allowed the versioning of the latest recommendations. You might have heard about CSS1, CSS2.1, or even CSS3. There will never be a CSS3 or a CSS4; rather, everything is now CSS without a version number.

JAVASCRIPT

Javascript is used by programmers across the world to create dynamic andinteractive web content like applications and browsers. JavaScript is so popular that it's the most used programming language in the world, used as a client-side programming language by 97.0% of all websites.

Client-side languages are those whose action takes place on the user's computer, rather than on the server.

HTML

HTML stands for Hyper Text Markup Language.

HTML is the standard markup language for creating Web pages.

HTML describes the structure of a Web page.

HTML consists of a series of elements.

HTML elements tell the browser how to display the content.

HTML elements label pieces of content such as "this is a heading", "this is a paragraph", "this is a link", etc.

The <!DOCTYPE html> declaration defines that this document is an HTML5 document.

PHP

PHP is a general-purpose scripting language geared toward web development. It was originally created by Danish-Canadian programmer Rasmus Lerdorf in 1994.

Backend

PYTHON

Python is a high-level, general-purpose programming language.
Its design philosophy emphasizes code readability with the use of significant indentation.
Python is dynamically-typed and garbage-collected.
It supports multiple programming paradigms, including structured, object-oriented and functional programming.

C++

C++ is a cross-platform language that can be used to create high-performance applications.
C++ was developed by Bjarne Stroustrup, as an extension to the C language.

C++ gives programmers a high level of control over system resources and memory.

The language was updated 4 major times in 2011, 2014, 2017, and 2020 to C++11, C++14, C++17, C++20.

JAVA

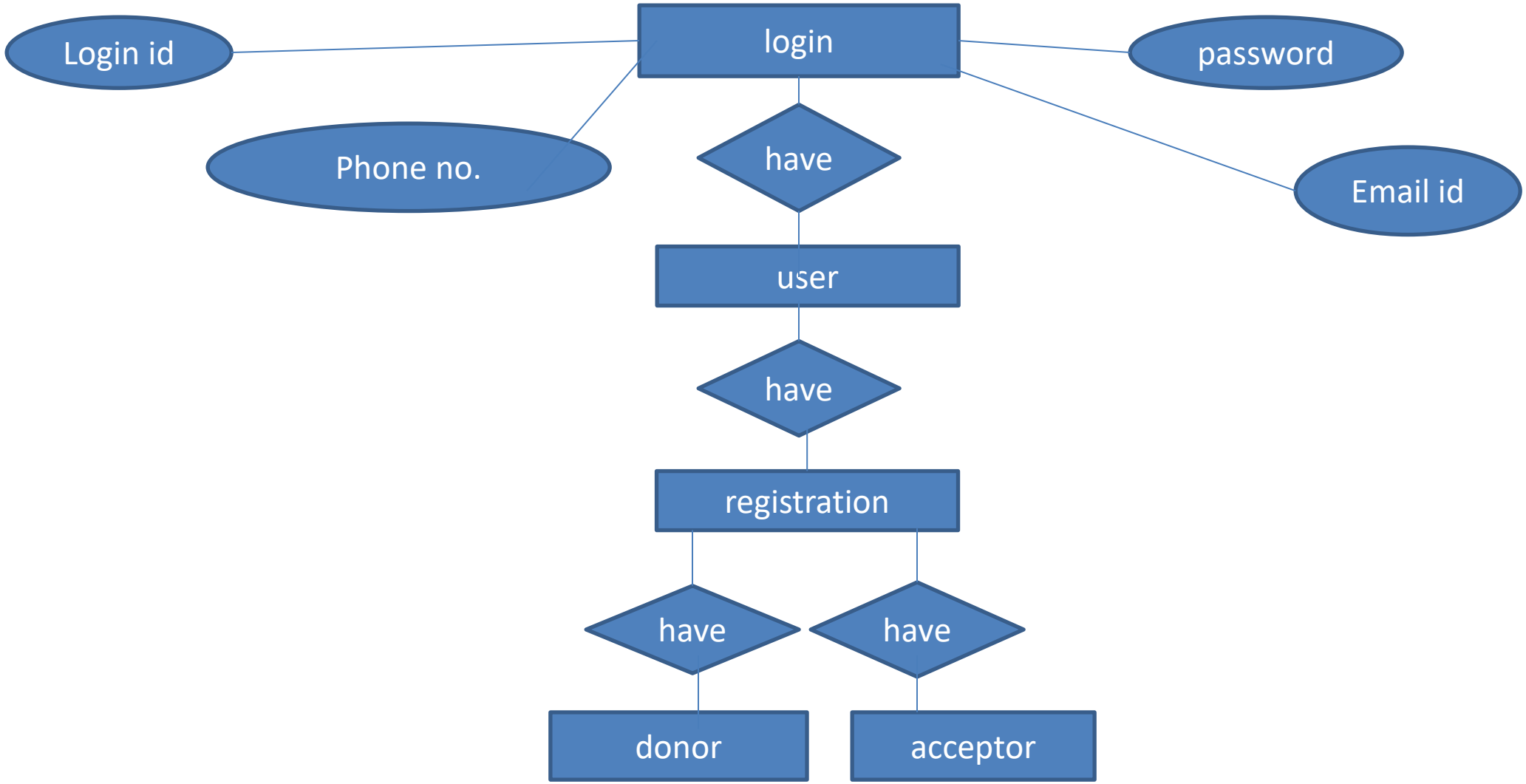
Java is a widely used object-oriented programming language and software platform that runs on billions of devices, including notebook computers, mobile devices, gaming consoles, medical devices and many others.

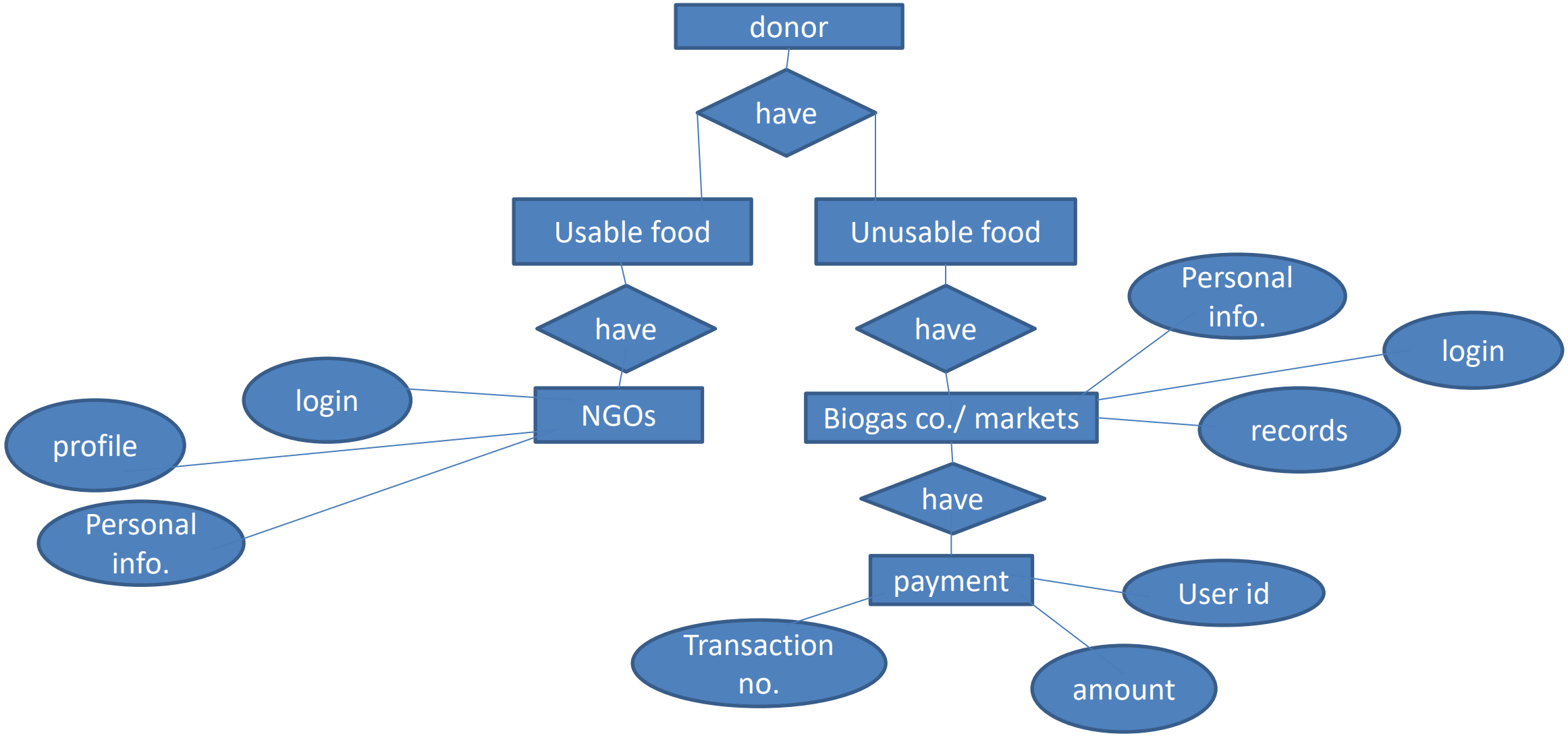
The rules and syntax of Java are based on the C and C++ languages.

Kotlin

Kotlin is an open-source, statically-typed programming language that supports both object-oriented and functional programming. Kotlin provides similar syntax and concepts from other languages, including C#, Java, and Scala, among many others. Kotlin does not aim to be unique—instead, it draws inspiration from decades of language development

E-R Diagram


Login id
login
password
Phone no.
have
Email id
user
have
registration
have
have
donor
acceptor


donor
have
Usable food
Unusable food
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Personal info.
NGOs
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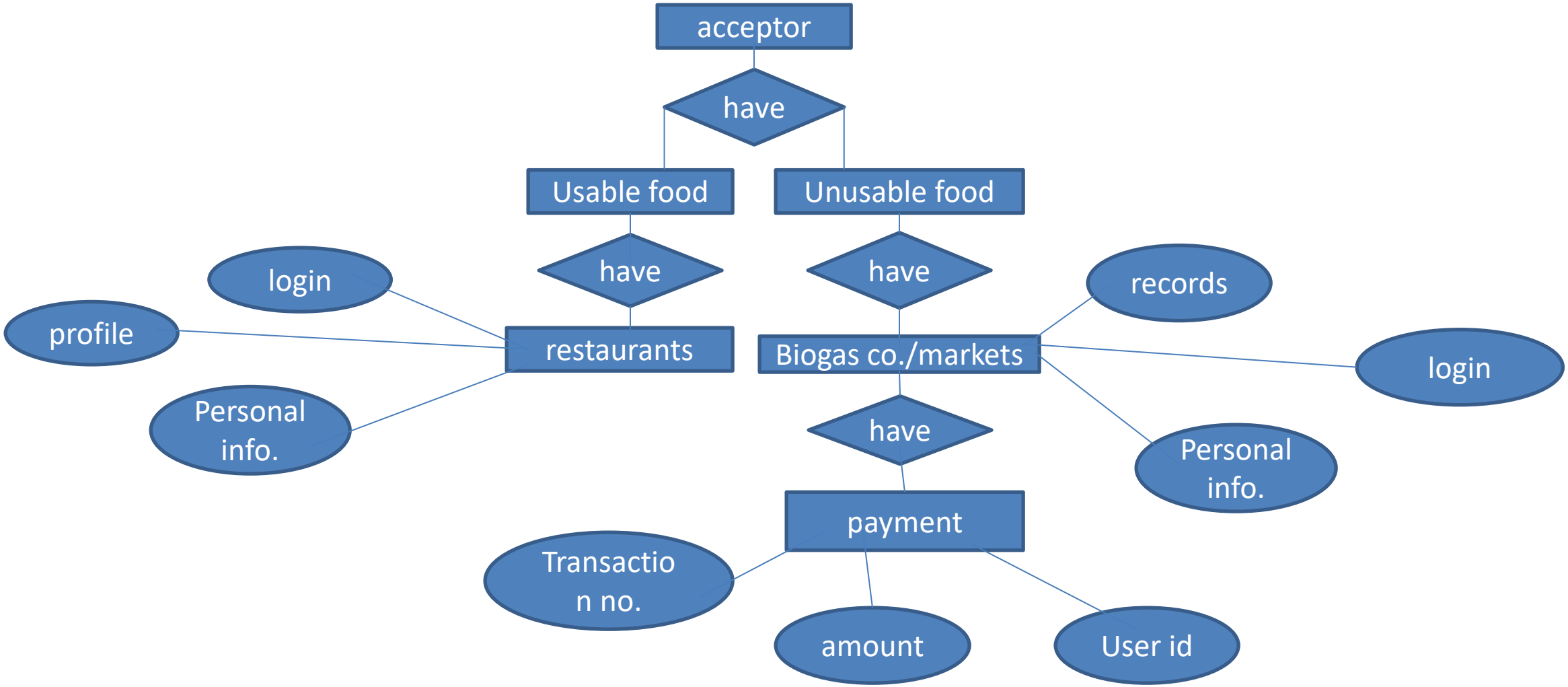
payment
User id
Transaction no.
amount


acceptor
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Usable food
Unusable food
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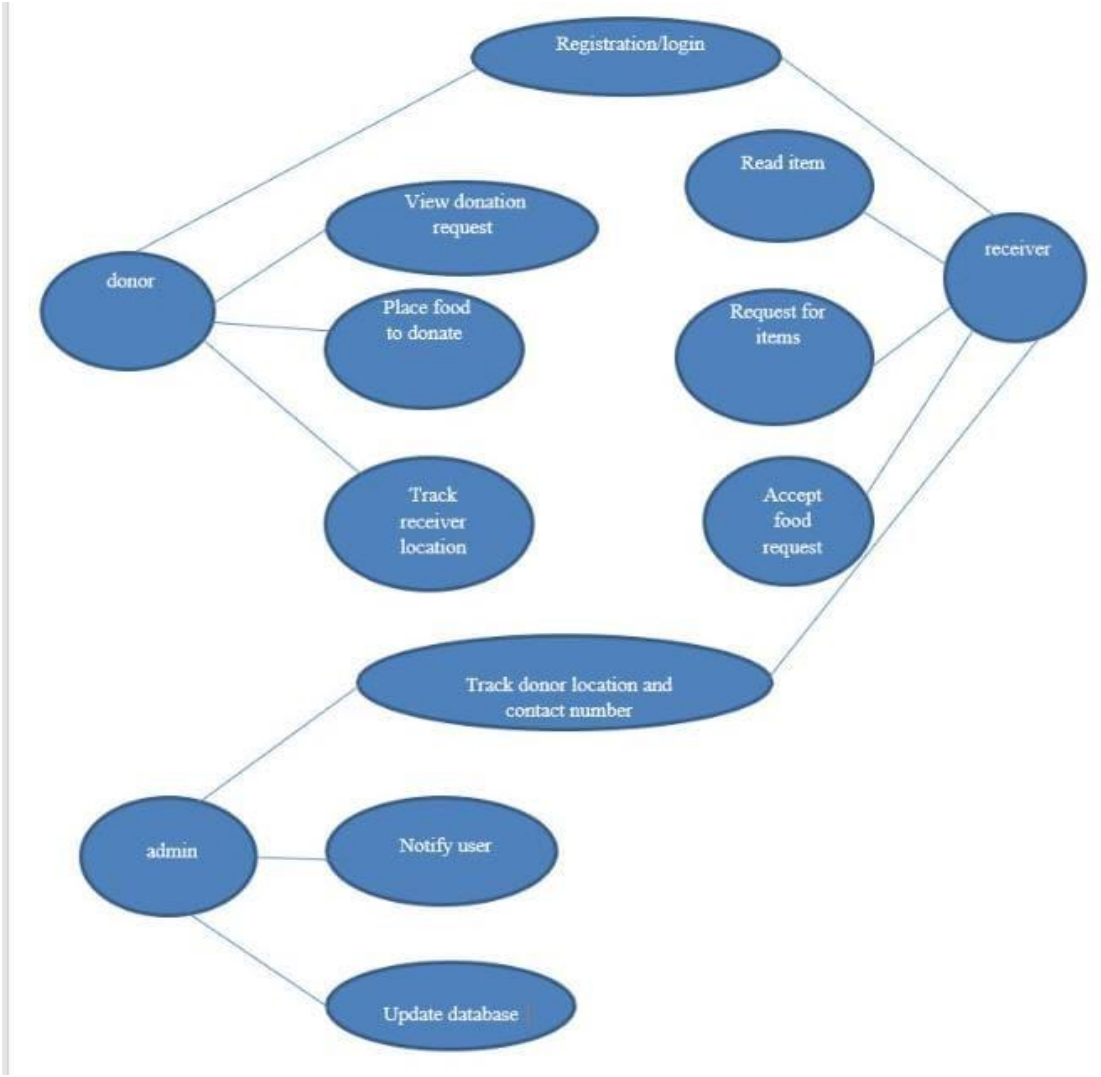
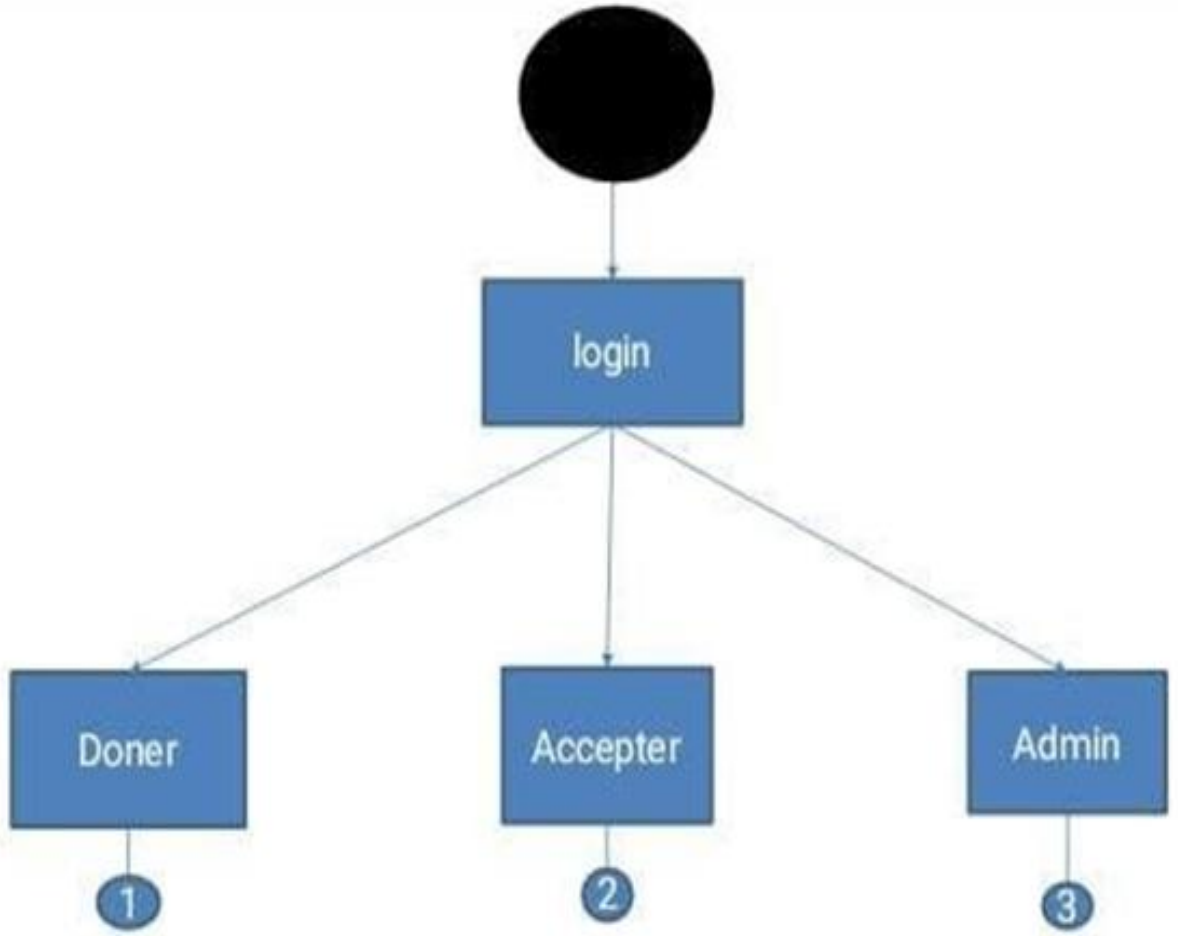
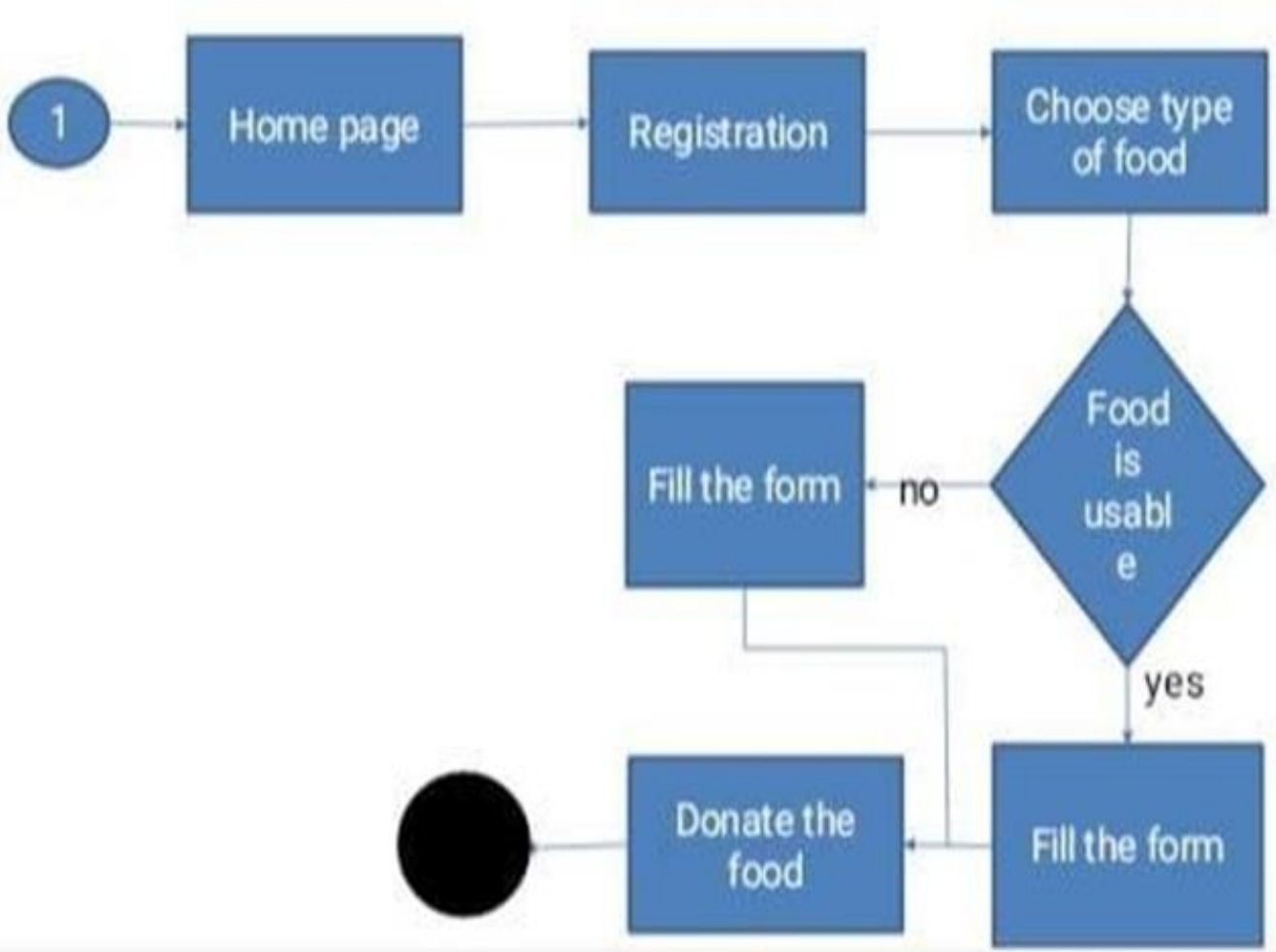
login
profile
Personal info.
restaurants
Biogas co./markets
records
login
Personal info.
have
payment
Transactio n no.
amount
User id

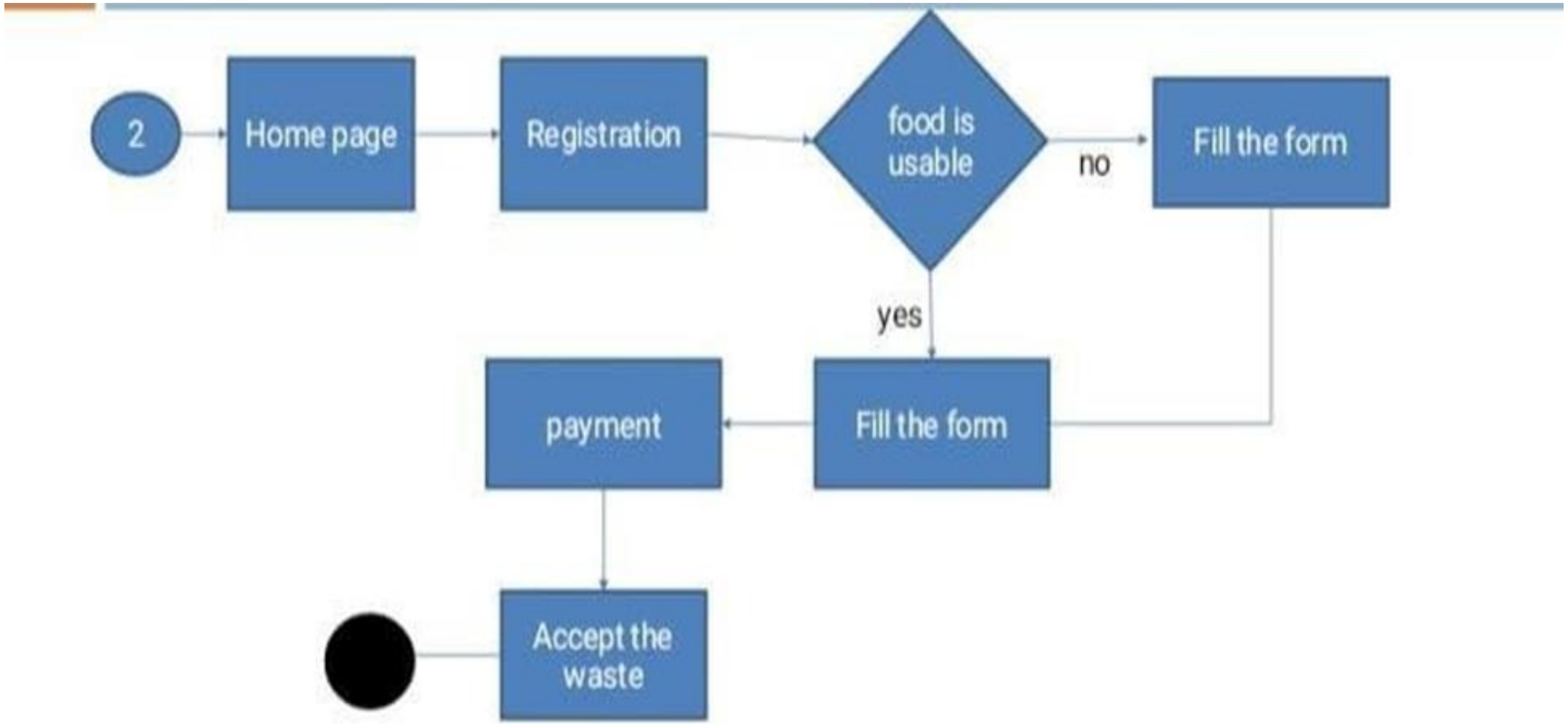
Use Case Diagram



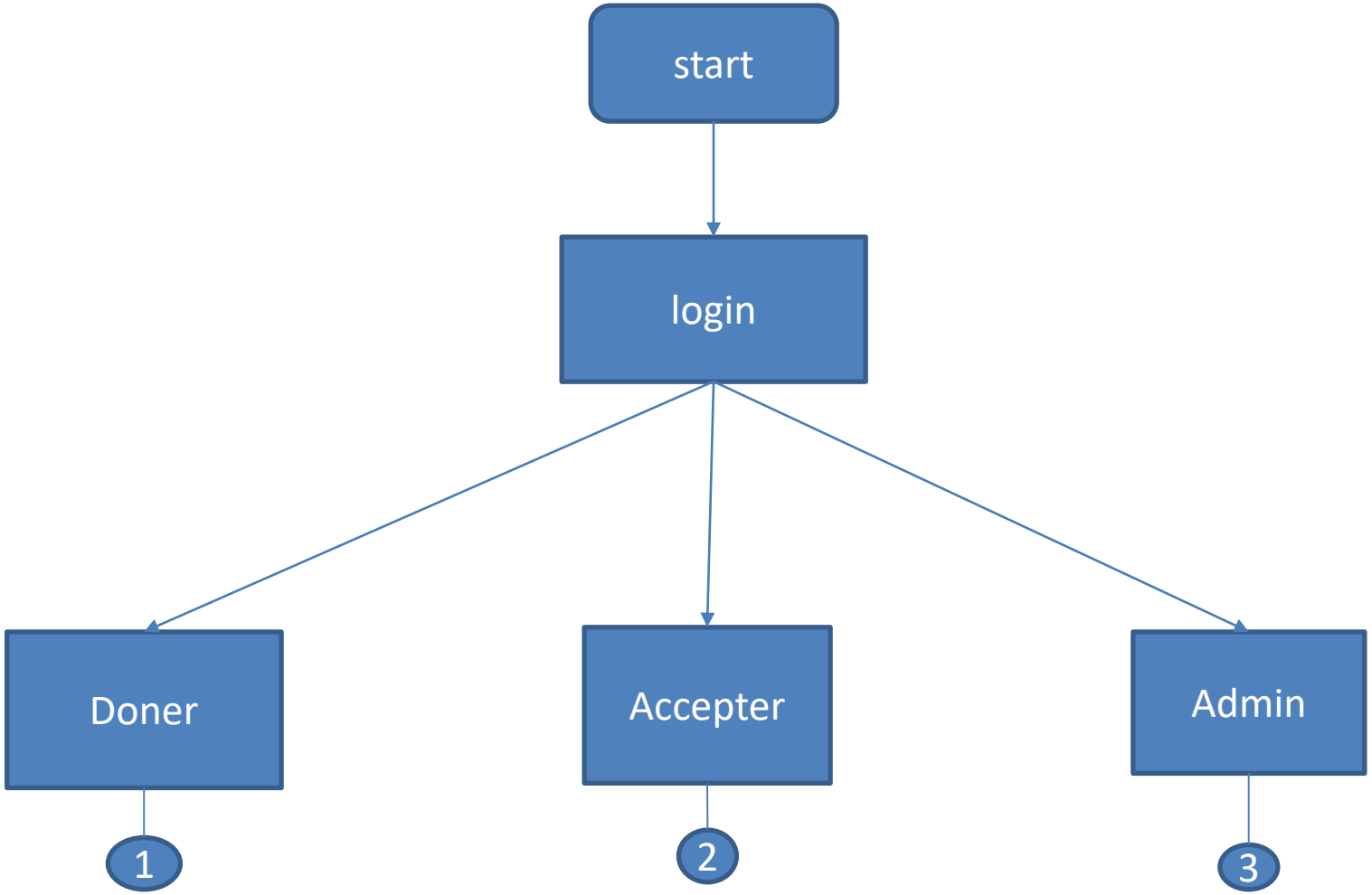
Activity Diagram



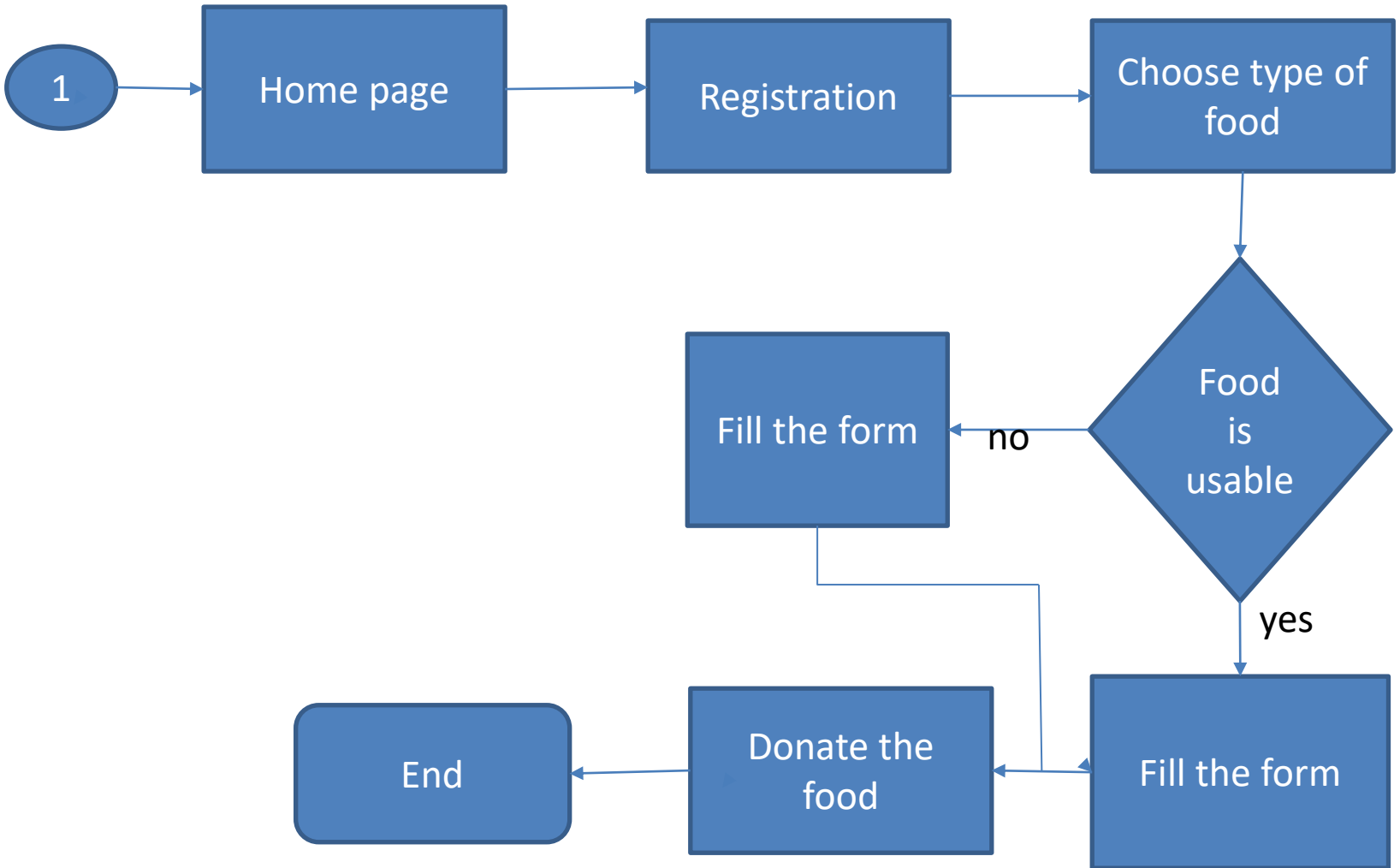

1
Home page
Registration
Choose type of food
Food is usable
no
Fill the form
yes
Fill the form
Donate the food


2
Home page
Registration
food is usable
no
Fill the form
yes
payment
Fill the form
Accept the waste

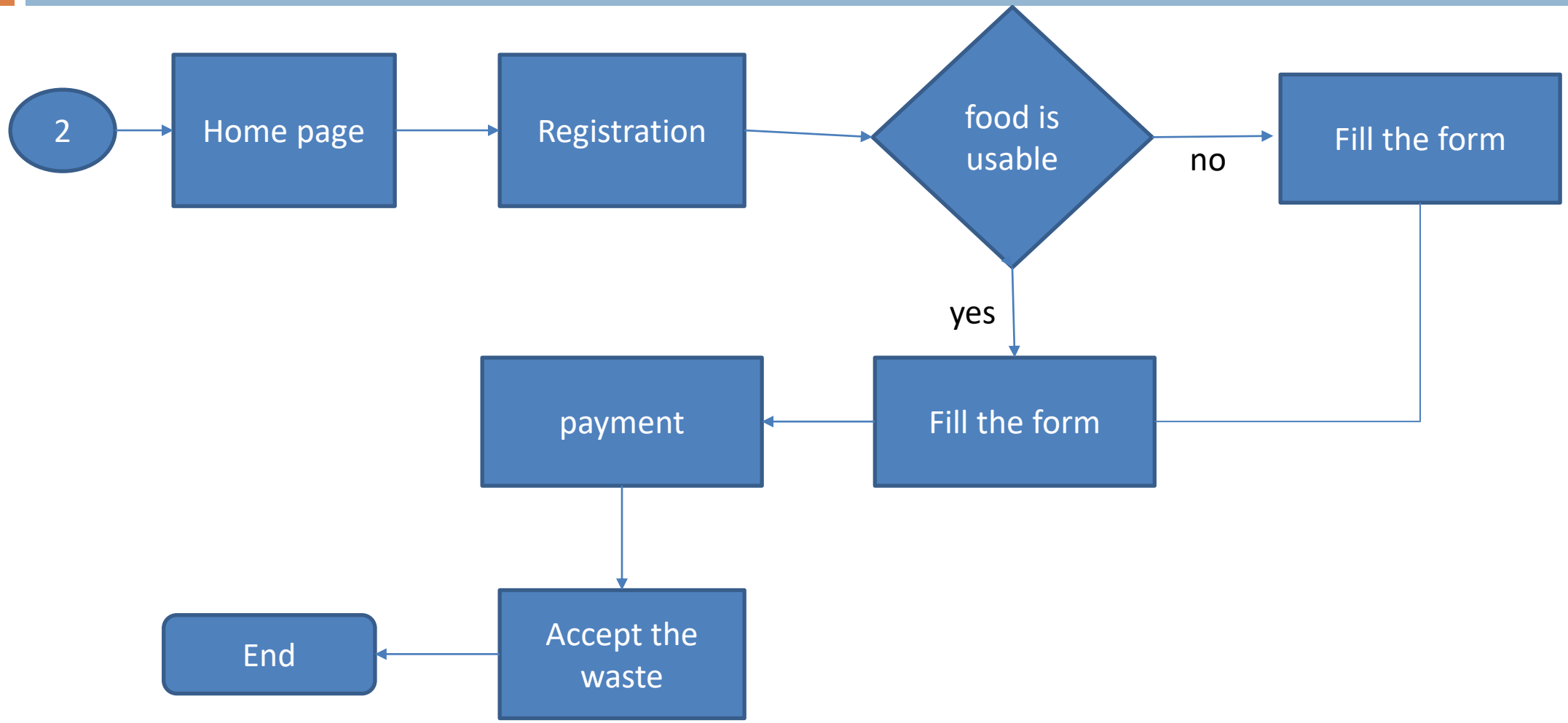
System flowchart



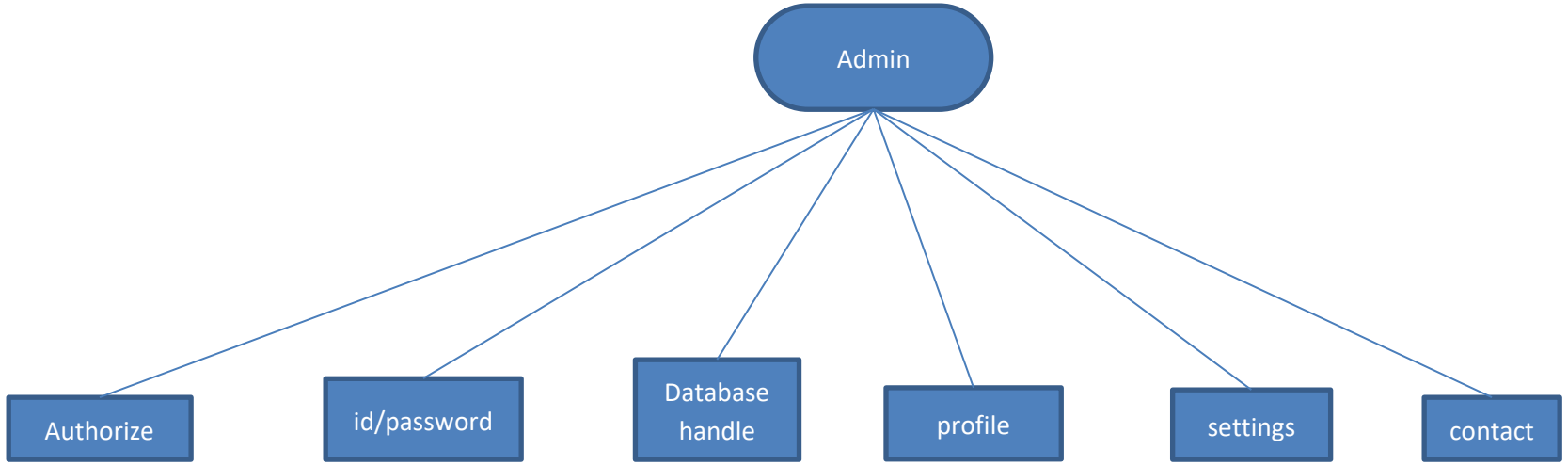
Donor flowchart



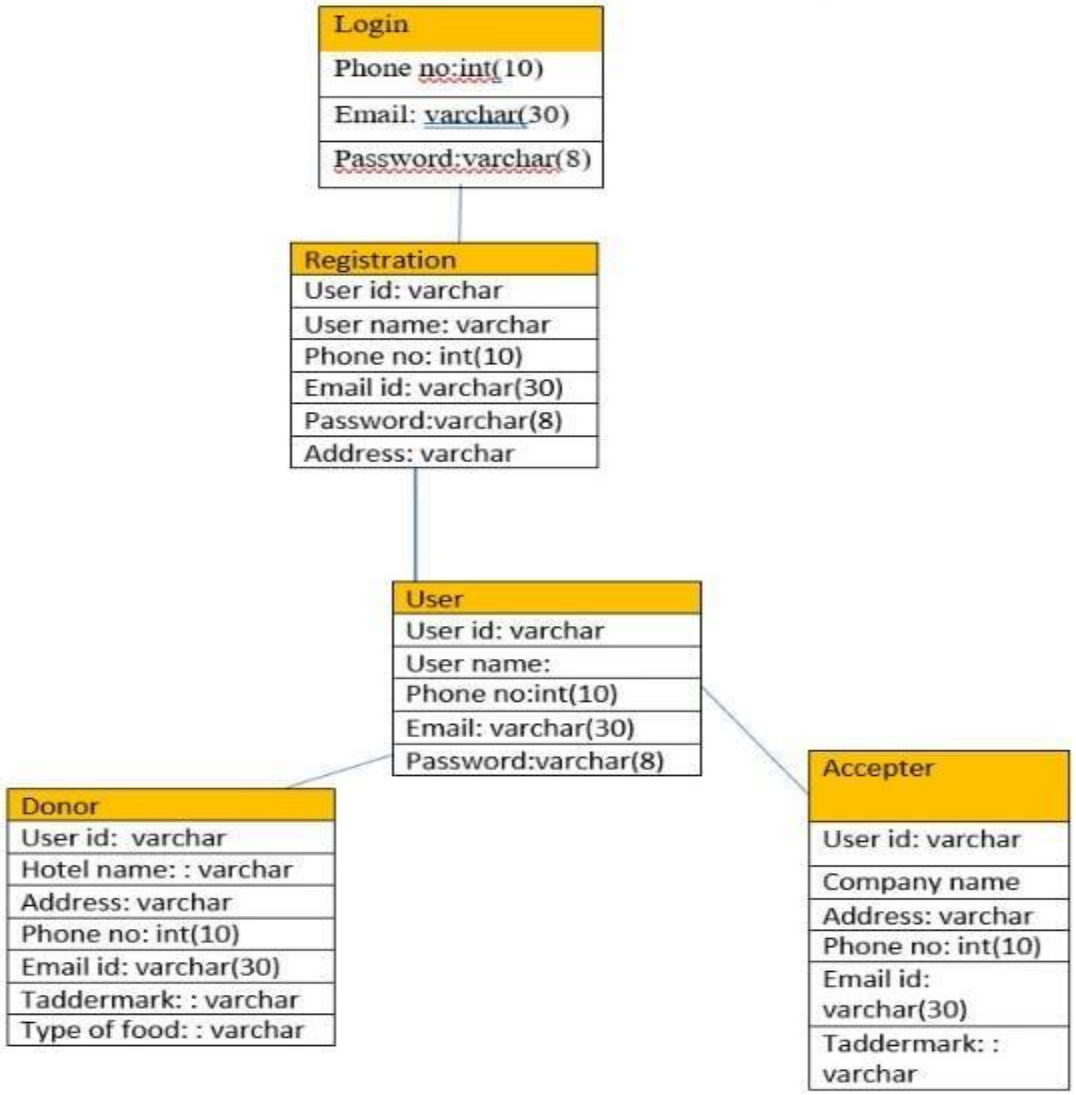
Acceptor flowchart



Admin flowchart



Class Diagram



Data Dictionary

Login			
Field name	**Data type**	**Description**	**Constraints**
Phone no.	Int(10)	User phone no	Primary key
Email id	Varchar(30)	User email id	Not null
Password	Varchar(8)	User password	Not null

User table			
Field name	**Data type**	**Description**	**Constraints**
User id	Int(8)	User id	Primary key
User name	Varchar	User full name	Not null
Phone no.	Int(10)	User phone no	Not null
Email id	Varchar(30)	User email id	Not null
Password	Varchar(8)	User password	Not null

Registration			
Field name	**Data type**	**Description**	**Constraints**
User id	Int(8)	User id	Primary key
User name	Varchar	User full name	Not null
Phone no.	Int(10)	User phone no.	Not null
Email id	Varchar(30)	User email id	Not null
Password	Varchar(8)	User password	Not null
Address	Varchar	Address of user	Not null

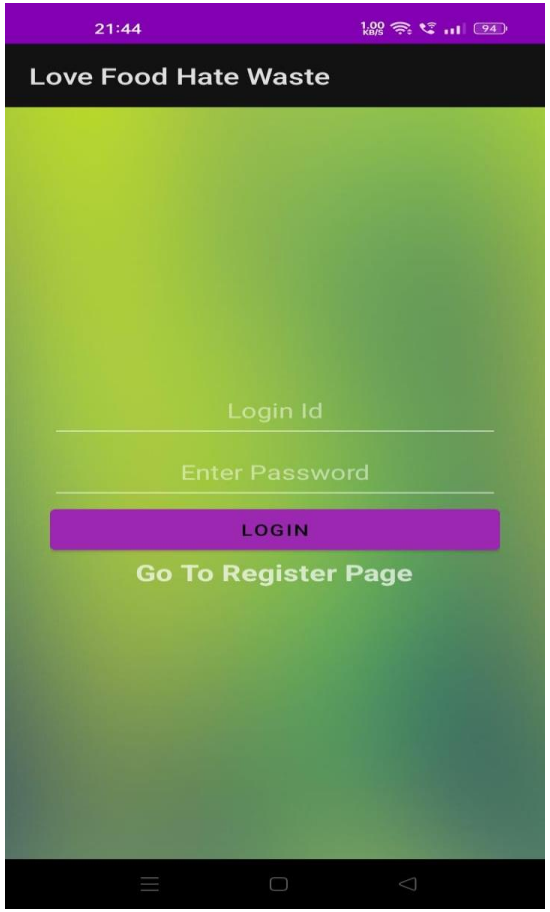
Doner Table			
Field name	**Data type**	**Description**	**Constraints**
User id	varchar	User id no	Primary key
Hotel name	Varchar	Hotel name	Not null
Address	Varchar	Address of hotel	Not null
Phone no.	Int	Phone no. of hotel	Not null
Email id	Varchar(30)	Email id of hotel	Not null
Trademark	Varchar	Mark of location	Not null
Type of food	Varchar	Usable or Unusable	Not null

Accepter Table

Field name	Data type	Description	Constraints
User id	varchar	User id	Primary key
Company name	Varchar	Hotel name	Not null
Address	Varchar	Address of hotel	Not null
Phone no.	Int	Phone no. of hotel	Not null
Email id	Varchar(30)	Email id of hotel	Not null
Trademark	Varchar	Mark of location	Not null

Implementation

Login:-



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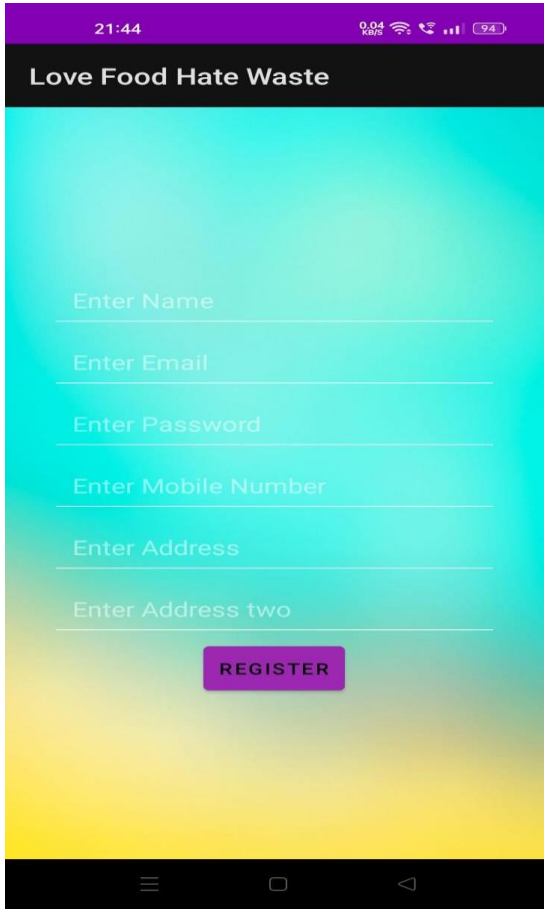
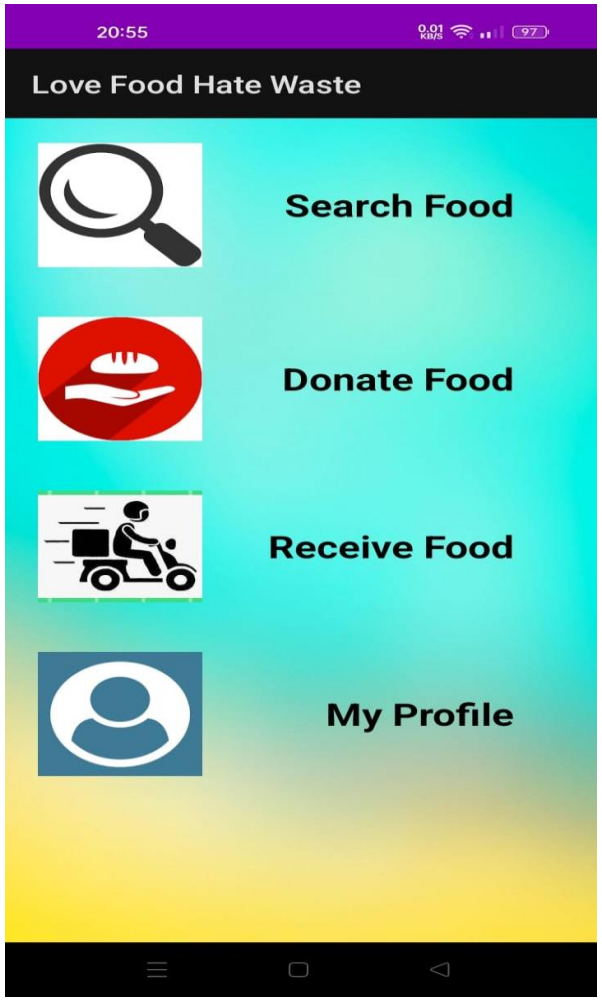
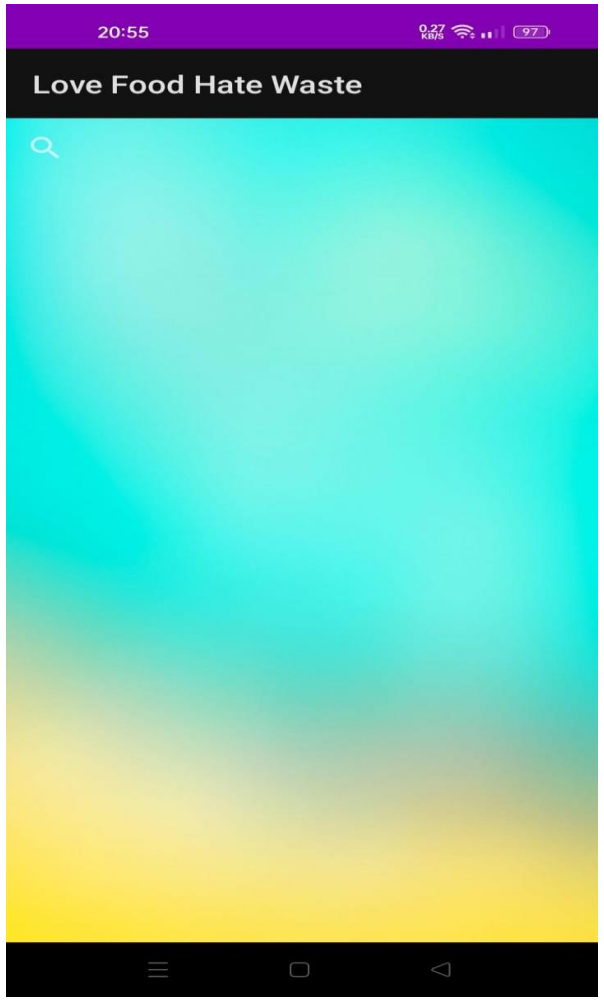


Home Page:-

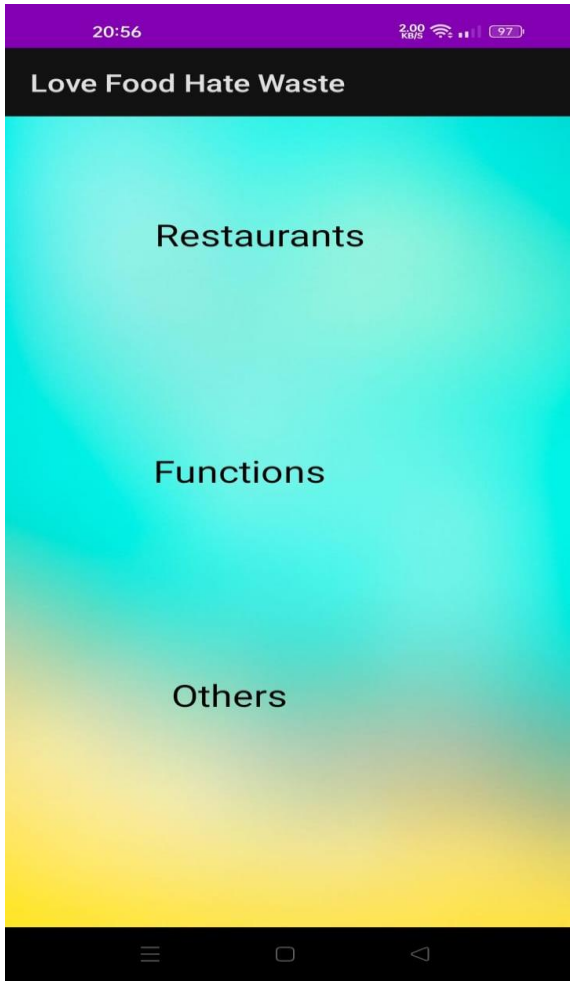


Search Food:-



Donate Food

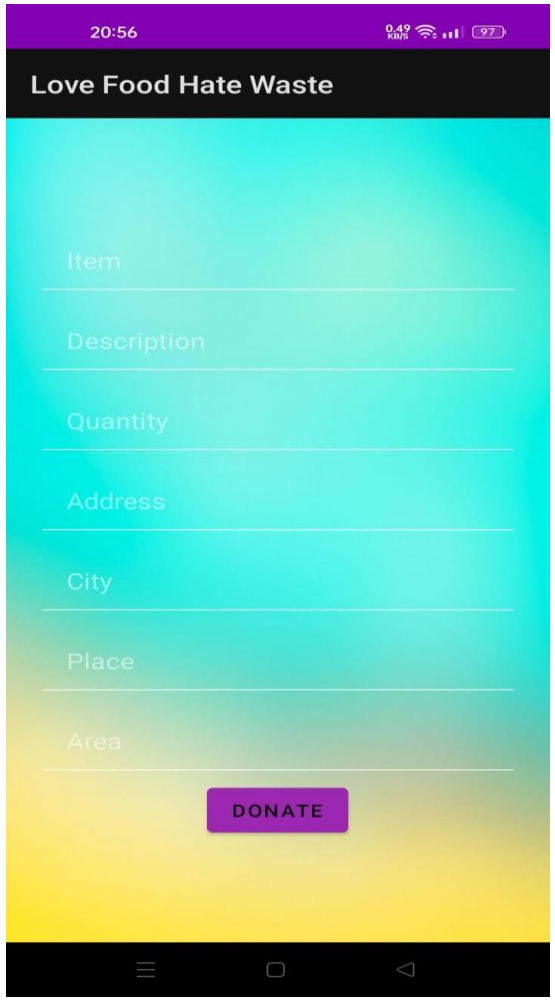
Usable Food:-



Unusable Food:-

Usable Food

Restaurants:-



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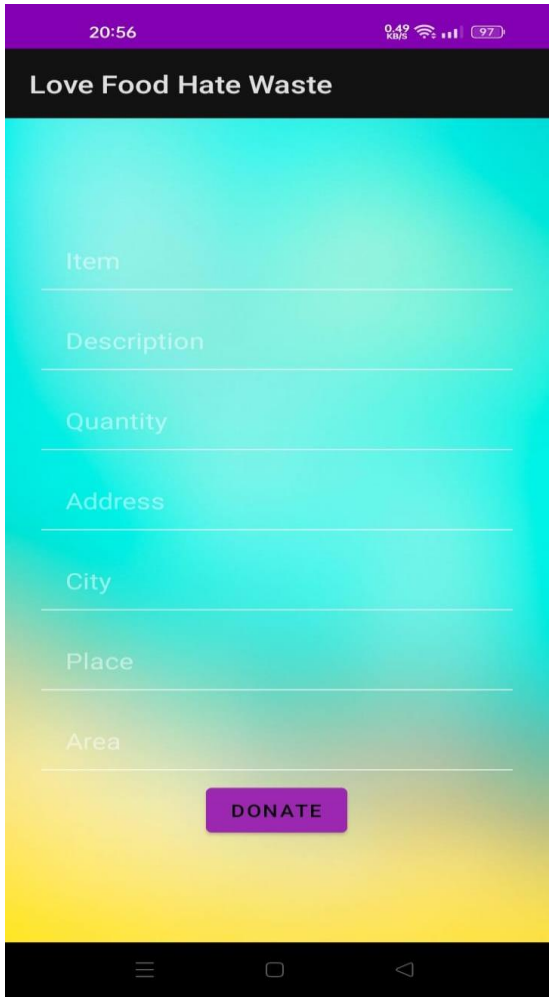
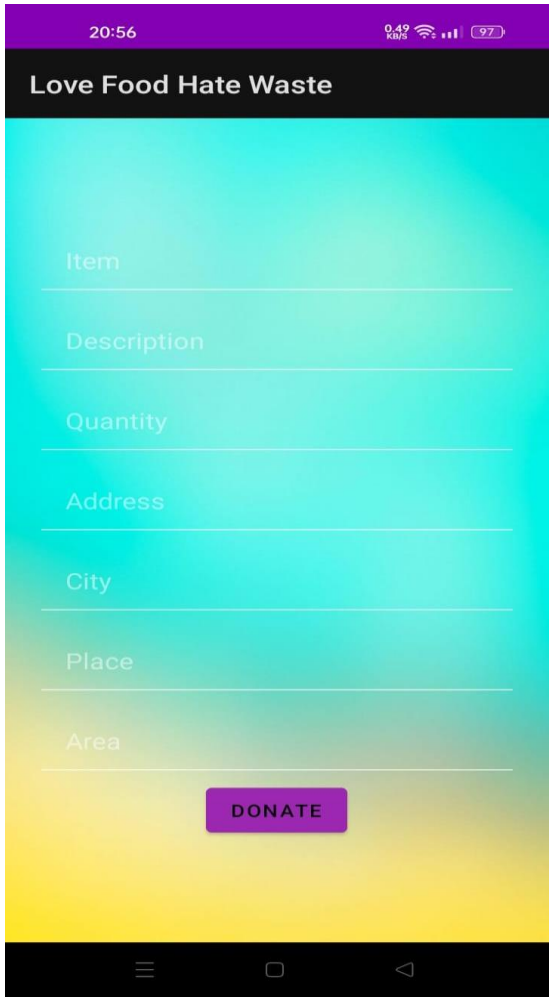
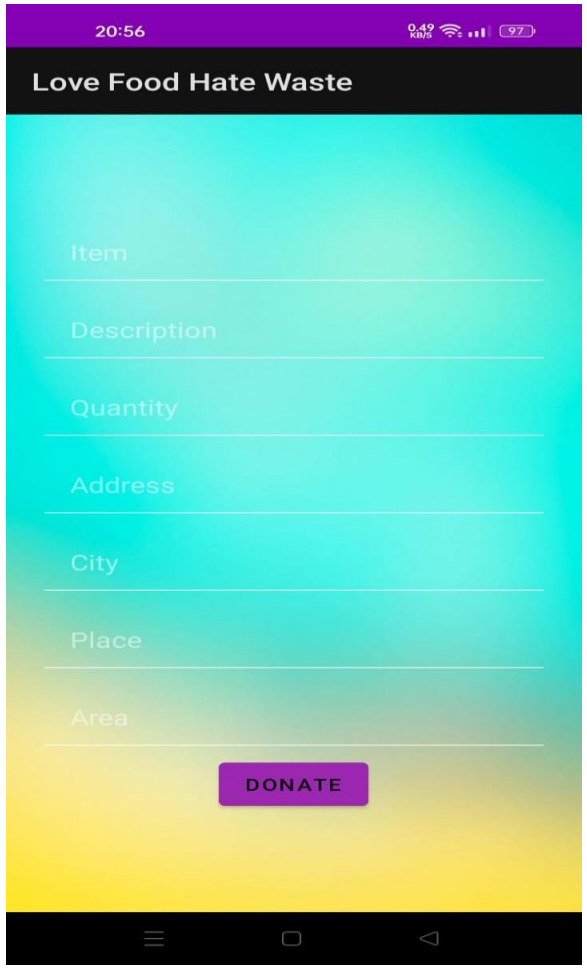


Others:-



Unusable Food

Markets:-



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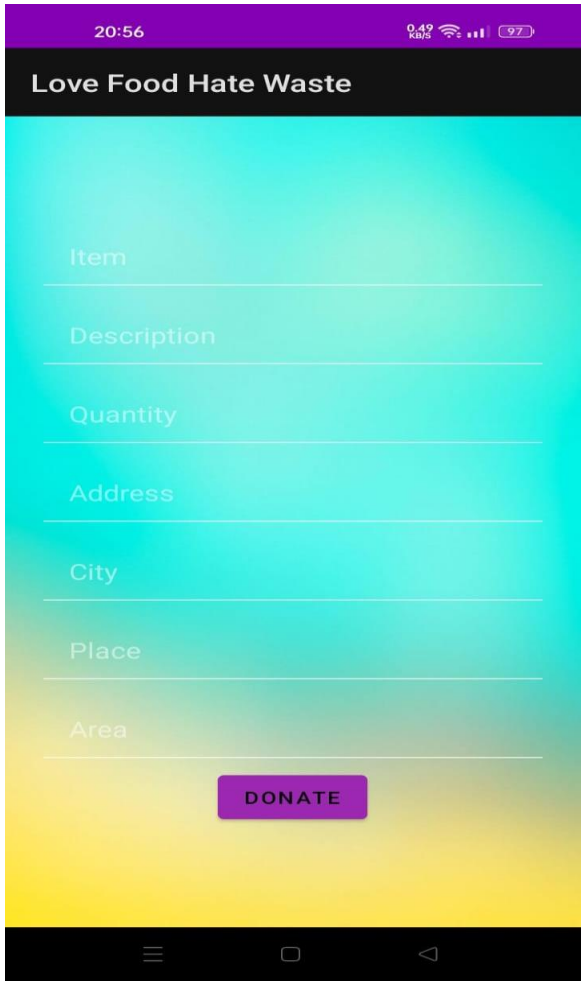
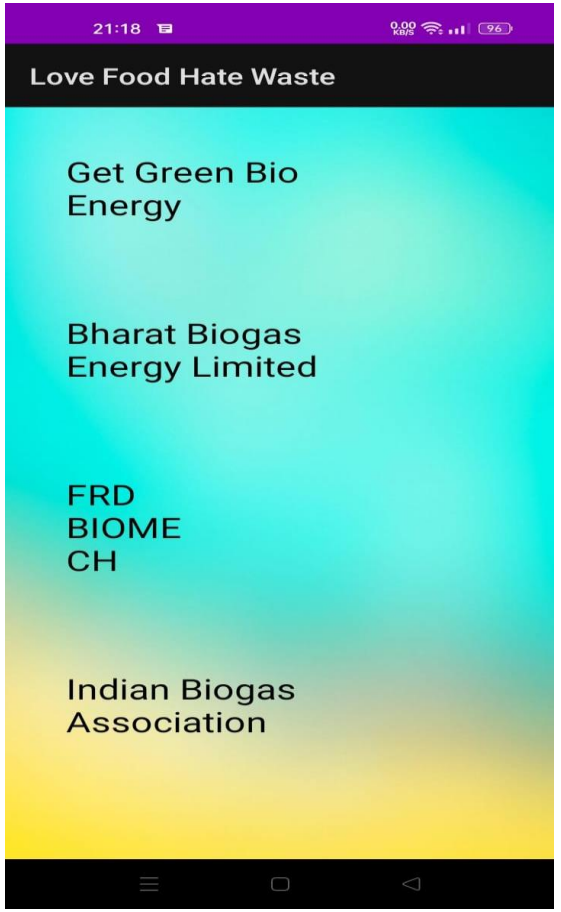


Receive Food

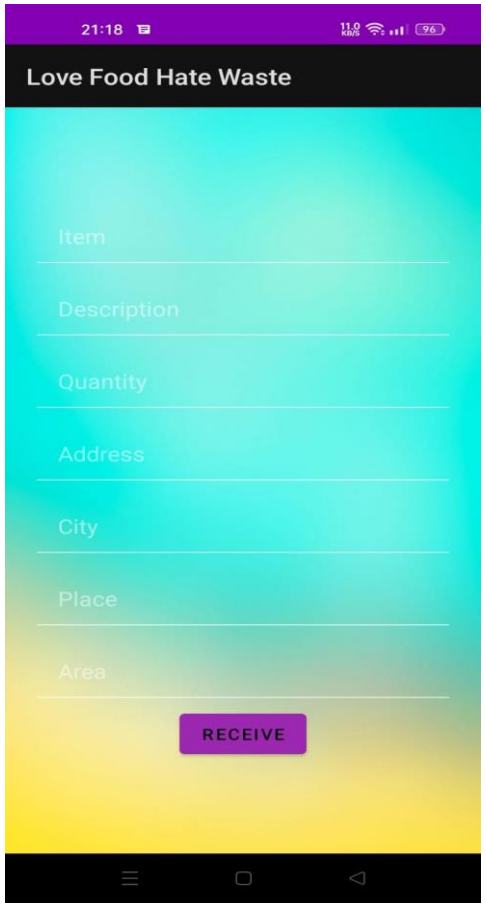
Usable Food:-

Unusable Food:-

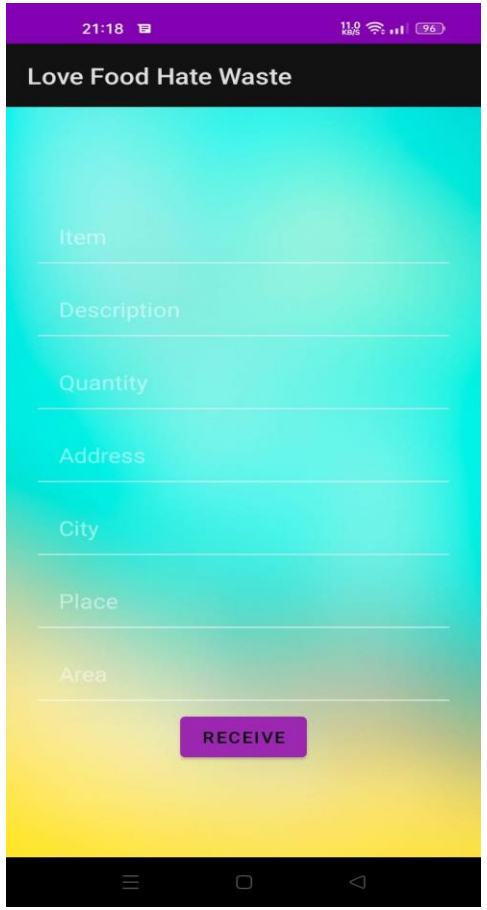


Usable Food

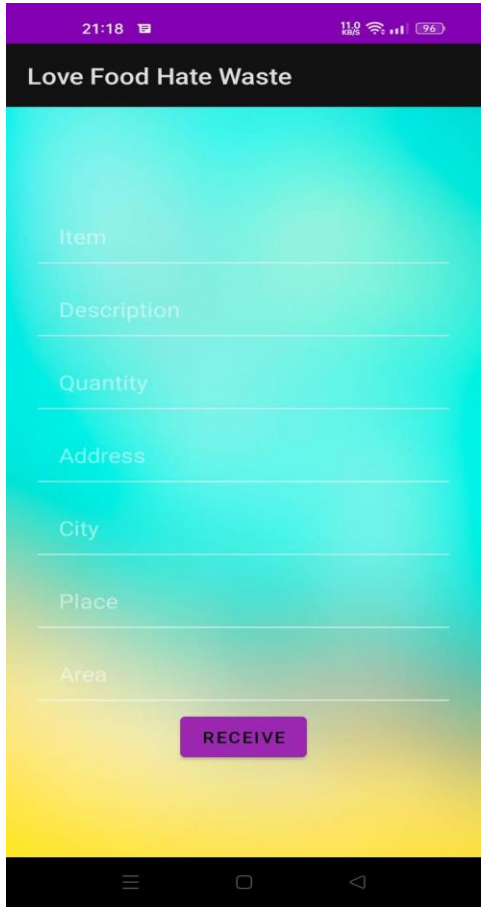
Akshay Patra Foundation:-



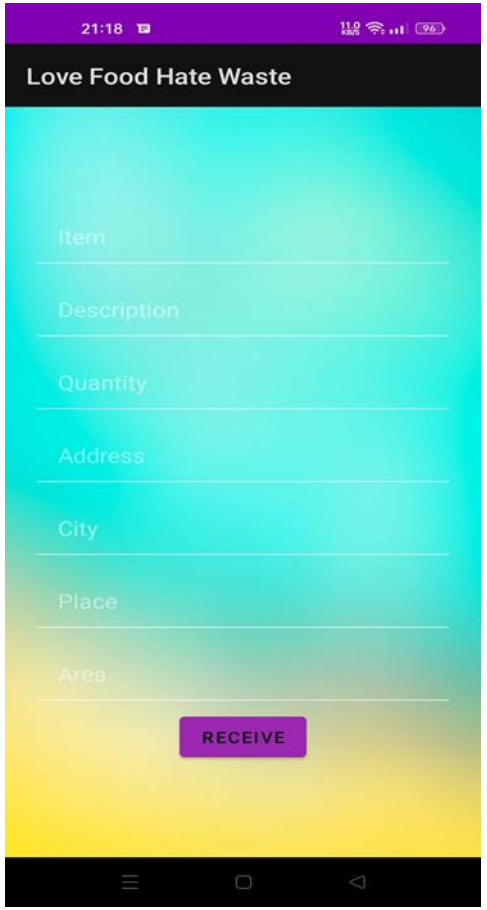
Feeding form far:-



Give India:-

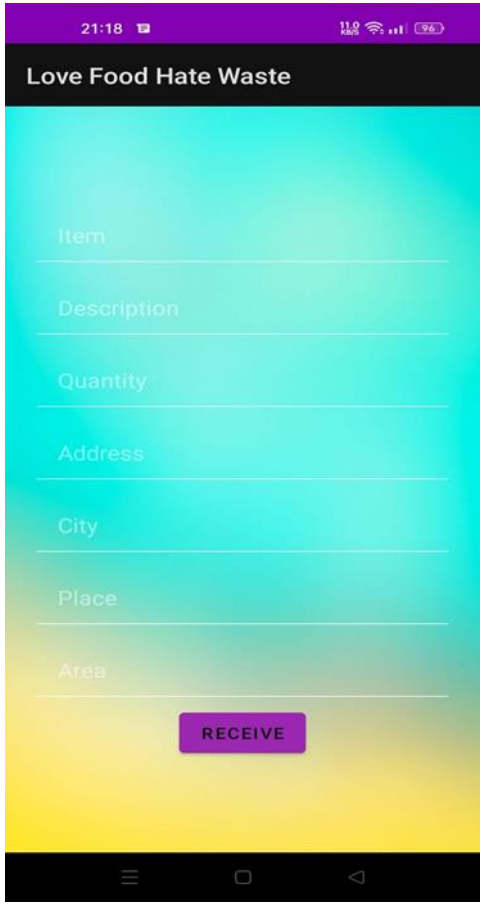


Khushiyaan Foundation:-

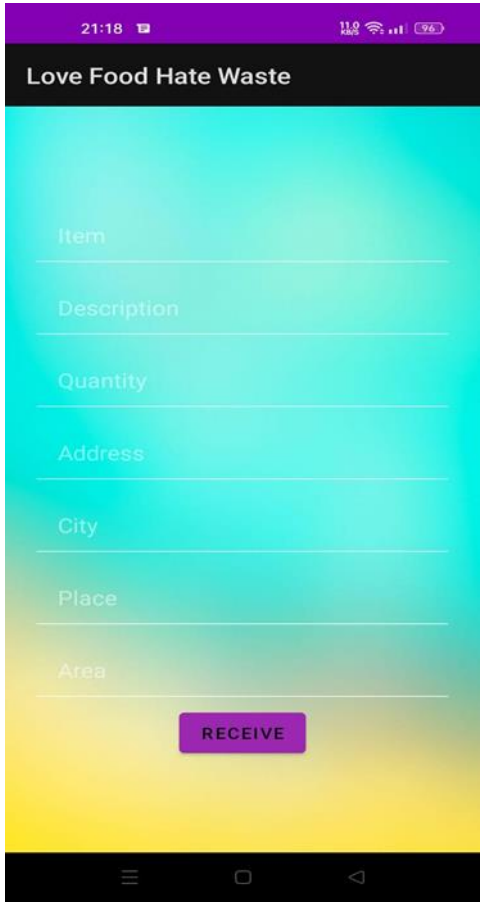


Unusable Food

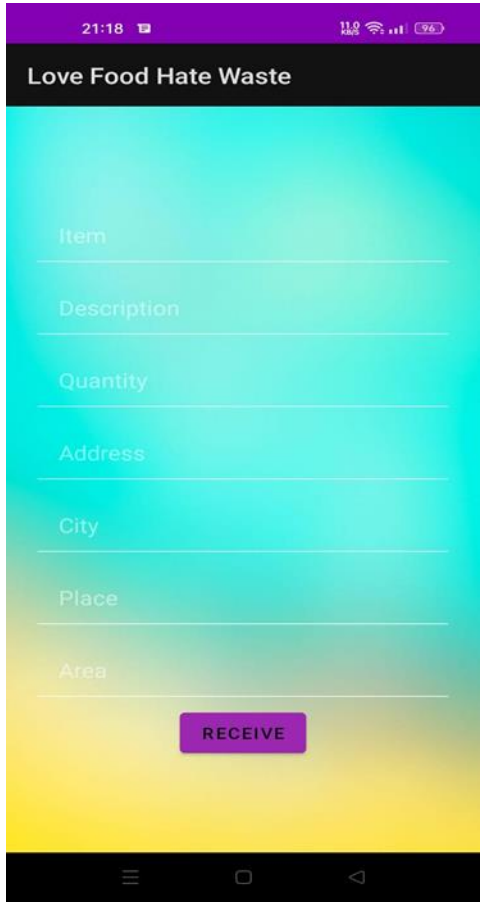
Get Green Bio Energy:-



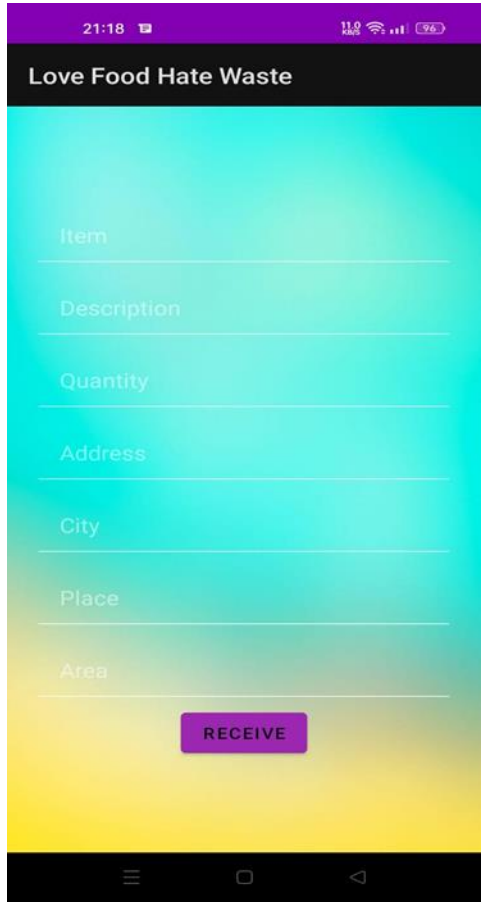
Bharat Biogas Energy Limited:-



FRD BIOMECH:-



Indian Biogas Association:-



Conclusion

We are going to develop a service called LOVE FOOD HATE WASTE which will help to the people who doesn't get food.
By the help of this application we can easily connect the doner and accepter in one application.

We can give the extra food of hotels, restaurants(extra food) to the people who doesn't get food by the help of NGOs.
Also we can give the markets spoil food to the industries for making biogas plants.

Future Scope

- In 2022, the food waste management industry is expected to be worth $62.6 billion.
- According to Future Market Insights (FMI), the total market value is estimated to reach US$ 116.4 bill by 2032, with a CAGR of 6.4 per cent for the years 2021-32.
- Waste Management in India is basically all those activities, which are required to manage waste from its beginning to the final disposal.
- Waste Management majorly includes things like the collection, transport, treatment, and the ultimate disposal of waste with a high level of monitoring and regulation.

Bibliography

- The bibliography is a summary that lists the sources utilized for completing a project guide.
- Generally, a bibliography is mentioned at the end of the content.

- https://www.w3schools.com
- https://www.lovelycoding.org/waste-food-management-system
- https://www.avristech.com/food-waste-management-in-india

Thank You