



# EPICS PROJECT



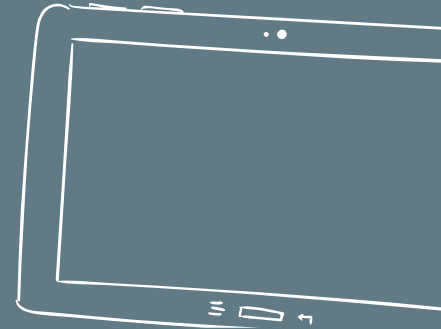
PROJECT TITLE: SERVICE TO NATION

GROUP NO: 37

PROJECT SUPERVISOR: DR. NAVNEET KUMAR VERMA

REVIEWER: DR. SIDDHARTHA MAITI

REVIEWER: DR. SARAVANAN



# TEAM MEMBERS

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# INTRODUCTION

*In our project, we are going to build a web application by which we can make use of food that is being wasted every day in different areas of our city. Our website will be oriented and designed in such a way those eatables that are wasted in households, any occasions, hotels, restaurants, etc will be collected by our volunteers and that food will be delivered to food processing units in our city, So that the food gets recycled and can be used in sectors like Agriculture, Poultry & breeding farms, etc.*



# SNAPSHOTS OF OUR WEBSITE





# PROPOSED WORK & METHODOLOGY

[Home](#)[About](#)[Our social handles](#)

## Welcome To FoodOrg

A platform through which you can get leftover processed food  
through different restaurants, wedding functions, across the country

BOOK NOW



## Welcome To FoodOrg

### Little Story

We see food waste across the world wasted in a large amount So we decided to make a service through which we can make use of this food

### What we do

We supply hygienic processed food left out in restaurants, parties, wedding functions to the people in need

Our current supplies are at homes, NGOs, orphanage, Schools and rural areas across the country

[BOOK NOW](#)

"We believe in food for all"

Team



"We believe in food for all"

Team

## FOOD

Get processed and hygienic food for your..







## ABOUT US

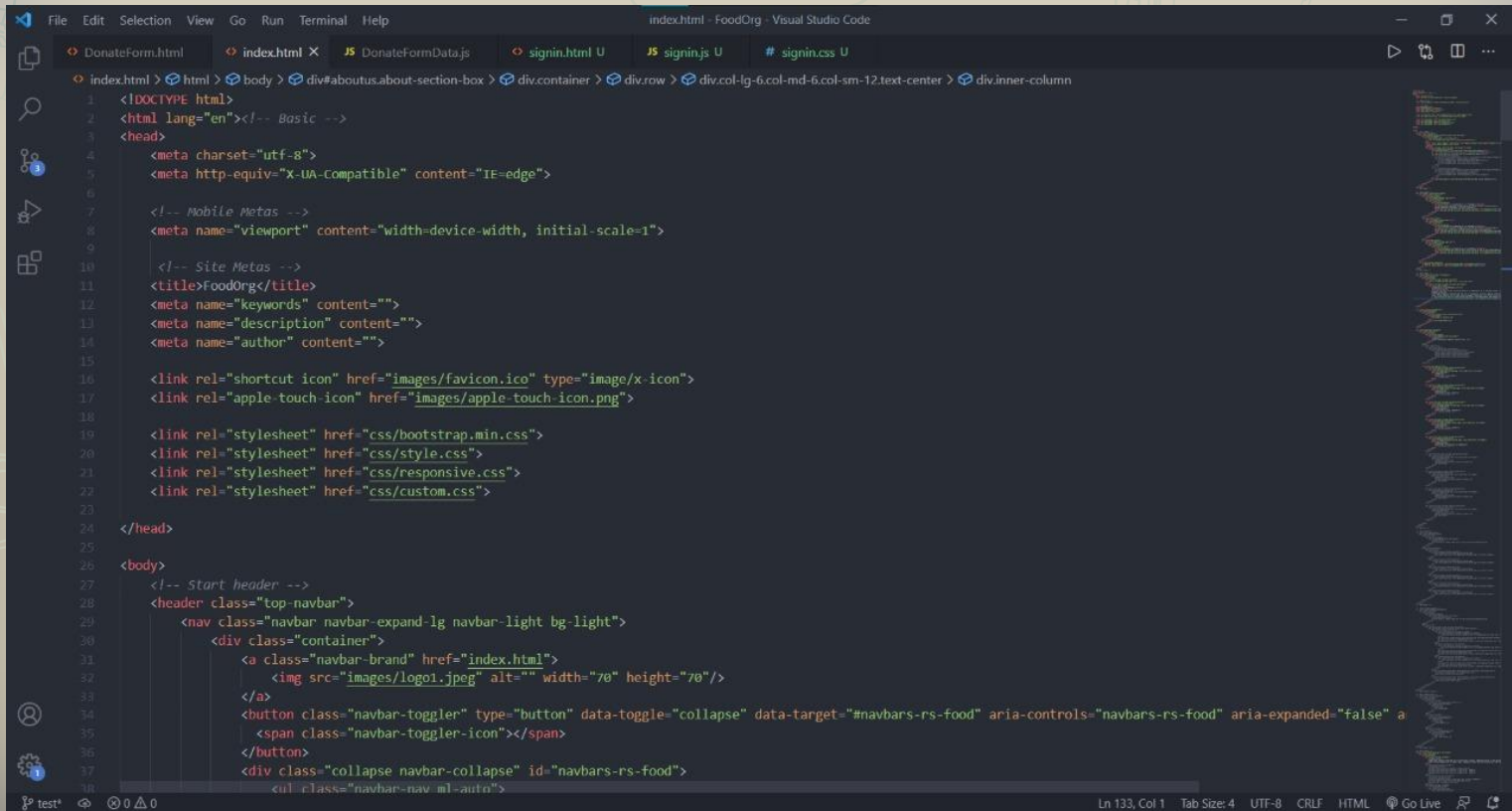


We supply hygienic food left out in restaurants, parties, wedding functions to the people in need

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# The Homepage (index.html)

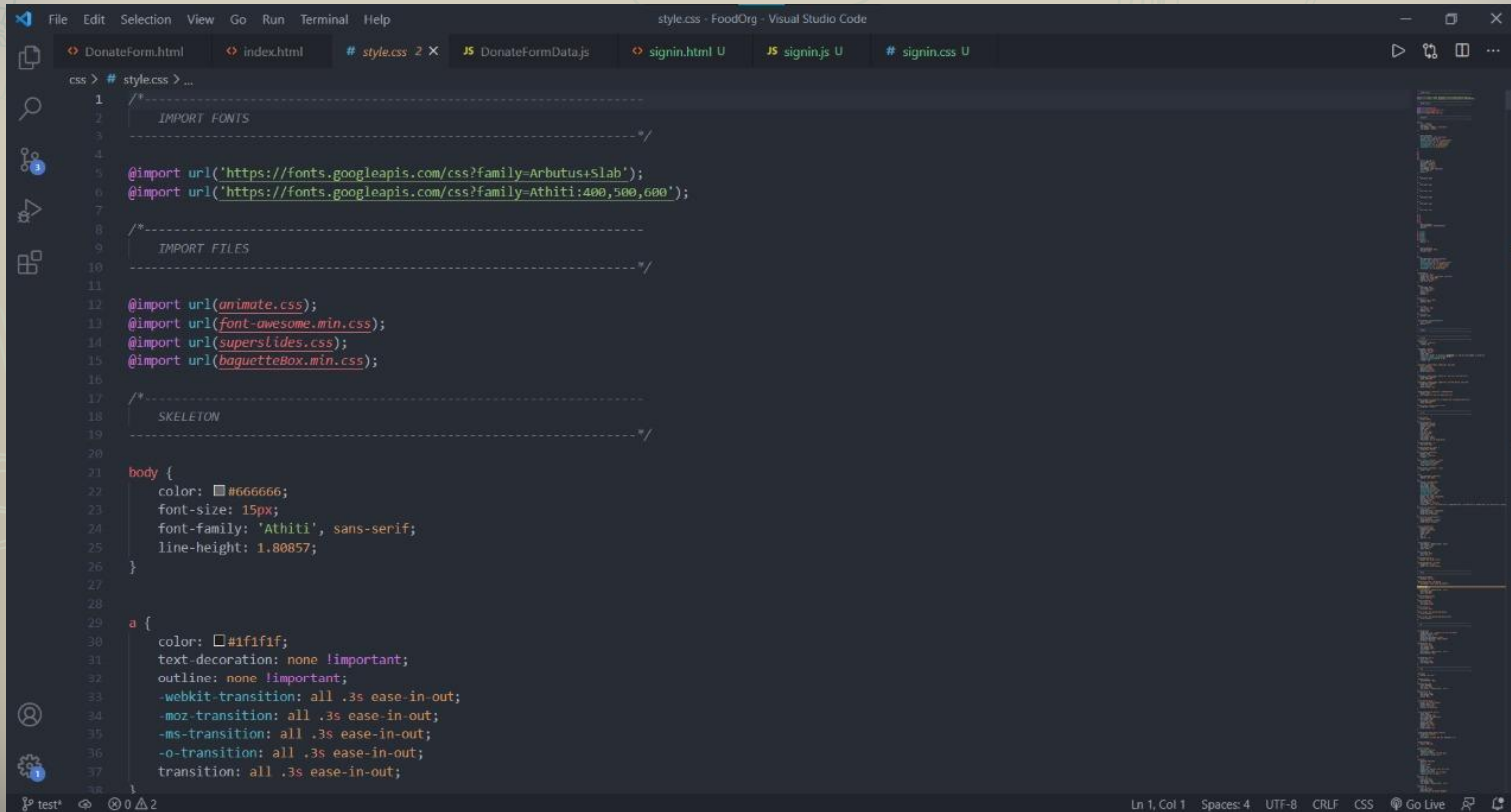


```
File Edit Selection View Go Run Terminal Help
index.html - FoodOrg - Visual Studio Code

DonateForm.html index.html X JS DonateFormData.js signin.html U JS signin.js U # signin.css U

index.html > html > body > div#aboutus.about-section-box > div.container > div.row > div.col-lg-6.col-md-6.col-sm-12.text-center > div.inner-column
1 <!DOCTYPE html>
2 <html lang="en"><!-- Basic -->
3 <head>
4   <meta charset="utf-8">
5   <meta http-equiv="X-UA-Compatible" content="IE=edge">
6
7   <!-- Mobile Metas -->
8   <meta name="viewport" content="width=device-width, initial-scale=1">
9
10  <!-- Site Metas -->
11  <title>FoodOrg</title>
12  <meta name="keywords" content="">
13  <meta name="description" content="">
14  <meta name="author" content="">
15
16  <link rel="shortcut icon" href="images/favicon.ico" type="image/x-icon">
17  <link rel="apple-touch-icon" href="images/apple-touch-icon.png">
18
19  <link rel="stylesheet" href="css/bootstrap.min.css">
20  <link rel="stylesheet" href="css/style.css">
21  <link rel="stylesheet" href="css/responsive.css">
22  <link rel="stylesheet" href="css/custom.css">
23
24 </head>
25
26 <body>
27   <!-- Start header -->
28   <header class="top-navbar">
29     <nav class="navbar navbar-expand-lg navbar-light bg-light">
30       <div class="container">
31         <a class="navbar-brand" href="index.html">
32           
33         </a>
34         <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbars-rs-food" aria-controls="navbars-rs-food" aria-expanded="false" a
35           <span class="navbar-toggler-icon"></span>
36         </button>
37         <div class="collapse navbar-collapse" id="navbars-rs-food">
38           <ul class="navbar-nav ml-auto">
```

# Designing Homepage (style.css)



```
css > # style.css > ...
1  /*-----*/
2  IMPORT FONTS
3  /*-----*/
4
5  @import url('https://fonts.googleapis.com/css?family=ArbutusSlab');
6  @import url('https://fonts.googleapis.com/css?family=Athiti:400,500,600');
7
8  /*-----*/
9  IMPORT FILES
10 /*-----*/
11
12 @import url(animate.css);
13 @import url(font-awesome.min.css);
14 @import url(superSlides.css);
15 @import url(baguetteBox.min.css);
16
17 /*-----*/
18 SKELETON
19 /*-----*/
20
21 body {
22   color: #666666;
23   font-size: 15px;
24   font-family: 'Athiti', sans-serif;
25   line-height: 1.80857;
26 }
27
28
29 a {
30   color: #1f1f1f;
31   text-decoration: none !important;
32   outline: none !important;
33   -webkit-transition: all .3s ease-in-out;
34   -moz-transition: all .3s ease-in-out;
35   -ms-transition: all .3s ease-in-out;
36   -o-transition: all .3s ease-in-out;
37   transition: all .3s ease-in-out;
38 }
```

# Authentication Page (signin.js)

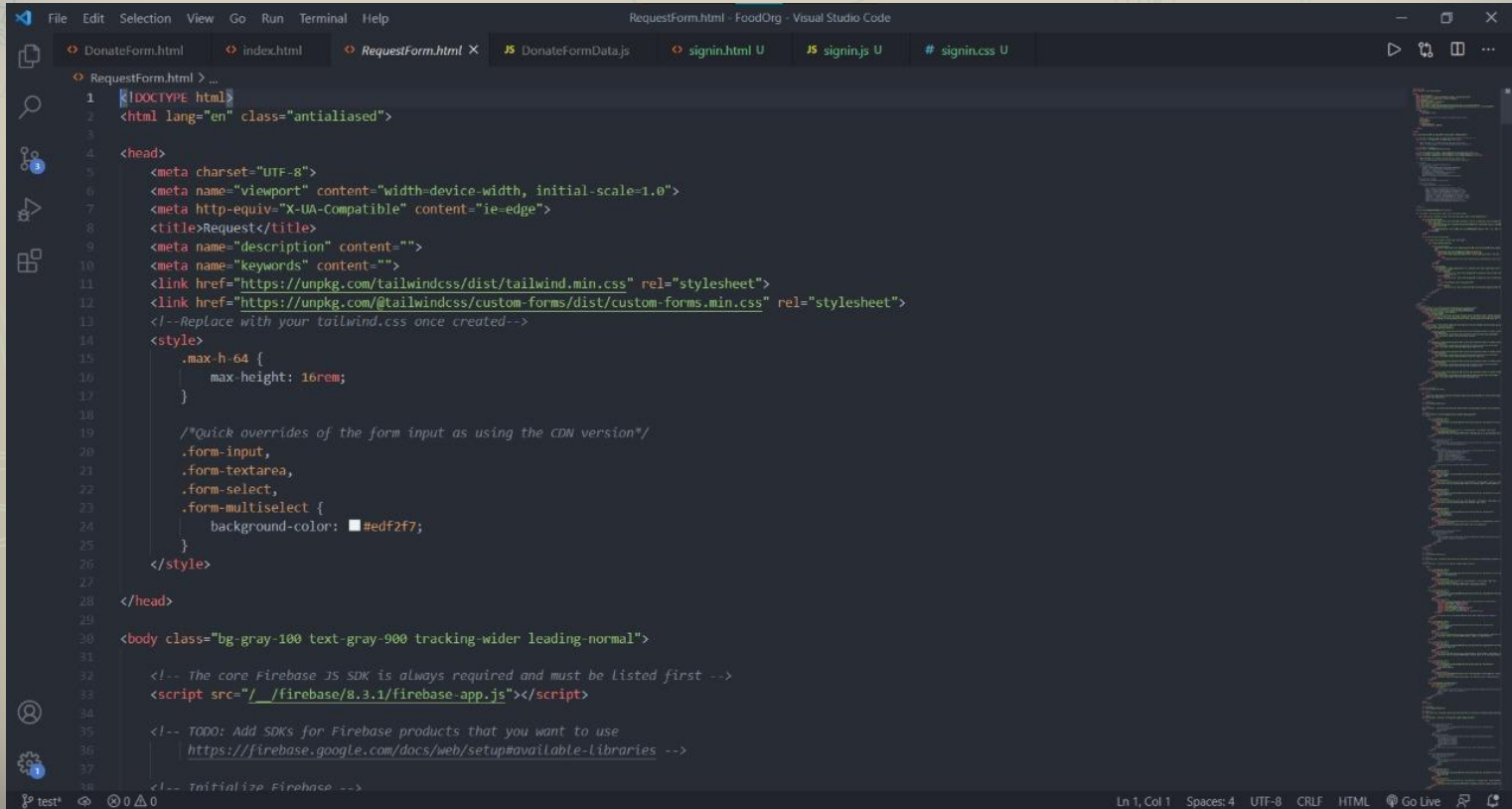
```
File Edit Selection View Go Run Terminal Help
signin.js - FoodOrg - Visual Studio Code
DonateForm.html index.html JS DonateFormData.js signin.html U JS signin.js U # signin.css U

js> JS signin.js onAuthStateChanged() callback
34 // // [END auth_signin_password]
35 // }
36
37 function signup()
38 {
39     var username = document.getElementById("new-username")
40     var email = document.getElementById("new-email");
41     var password = document.getElementById("new-pass");
42
43     firebase.auth().createUserWithEmailAndPassword(email.value, password.value)
44     .then((userCredential) => {
45         // signed in
46         var user = userCredential.user;
47         console.log(user);
48         // ...
49     })
50     .catch((error) => {
51         var errorCode = error.code;
52         var errorMessage = error.message;
53         // ..
54     });
55 }
56
57 firebase.auth().onAuthStateChanged(function(user) {
58     if (user) {
59         console.log(user.email);
60         window.location = "RequestForm.html";
61     } else {
62         // alert("Sign in to continue");
63     }
64 });
65
66 //User signin auth through email and pass
67 function signIn()
68 {
69     var email = document.getElementById("user-email");
70     var password = document.getElementById("user-pass");
71 }
```

Ln 62, Col 43 Spaces: 2 UTF-8 CRLF JavaScript Go Live

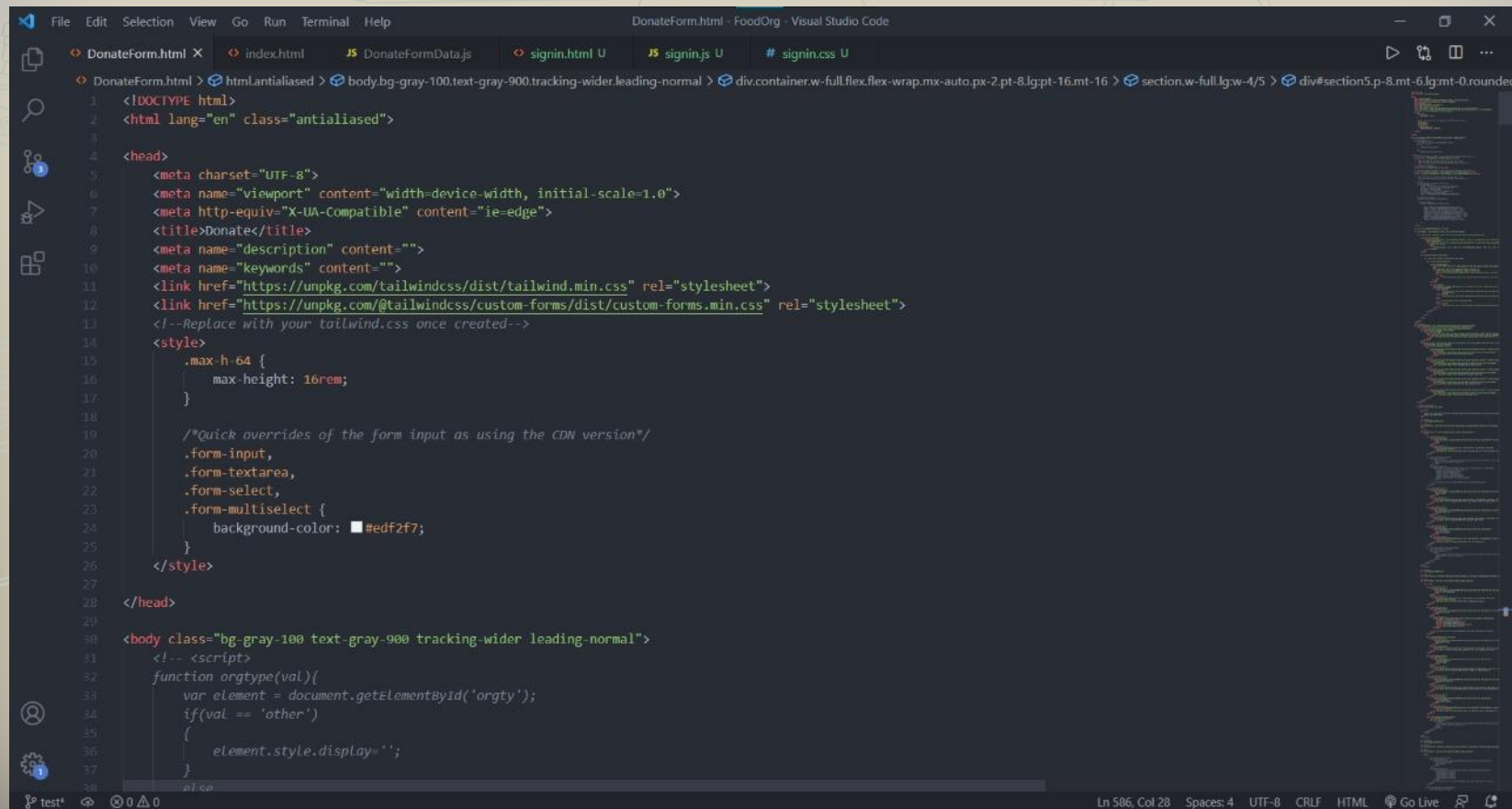


# The Donation Form (donationform.html)



```
1 <!DOCTYPE html>
2 <html lang="en" class="antialiased">
3
4 <head>
5   <meta charset="UTF-8">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <meta http-equiv="X-UA-Compatible" content="ie=edge">
8   <title>Request</title>
9   <meta name="description" content="">
10  <meta name="keywords" content="">
11  <link href="https://unpkg.com/tailwindcss/dist/tailwind.min.css" rel="stylesheet">
12  <link href="https://unpkg.com/@tailwindcss/custom-forms/dist/custom-forms.min.css" rel="stylesheet">
13  <!-- Replace with your tailwind.css once created -->
14  <style>
15    .max-h-64 {
16      max-height: 16rem;
17    }
18
19    /*Quick overrides of the form input as using the CDN version*/
20    .form-input,
21    .form-textarea,
22    .form-select,
23    .form-multiselect {
24      background-color: #edf2f7;
25    }
26  </style>
27
28 </head>
29
30 <body class="bg-gray-100 text-gray-900 tracking-wider leading-normal">
31
32  <!-- The core Firebase JS SDK is always required and must be listed first -->
33  <script src="//firebase/8.3.1/firebase-app.js"></script>
34
35  <!-- TODO: Add SDKs for Firebase products that you want to use
36       https://firebase.google.com/docs/web/setup#available-libraries -->
37
38  <!-- Initialize Firebase -->
```

# Request Form (requestform.html)



```
1 <!DOCTYPE html>
2 <html lang="en" class="antialiased">
3
4 <head>
5   <meta charset="UTF-8">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <meta http-equiv="X-UA-Compatible" content="ie=edge">
8   <title>Donate</title>
9   <meta name="description" content="">
10  <meta name="keywords" content="">
11  <link href="https://unpkg.com/tailwindcss/dist/tailwind.min.css" rel="stylesheet">
12  <link href="https://unpkg.com/@tailwindcss/custom-forms/dist/custom-forms.min.css" rel="stylesheet">
13  <!-- Replace with your tailwind.css once created -->
14  <style>
15    .max-h-64 {
16      max-height: 16rem;
17    }
18
19    /*Quick overrides of the form input as using the CDN version*/
20    .form-input,
21    .form-textarea,
22    .form-select,
23    .form-multiselect {
24      background-color: #edf2f7;
25    }
26  </style>
27
28 </head>
29
30 <body class="bg-gray-100 text-gray-900 tracking-wider leading-normal">
31  <!-- <script>
32    function orgtype(val){
33      var element = document.getElementById('orgty');
34      if(val == 'other')
35      {
36        element.style.display='';
37      }
38    }
39  </script>
40  </body>
41 </html>
```

# EXISTING WORK WITH LIMITATIONS

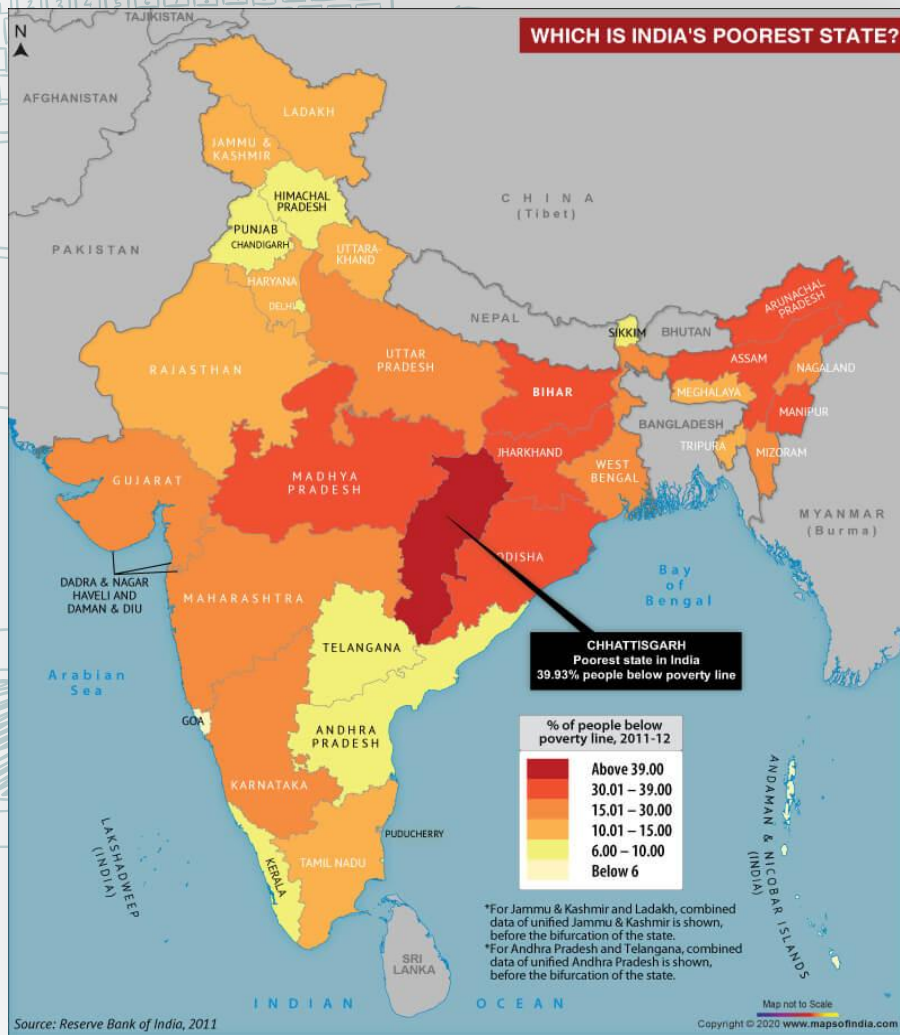
*An organization called The Robin Hood Army which mainly focuses on serving the poor people all over the world is doing a charity towards our nation by collecting the extra made food from different places and delivering those to the poor people all around us.*



# LIMITATIONS

- *The food which they collect is only collected from restaurants from the localities where robin family is present.*
- *According to the Poverty rate study, UP, Chhattisgarh comes to be those cities which are suffering most from poverty and hunger, but they have originated their organization in Delhi and subsequently went through different metropolitan cities like Hyderabad, Bangalore, Goa etc where the poverty rate is very less as compared to others.*



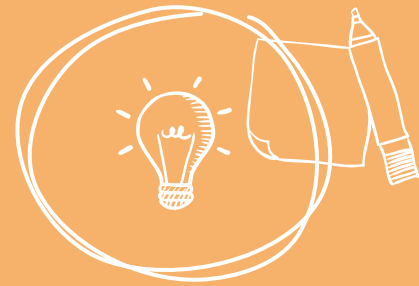


- *They started their campaign since 2012 with robin volunteers of 2,300 and its being 2021 they have gathered very less robins all over the world and they have covered less cities.*
- *As we know hunger & poverty kills more people than any disease per year the amount of volunteers is very less compared to their journey.*



# NOVELTY OF THE PROJECT


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*We will collect food from different sources like Hotels, Restaurants, Households, Family occasions etc.*



*Our target will be most hunger stricken regions like Chhattisgarh, Madhya Pradesh, Uttar Pradesh etc.*



*Our project will be based on serving the poor and hungry people and also the food that is not consumable will be sent to Food Processing units for recycling and proper waste management.*



*On our web application, we will be awaring people with the consequences of wasting food and how to stop or minimise wasting will be shown.*

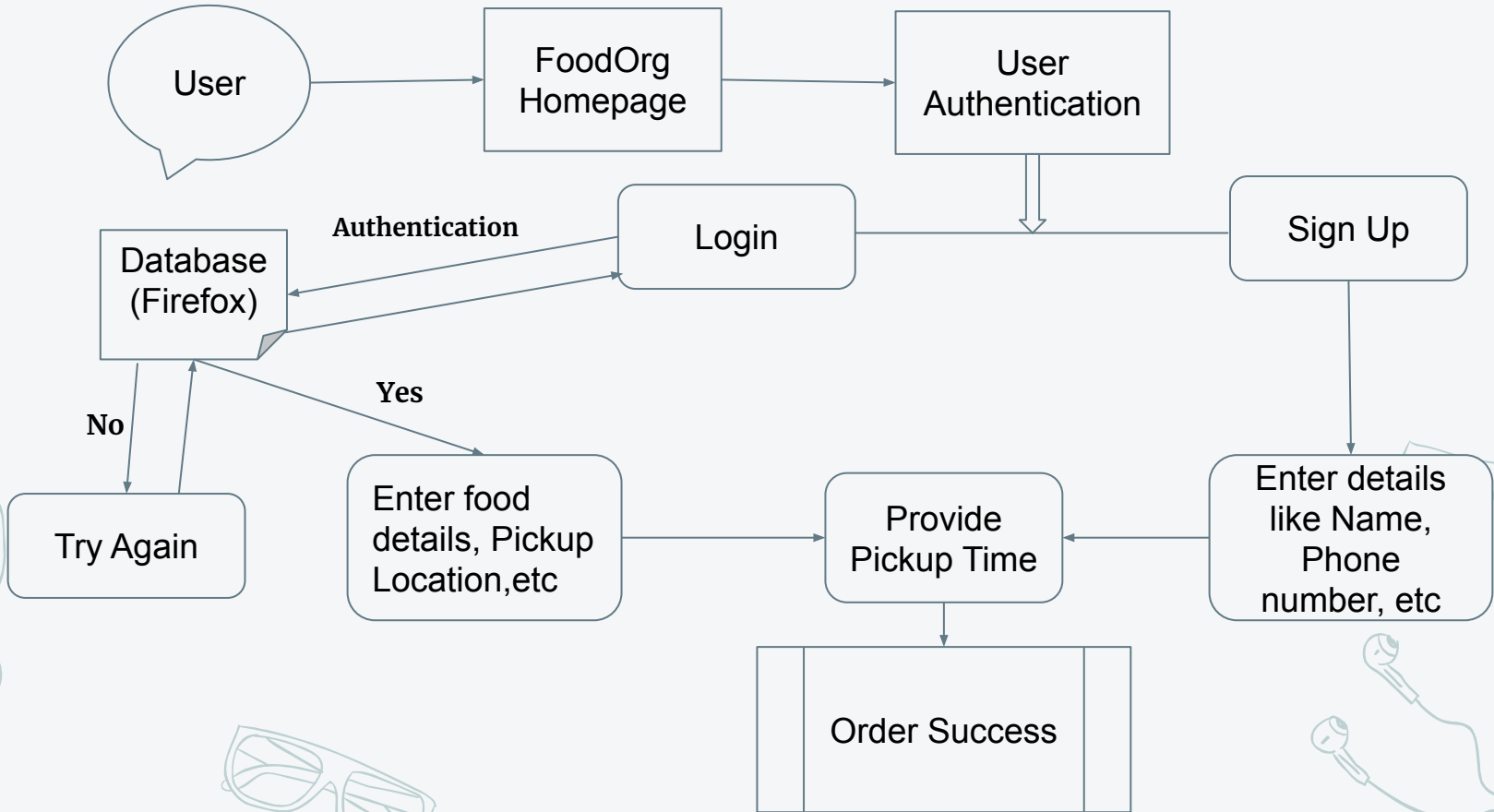


# HARDWARE & SOFTWARE REQUIREMENTS

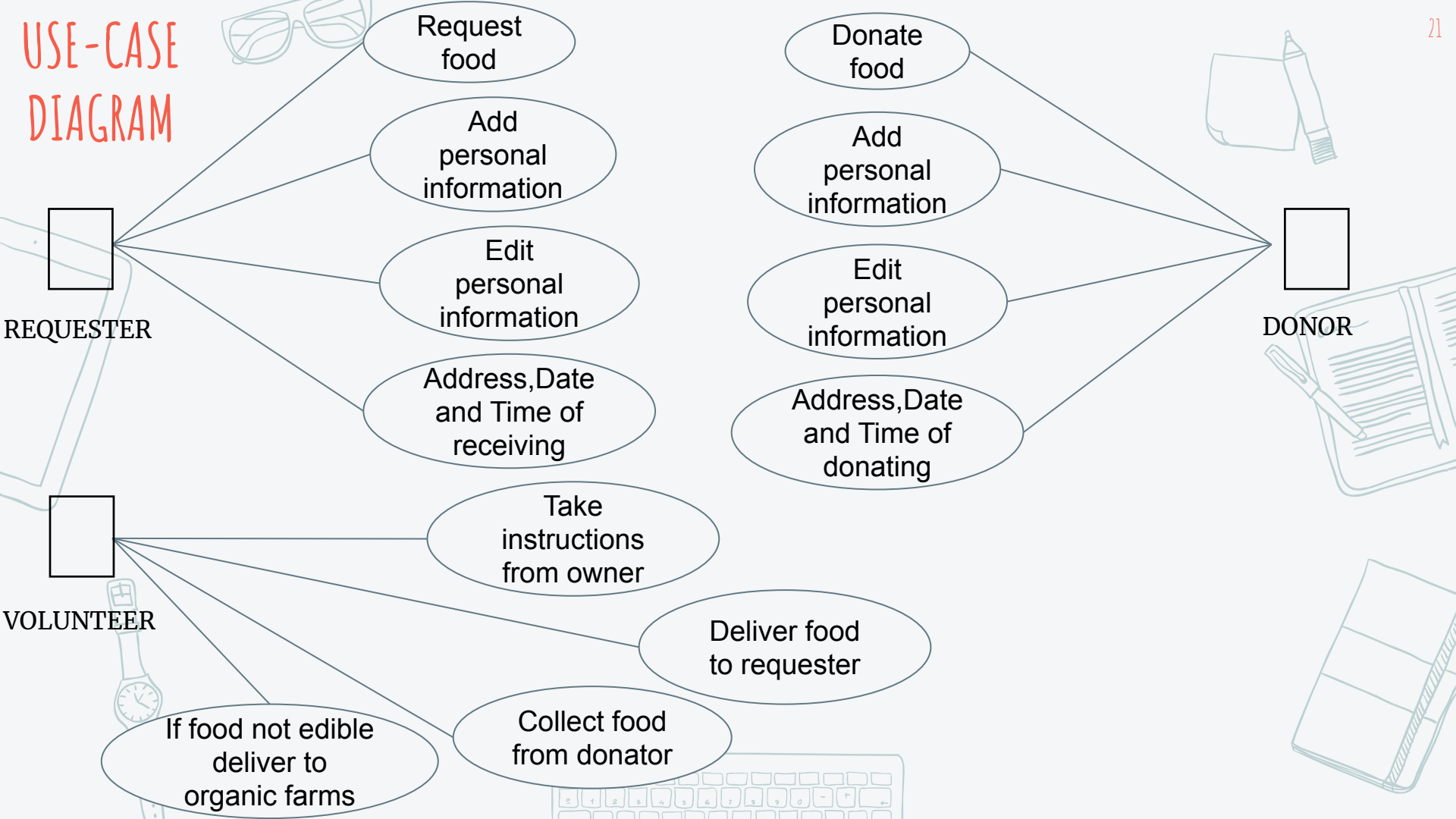
1. *Software used : Visual Studio Code*
2. *Programming languages : HTML, CSS and JAVASCRIPT*
3. *Hardware : No as such hardware required as we are using Windows 10 Operating System*

*Other than this, we used some stock images for our preparation of web application.*

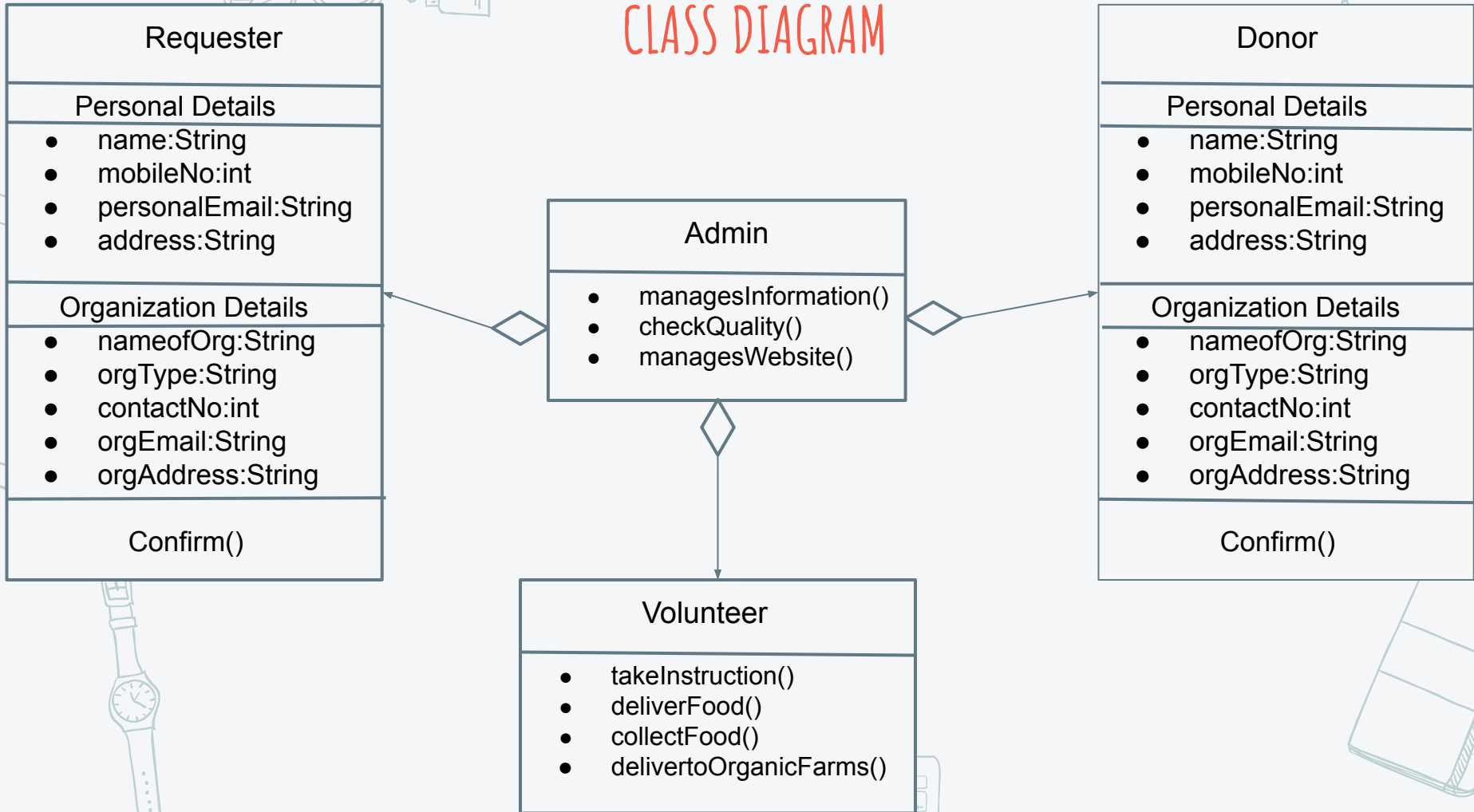
# SYSTEM ARCHITECTURE





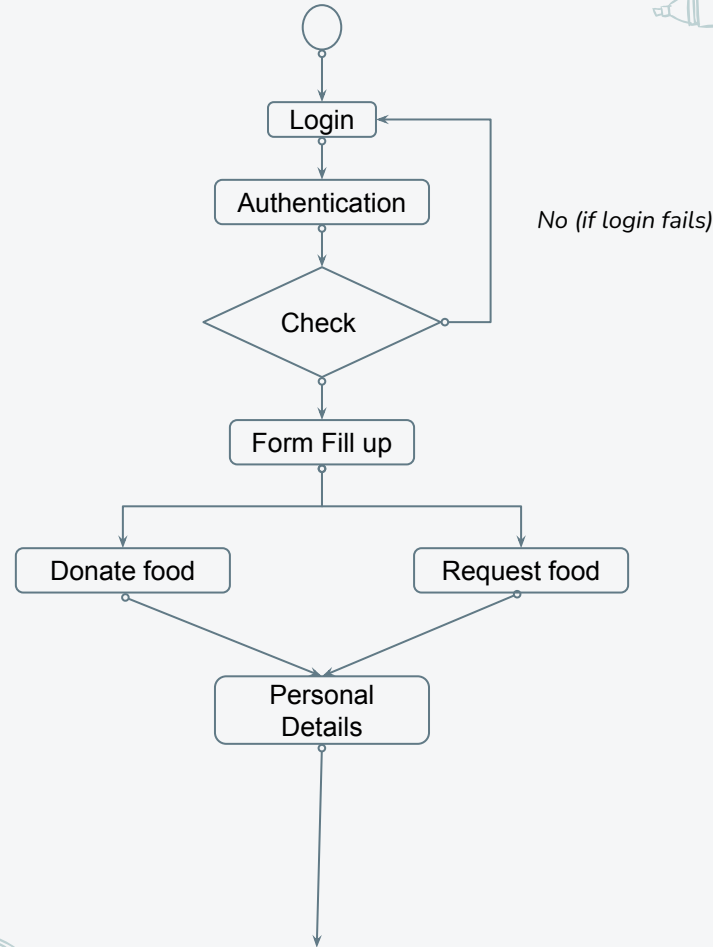


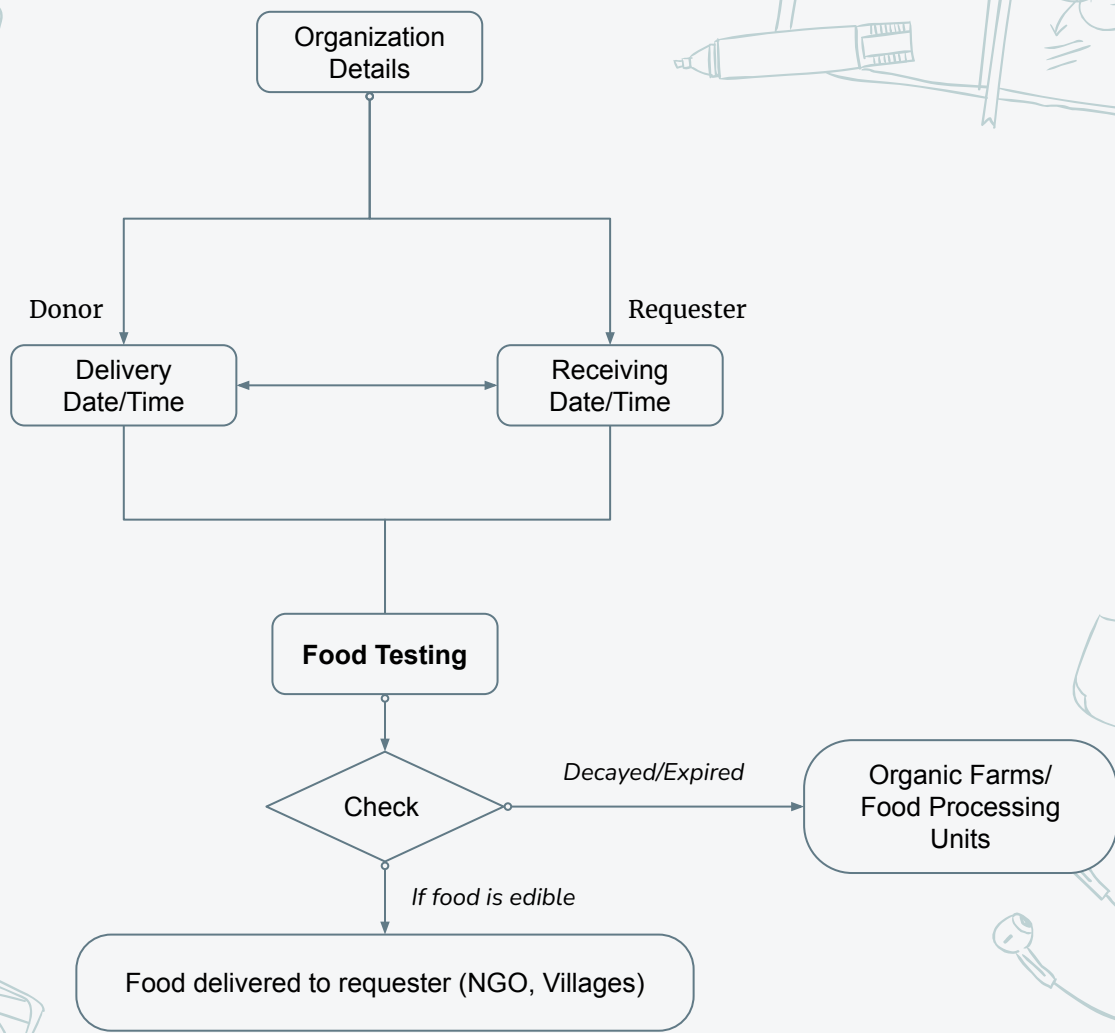
# CLASS DIAGRAM



# ACTIVITY DIAGRAM

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## LITERATURE REVIEW

By our project we tried to go a step forward to make our country hunger free, by using Internet, technology & human intellectuality at an equal pace.

People who are hungry or any organization who is trying to feed the poor & the helpless souls of our nation, we tried to engage them by giving them a platform to work together by which we can feed them and side by side we will try to prevent wastage of food and make assurity that proper food utilization takes place at the best of our knowledge and we try to prevent food wastage. For doing this, we created the website where we can see both the sides of a page i.e the Excess food & the waste of food.

Our project will help those people who don't want to throw food on garbage at a large scale but proper utilising them it can be feeded to the needy one's

**Our main target is to serve our nation in an unique way!**

# REAL TIME USAGE

We tried to keep few real time usages like

- ❑ We have kept our website easy to use to prevent complexities so that everyone can easily approach us (10+ category)
- ❑ User who want food at an instant can get if we have food available in our system anywhere within the given delivery address
- ❑ If any user is not at the registered delivery address, then our delivery executive will call the requester & then our delivery executive will deliver to the self favourable location

*\*\*\* when we successfully make our platform open for all, we will give the real time location based updates via google maps, which will be a game changer update for our website*

# MODULE RELATED DESCRIPTION

- **Module 1** (Introduction)

- A. *Basic view of website.*

- B. *General information about Website and Organization of FoodOrg.*

- C. *Added social media handles.*

- **Module 2** (Form Initiations)

- A. *Filling the form*

- B. *Giving information regarding area from where food need to be picked.*

- C. *Giving food related informations (like quality and quantity).*



## MODULE DESCRIPTION (CONTINUED....)

- **Module 3** (Backend)

- A. *Connecting through firebase service.*
- B. *Storing and managing data of donors and requesters.*
- C. *Improving website Cyber Security (work in progress).*

- **Module 4** (User Authentication & Verification)

- A. *Implementing user login and sign up or work as Guest.*
- B. *Successful registration message of either donation/ordering to user.*
- C. *Hosting website in firebase.*

# IMPLEMENTATION & CODING

*Our Website:*

<https://shivangkansal.github.io/FoodOrg/>

*Our Code:*

<https://github.com/SHIVANGKANSAL/EPICS-Project-FoodOrg.git>



# FUTURE ASPECTS

1. Giving feedback from our end to user after complete registration for either ordering food or donating food
2. If we get a good response we shall try to get an smartphone app for our idea
3. We will purchase our own domain depending on the user input
4. Create AWS cloud service for large data handling

## REFERENCES

- A. <https://robinhoodarmy.com/>
- B. [GLOBAL FOOD WASTE MANAGEMENT:](#)
- C. [Food Waste Reduction](#)
- D. <https://foodtank.com/news/2015/01/inspiring-initiatives-working-to-reduce-food-waste-around-the-world/>
- E. <https://www.recyclenow.com/recycling-knowledge/how-is-it-recycled/food-waste>

# CONCLUSION

*We want INDIA to be poverty free and as technology is advancing, we want to serve our nation by practicing proper waste management skills and do not want anybody to sleep empty stomach at night.*

*Advancement in technology will create opportunities for us & we will try our level best to defeat poverty and make INDIA hunger free!*



# JAI HIND!

