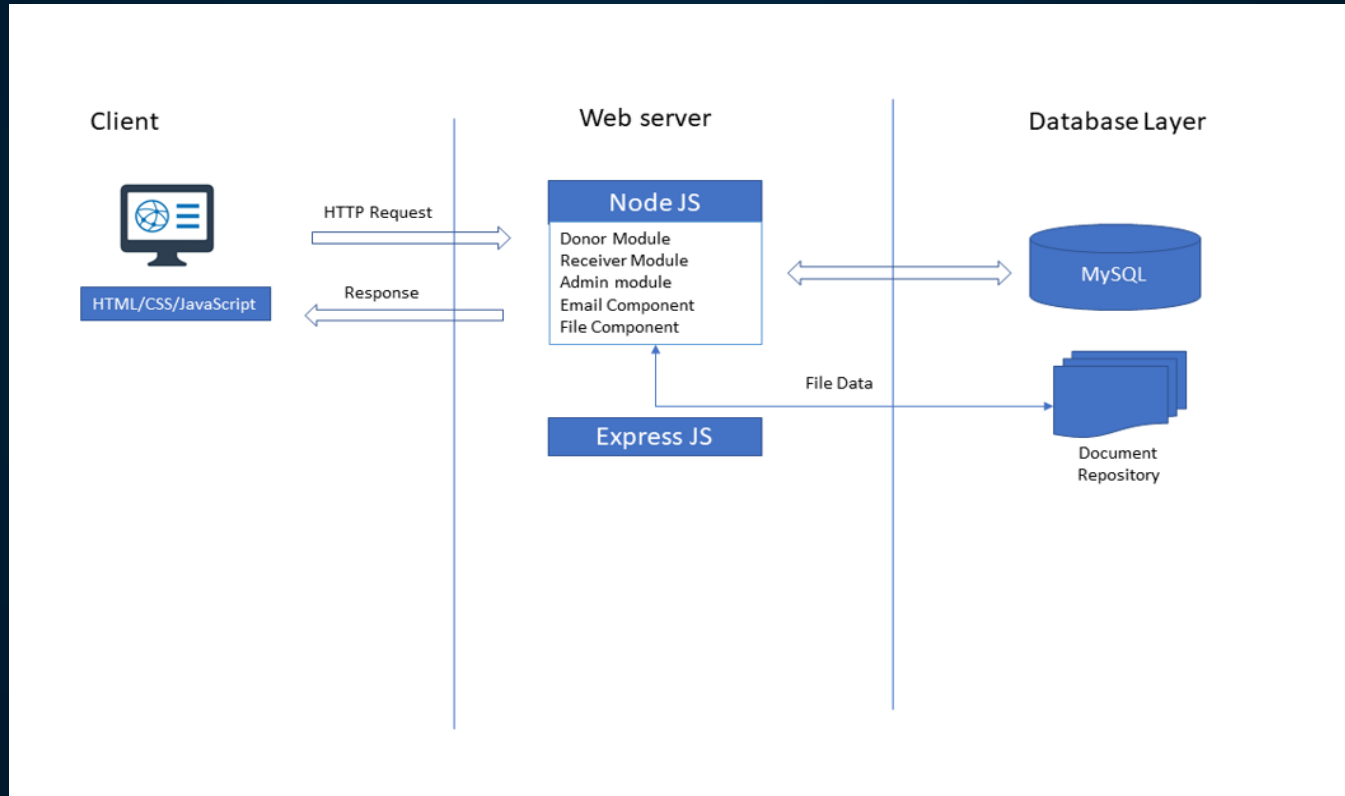# Food Waste Management System

TEAM MEMBERS:

- 19Z305 – Akshara P
- 19Z314 – Gokul R
- 19Z317 – Harini S
- 19Z337 – Pavithra Yazhini GK
- 19Z343 – Samyuktha ASK
- 19Z345 – Saranya K

Introduction

➢ Food Waste Management System is designed to reduce the wastage of food in family functions, private events and during festive time.

➢ The remaining foods during the functions can be donated to the needy people through NGOs with the help of this system.

➢ In this system donors and receivers can have their own account. From their account donors can request for food donation, receivers can accept the food and admin will verify donor's and receiver's verification request and approve them.

Architecture Diagram of the Project

Available features

Admin
- ✓ Login
- ✓ View the verification requests sent by donor/receiver
- ✓ Accept/Decline the verification requests sent by donor/receiver.
- ✓ Log out

Donor
- ✓ Login
- ✓ Sending food takeup request
- ✓ View and edit profile
- ✓ View Request history
- ✓ Sending Verification request to admin
- ✓ Logout

Receiver
- ✓ Login
- ✓ Accept food take up request
- ✓ View and edit profile
- ✓ View Accept history
- ✓ Sending Verification request to admin
- ✓ Log out

Achiever of the day
- ✓ Donor who donates more people in a particular day is the achiever of the day

TOOLS USED IN FRONT-END & BACK-END

1. Visual studio
2. My SQL Workbench
3. Sublime text editor
4. Nodejs
5. Express framework
6. Notepad ++

Languages used:
Frontend – Html, CSS
Backend – Mysql, javascript

1.Contribution
2.Challenges faced

Akshara P	1. login page (front end), donor request history(front end and back end) 2. connecting front end and back end
Harini S	1. Worked on the receiver side features ▪ displaying the request of the donors and calculate the distance between donor and receiver using opencage api. ▪ displaying the accept history of the receiver ▪ Worked on the backend of login and register ▪ Worked on the overall integration of all the features. 2. Found difficult to integrate the OpenCage, Geocoding API to find the distance between two places
Gokul R	1.Created the database tables
Pavithra Yazhini G K	1.donor and receiver side - frontend and backend (to give verification request for verified account)
Samyuktha A S K	1.Admin features (Admin dashboard, Viewing donor/receiver verification requests, Accepting/declining donor/receiver verification requests) - front end and back end. ▪ Integrated all other's code. ▪ Home page. 2.Found difficult while integrating all other's code
Saranya K	1.Edit Profile feature(front end and back end) for donor and receiver ▪ Sign-up & donor food take-up request page(front end) 2.Faced some issues while doing back end

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