

Checklist document

- ☐ User Authentication : JWD Tokens and hashed passwords
- ☒ ~~CRUD Operations~~
- ☒ ~~API Integration~~
- ☒ ~~Frontend functionality~~
- ☒ ~~Backend functionality~~
- ☒ ~~Responsiveness using bootstrap~~
- ☒ ~~Make donations~~
- ☒ ~~Display monthly goals and year goals and the amount donated each month~~
- ☒ ~~Make top donators widget~~

Tech Architecture:

The ShareABite application is a full-stack web application designed to connect donors, recipients, and volunteers in the food donation process.

MERN Technology Stack:

- **Frontend:** React.js
- **Backend:** Node.js with Express
- **Database:** MongoDB

API Routes

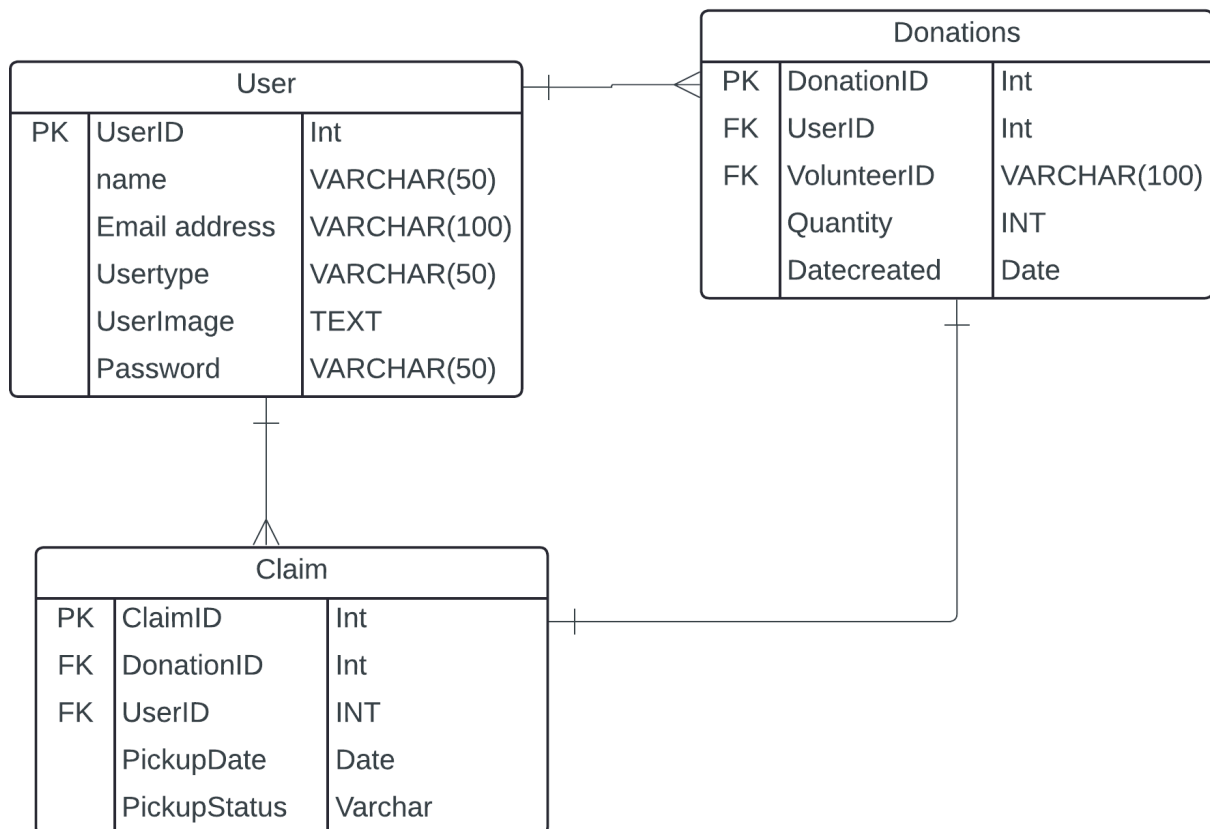
```
const userRoutes = require("./Routes/UserRoutes");  
  
app.use("/api/users", userRoutes);
```

This is the route to all the user based endpoints such as sign in and get the user by id

```
const donationRoutes = require("./Routes/DonationRoutes");  
  
app.use("/api/donations", donationRoutes);
```

The donations route stores all sorts of donations information such as the

Database:



Welcome Back!

Sign Up

Name

Email

Phone Number

Password

Confirm Password

Select Role

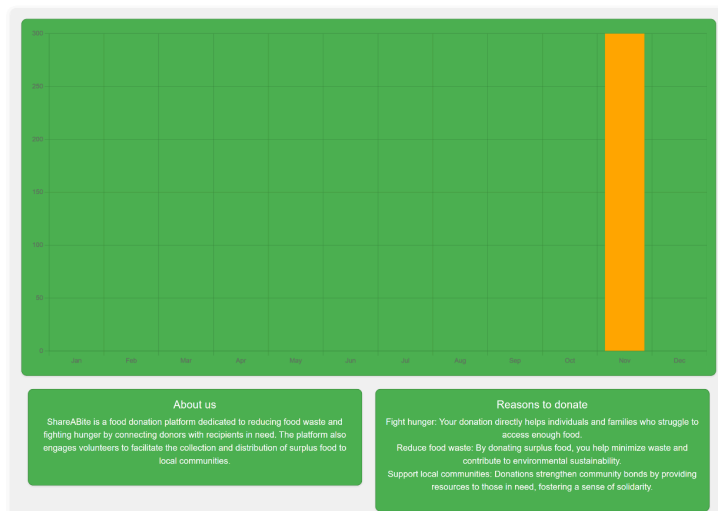
Choose your role

Upload Image

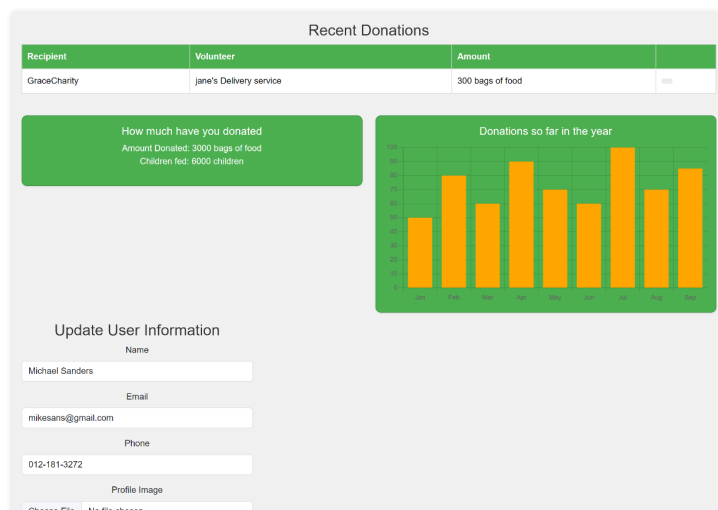
Choose File No file chosen

Already have an account? [Sign in](#)


Signup screen used for signing in out of application




Home page responsible for introduction and showing the current status of the donations sent and how much have been currently sent. As well as the top donator



Profile page shows the current amount you have donated based on the user type that you are. You can also change your information and see how much you have donated in total as well as how many people you help.



MikeCharity



jane's Delivery service

Donate

Donations page the page at which you make the donation for the amount of bags of food you will be donating to that specific place or charity.

Problem statement:

Food waste is a significant issue, with approximately one-third of the food produced globally going to waste. Simultaneously, many communities face hunger and food insecurity, particularly among low-income families , orphanages and other places lacking help to survive in this world. This will help and even deliver to places like Sudan, the Middle east etc....

MealBridging connects food donors with recipients through a user-friendly platform. It enables users to donate surplus food, ensuring it reaches those who need it most while reducing waste.

The economic impact of food waste is staggering, costing billions annually, while the social impact of hunger leads to poor health outcomes and community instability. By facilitating food donations, MealBridging helps address both food waste and hunger, contributing to community resilience and wellbeing.