Installation:  
vs.code

Npx create-next-app@latest for making new next.js app

Extentions on vs.code to be installed:  
ES7 +  
Prettier  
extensions for chrome:  
react redux

Pesticide for chrome

Npm i

Lucide-raect dotenv date-fns ract-filepond filepond filepond-plugin-image-exif-orientation filepond-plugin-image-preview framer-motion mapbiix-gl lodash react-hook-form zod @hookform/resolvers

Npm -D @types/node @types/uuid for typescript  
install tailwind css intellisense  
tailwind documentation

Npx shadcn@latest init -d

Install all the shadcn components:  
npm shadcn@latest add avatar badge button card checkbox command dialog dropdown-menu form input label navigation-menu radio-group select separator sheet sidebar skeleton slider sonner switch tavle tabs text-area tooltip

npm i react-redux @reduxjs/toolkit dotenv --legacy-peer-deps

made the front-end of the landing page. Install awsomefonts like this:  
npm i @fortawesome/fontawesome-svg-core @fortawesome/free-brands-svg-icons @fortawesome/react-fontawesome --legacy-peer-deps  
then install postgresql locally and with stack builder, I installed postgis for location and map data.  
then we start the backend I a folder named server:  
first :  
npm init -y  
then I installed these packages:  
npm i express body-parser cors dotenv helmet morgan jsonwebtoken multer uuid axios @terraformer/wkt @aws-sdk/client-s3 @aws-sdk/lib-storage

then for typescript and installing node we do this:  
npm i -D rimraf concurrently nodemon shx ts-node typescript @types/cors @types/morgan @types/node @types/jsonwebtoken @types/multer @types/terraformer\_\_wkt @types/uuid

then for initialazing ts:  
npx tsc --init  
after it made the file of tsconfig.json we have to change OR add these in that this folder for node to be used without problem:  
"outDir": "./dist",  
"module": "nodenext",

"target": "esnext",

"types": [],

"moduleResolution": "nodenext",

"resolveJsonModule": true,

"include": ["src/\*\*/\*", "src/data/\*\*/\*.json", "prisma/\*\*/\*"]

Then we configured the index.ts file in src folder. Also made a .env file and made a PORT = 3001   
in index.js the port is 3002 + imports  
+ ROUTes

We install and initialize prisma. Also we make migration. Then we add seed data to out database which was dummy data

If we got any error with prisma we should: npm prisma migrate reset  
then npm run prisma:generate

Npx prisma migrate dev –name init

Npm run seed

For example, if you change anything unnecessarily