Capstone Project-SHOP FOR HOME

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Divyansh Gupta
Swati Mallappa Awate

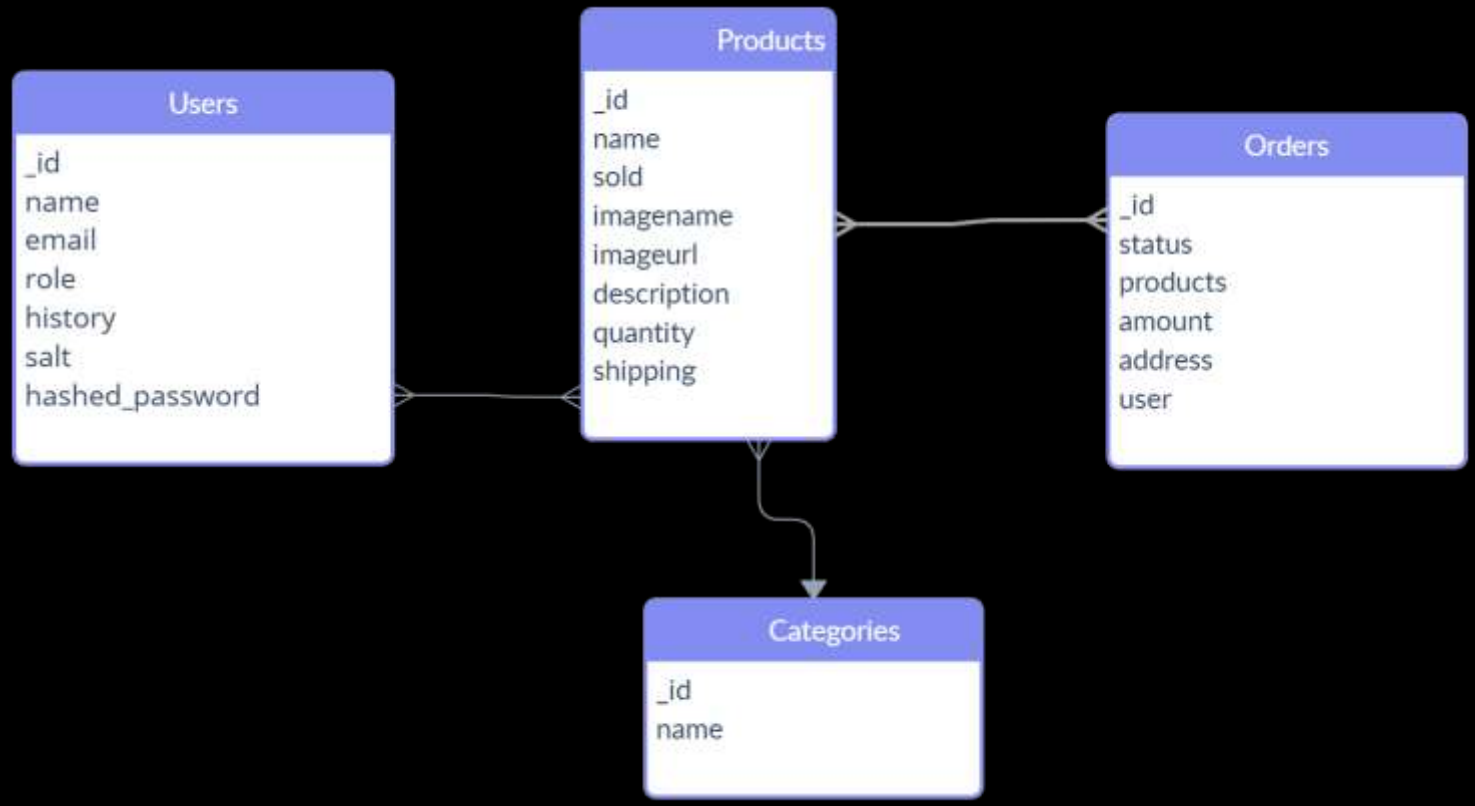
ABSTRACT

ShopForHome is a popular Store in the market for shopping the home décor stuff .Due to Covid-19 all the offline shopping stopped. So, the store wants to move to the online platforms and wants their own web application.

SOFTWARE REQUIREMENTS

- Frontend : React Js
- DataBase : MongoDB
- Backend : Express Js Node Js

DATABASESCHEMA



FRONTEND

- Technologies used :React Js

React uses a declarative paradigm that makes it easier to reason about your application and aims to be both efficient and flexible. It designs simple views for each state in your application, and React will efficiently update and render just the right component when your data changes.

BACKEND

- Technologies used : Express Js , Node Js

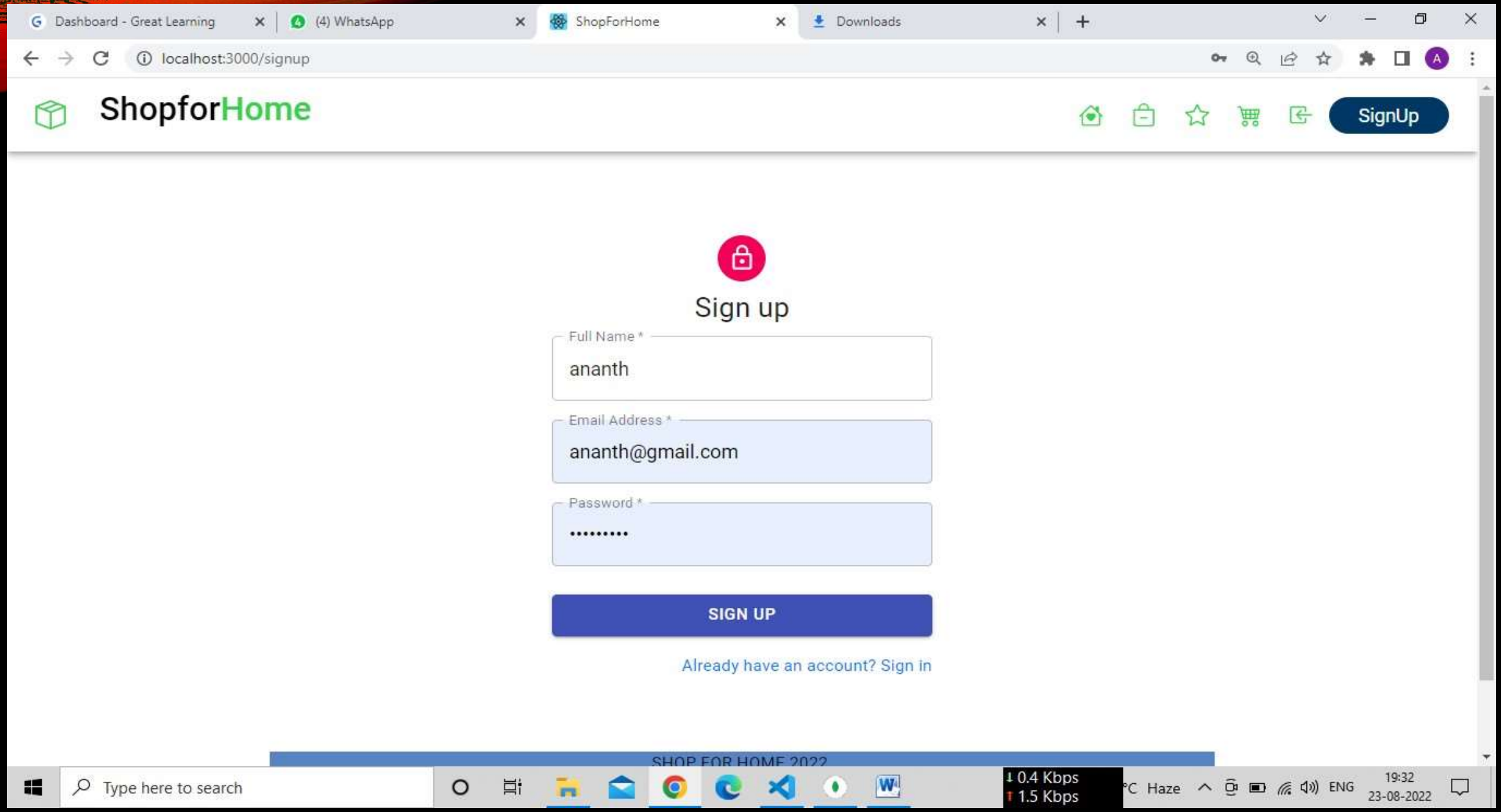
- **Node.js:** Node.js is an open source and cross-platform runtime environment for executing JavaScript code outside of a browser. You need to remember that NodeJS is not a framework and it's not a programming language. Most of the people are confused and understand it's a framework or a programming language. We often use Node.js for building back-end services like APIs like Web App or Mobile App. It's used in production by large companies such as Paypal, Uber, Netflix, Walmart and so on. **Express.js:** Express is a small framework that sits on top of Node.js's web server functionality to simplify its APIs and add helpful new features. It makes it easier to organize your application's functionality with middle ware and routing. It adds helpful utilities to Node.js's HTTP objects. It facilitates the rendering of dynamic HTTP objects.

DATABASE

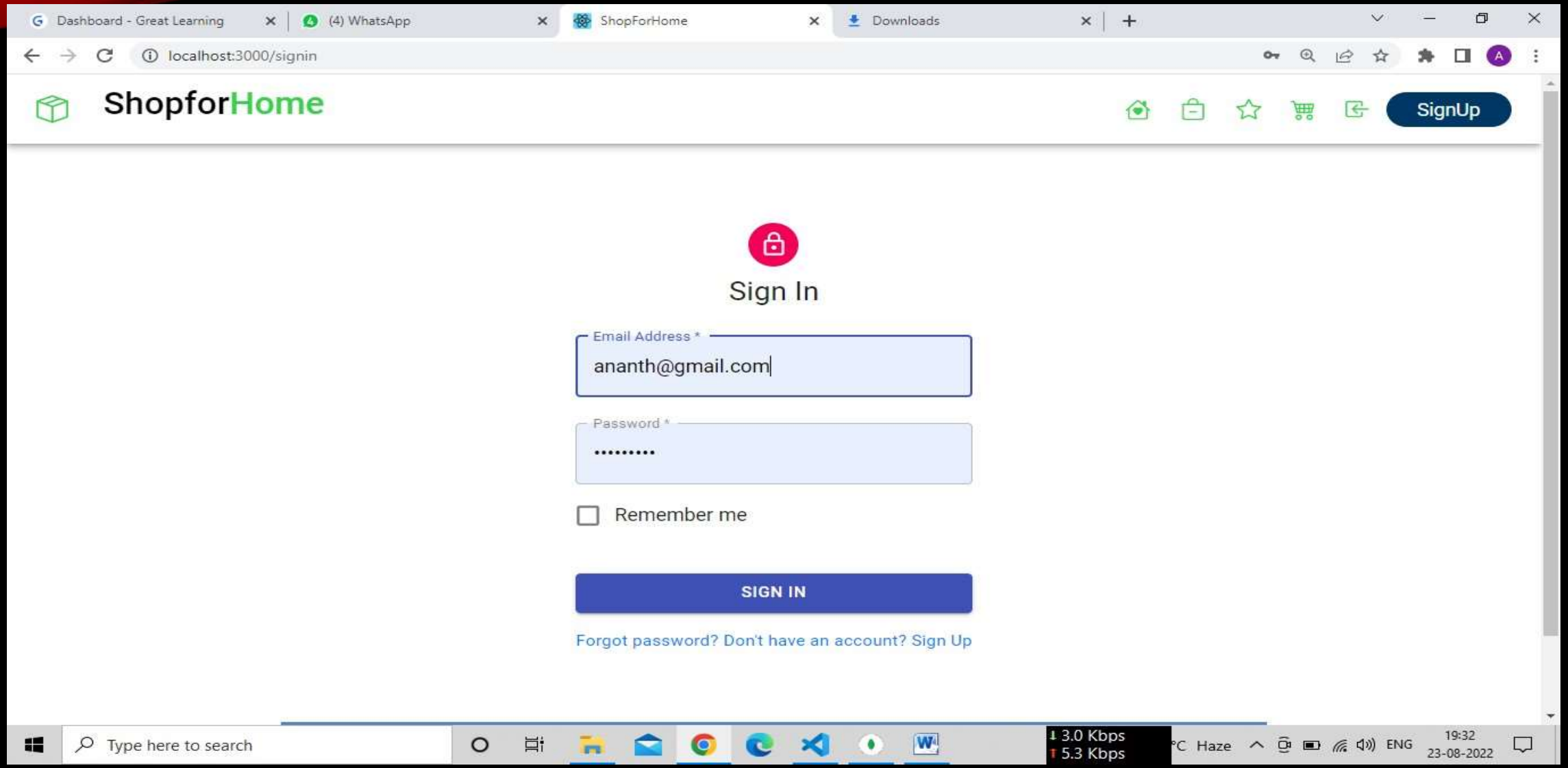
- Technologies used : MongoDB

- MongoDB is an open source NoSQL database management program. NoSQL is used as an alternative to traditional relational databases. NoSQL databases are quite useful for working with large sets of distributed data. MongoDB is a tool that can manage document-oriented information, store or retrieve information.

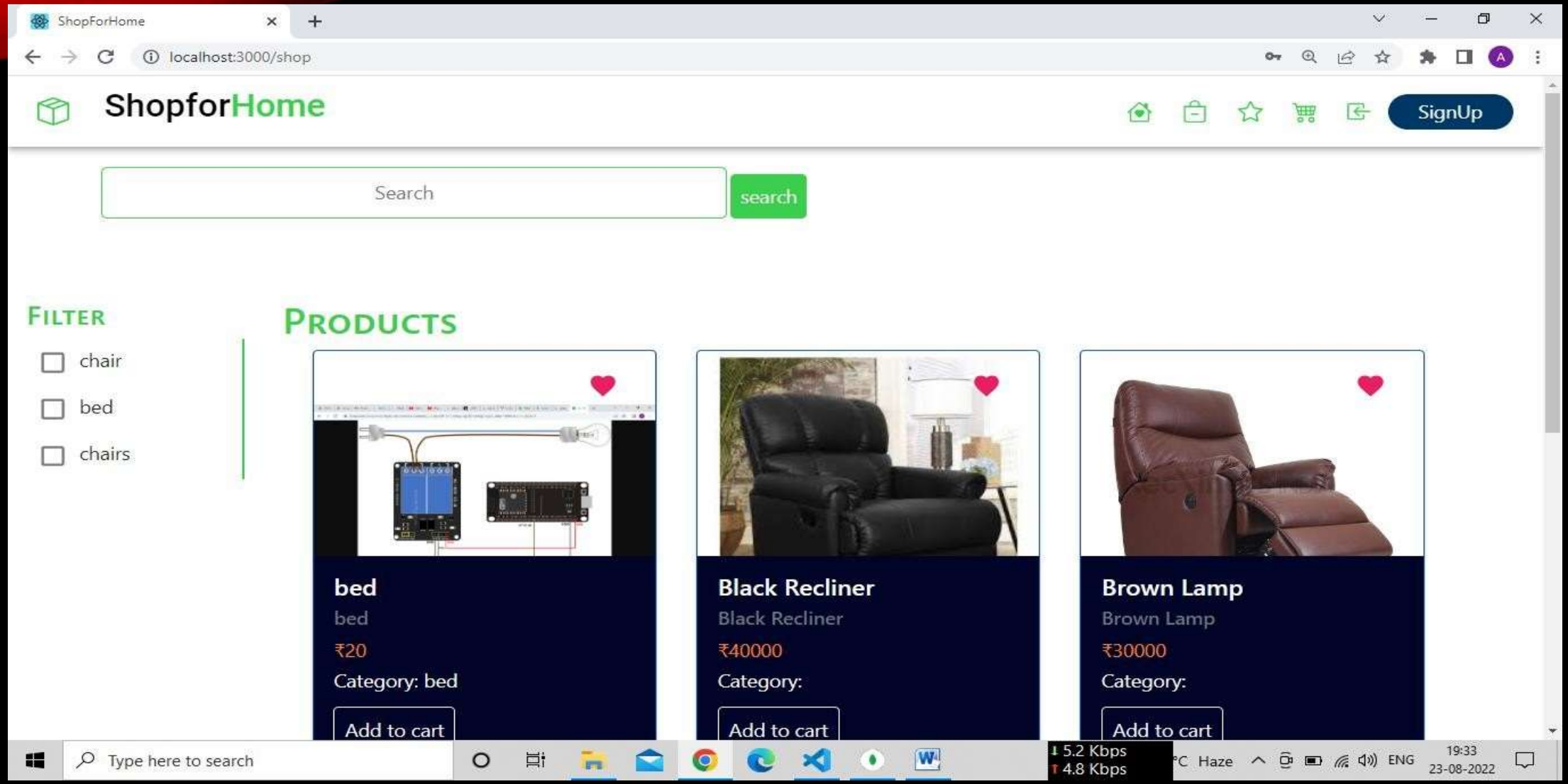
WORKING


Dashboard - Great Learning
(4) WhatsApp
ShopForHome
Downloads
localhost:3000/signup
ShopforHome
SignUp
Sign up
Full Name *
ananth
Email Address *
ananth@gmail.com
Password *
SIGN UP
Already have an account? Sign in
SHOP FOR HOME 2022
Type here to search
0.4 Kbps
1.5 Kbps
Haze
ENG
19:32
23-08-2022

SIGN IN


Dashboard - Great Learning
(4) WhatsApp
ShopForHome
Downloads
localhost:3000/signin
ShopforHome
SignUp
Sign In
Email Address *
ananth@gmail.com
Password *
Remember me
SIGN IN
Forgot password? Don't have an account? Sign Up
Type here to search
3.0 Kbps
5.3 Kbps
Haze
ENG
19:32
23-08-2022

PRODUCTS


ShopForHome
localhost:3000/shop
ShopforHome
SignUp
Search
search
FILTER
chair
bed
chairs
PRODUCTS
bed
bed
₹20
Category: bed
Add to cart
Black Recliner
Black Recliner
₹40000
Category:
Add to cart
Brown Lamp
Brown Lamp
₹30000
Category:
Add to cart
Type here to search
5.2 Kbps
4.8 Kbps
Haze
ENG
19:33
23-08-2022

CART

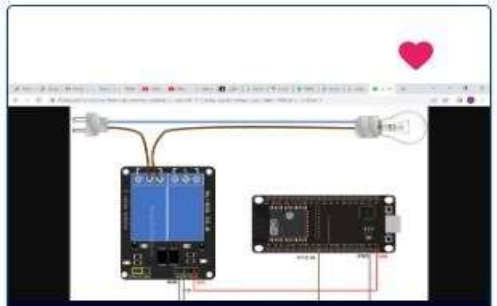
ShopForHome

localhost:3000/cart

ShopforHome

2

CART HAS 2 ITEMS



bed

bed

₹20

Category: bed

Remove 1

Black Recliner

Black Recliner

₹40000

Category:

Remove 1

YOUR CART SUMMARY:

Apply Your Discount

You have 20% OFF discount

Total: ₹32012.8

Enter delivery address:

Type your address here...

PAY

Type here to search

3.1 Kbps
13.1 Kbps

°C Haze

ENG

19:34
23-08-2022

WISHLIST

ShopForHome

localhost:3000/wishlist

ShopforHome

YOUR WISHLIST HAS 2 ITEMS

Blue Curtain

Blue Curtain

₹3000

Category:

Add to cart | Remove

chair

Chair

₹2000

Category:

Add to cart | Remove

Type here to search

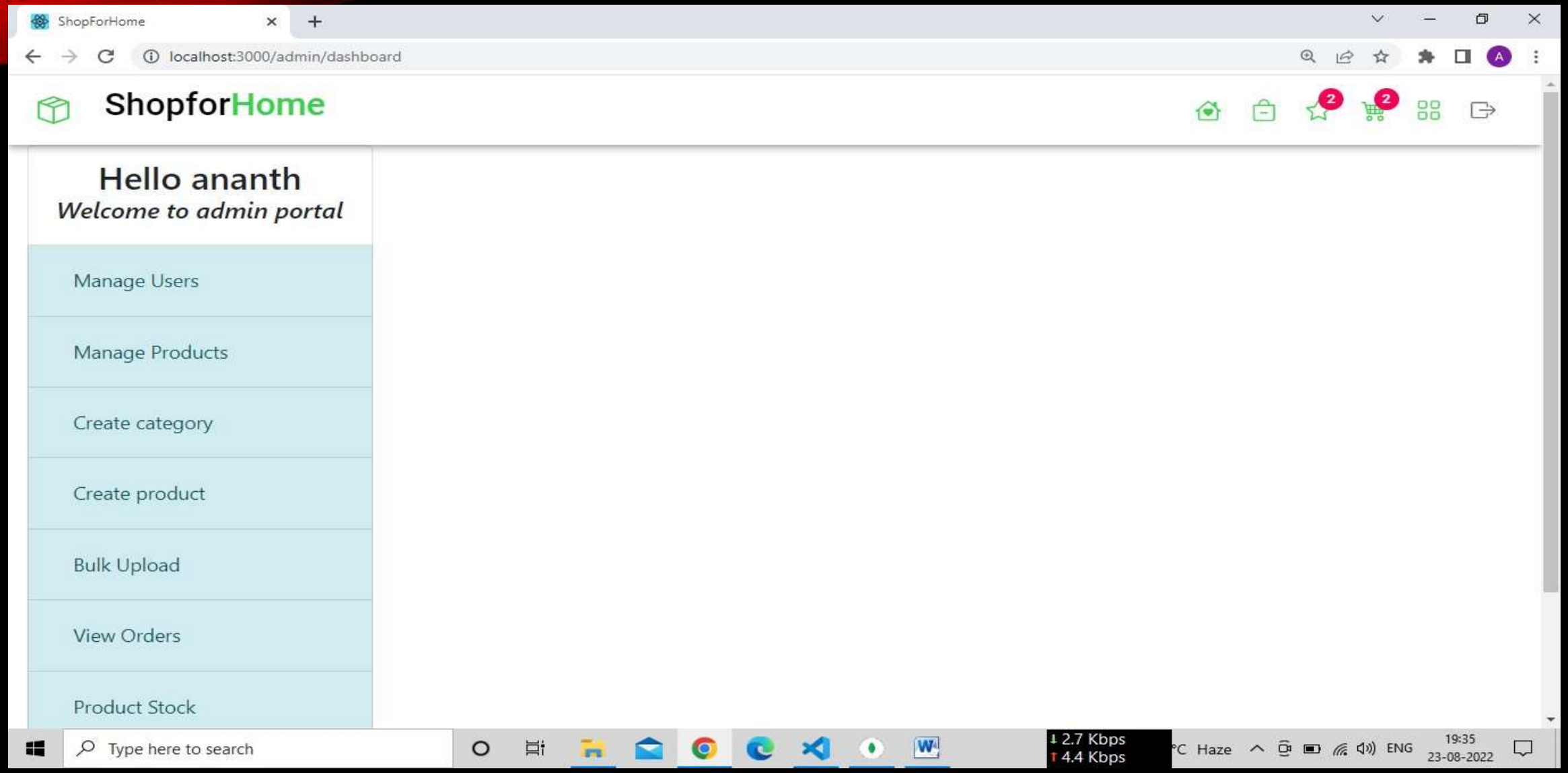
5.5 Kbps
3.9 Kbps

°C Haze

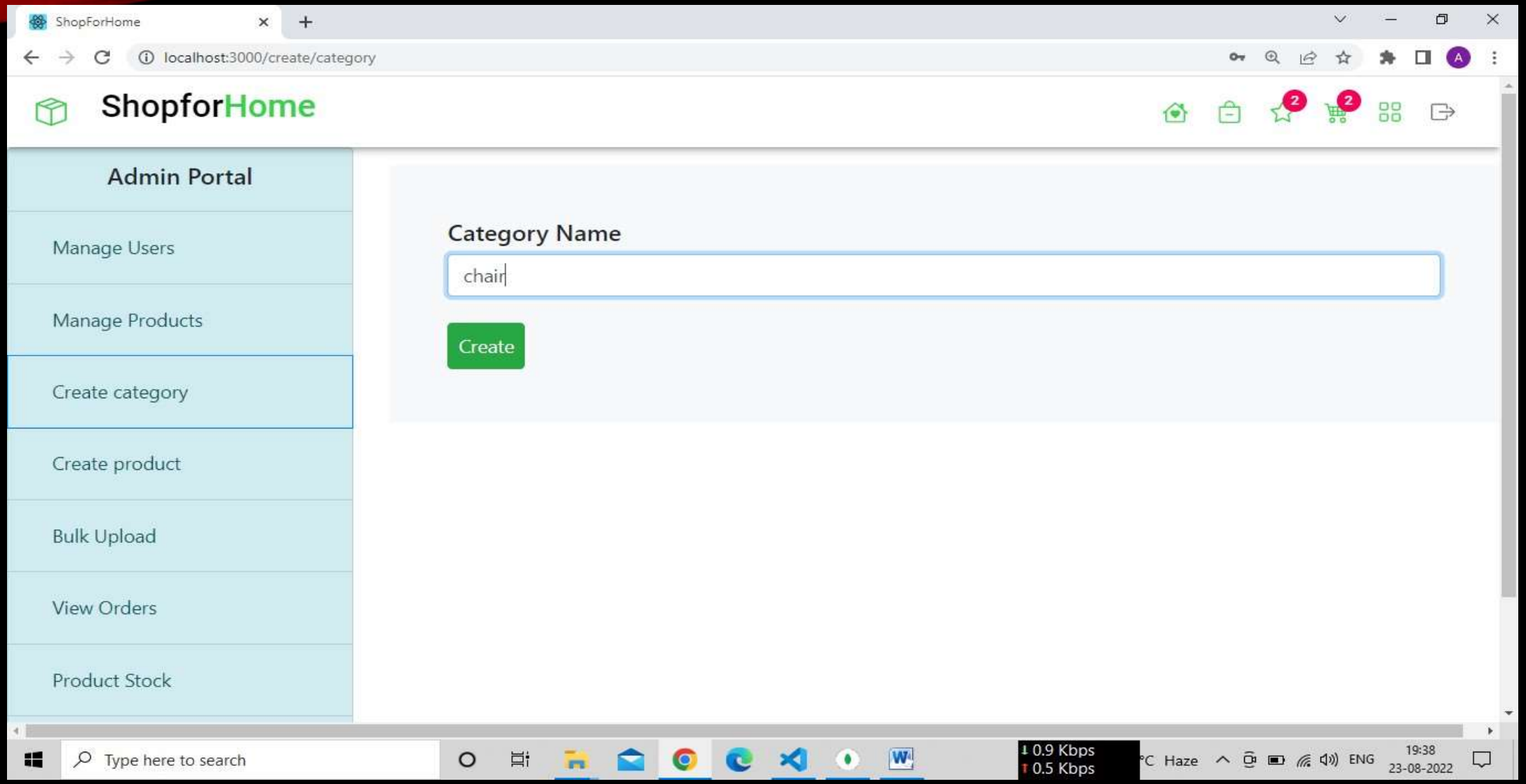
ENG

19:35
23-08-2022

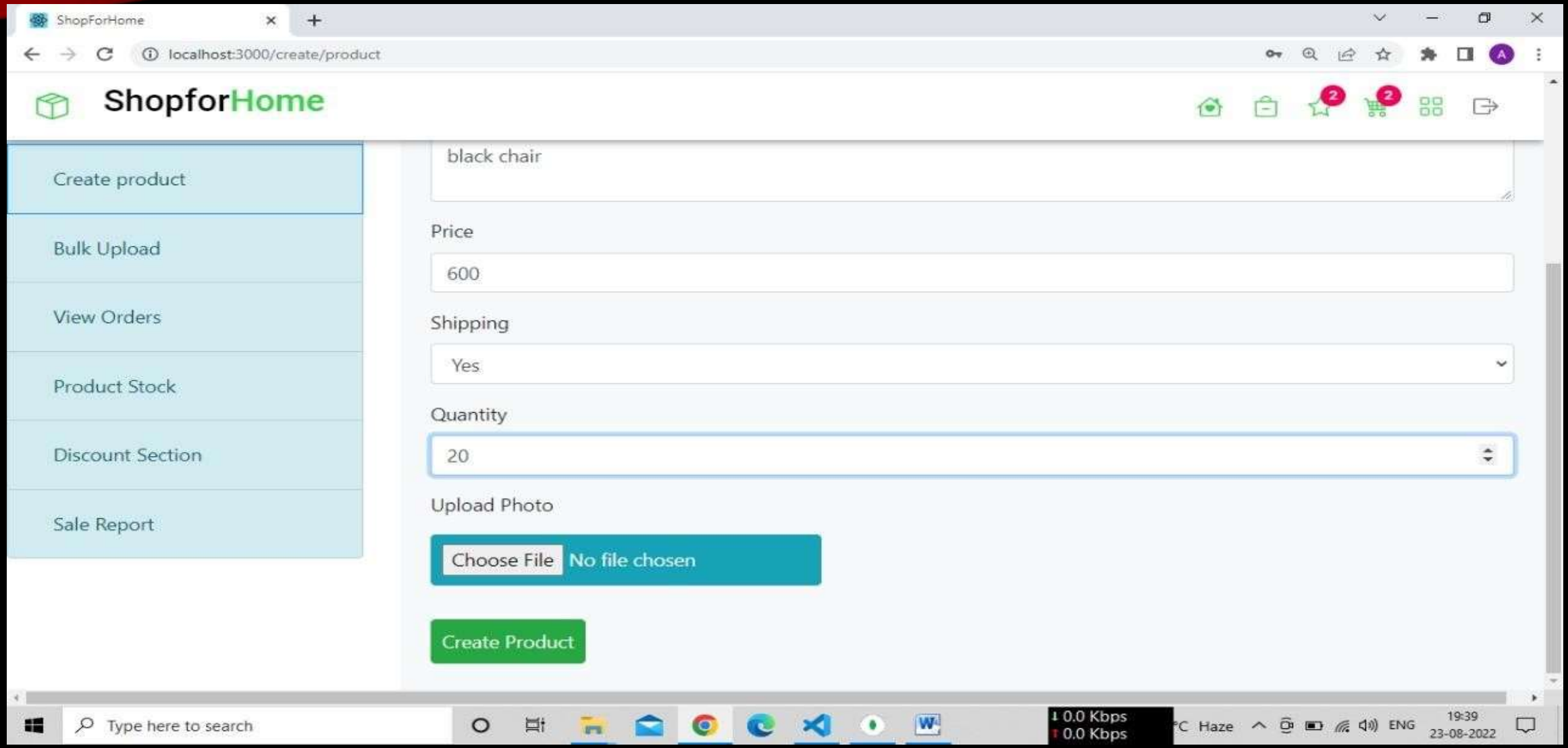
ADMIN


ShopForHome
localhost:3000/admin/dashboard
ShopforHome
2
2
Hello ananth
Welcome to admin portal
Manage Users
Manage Products
Create category
Create product
Bulk Upload
View Orders
Product Stock
Type here to search
2.7 Kbps
4.4 Kbps
Haze
ENG
19:35
23-08-2022

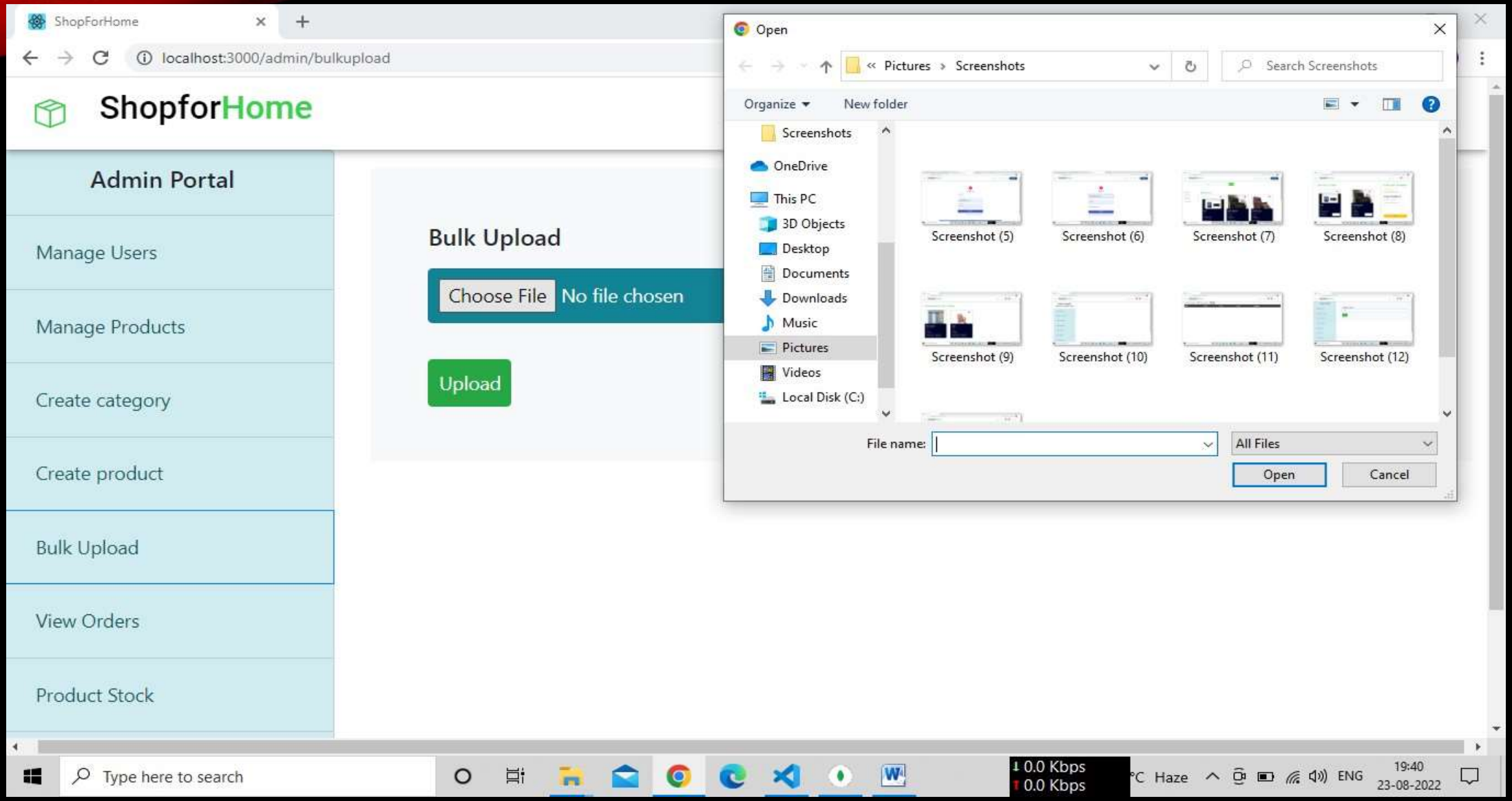
ADDING CATEGORY



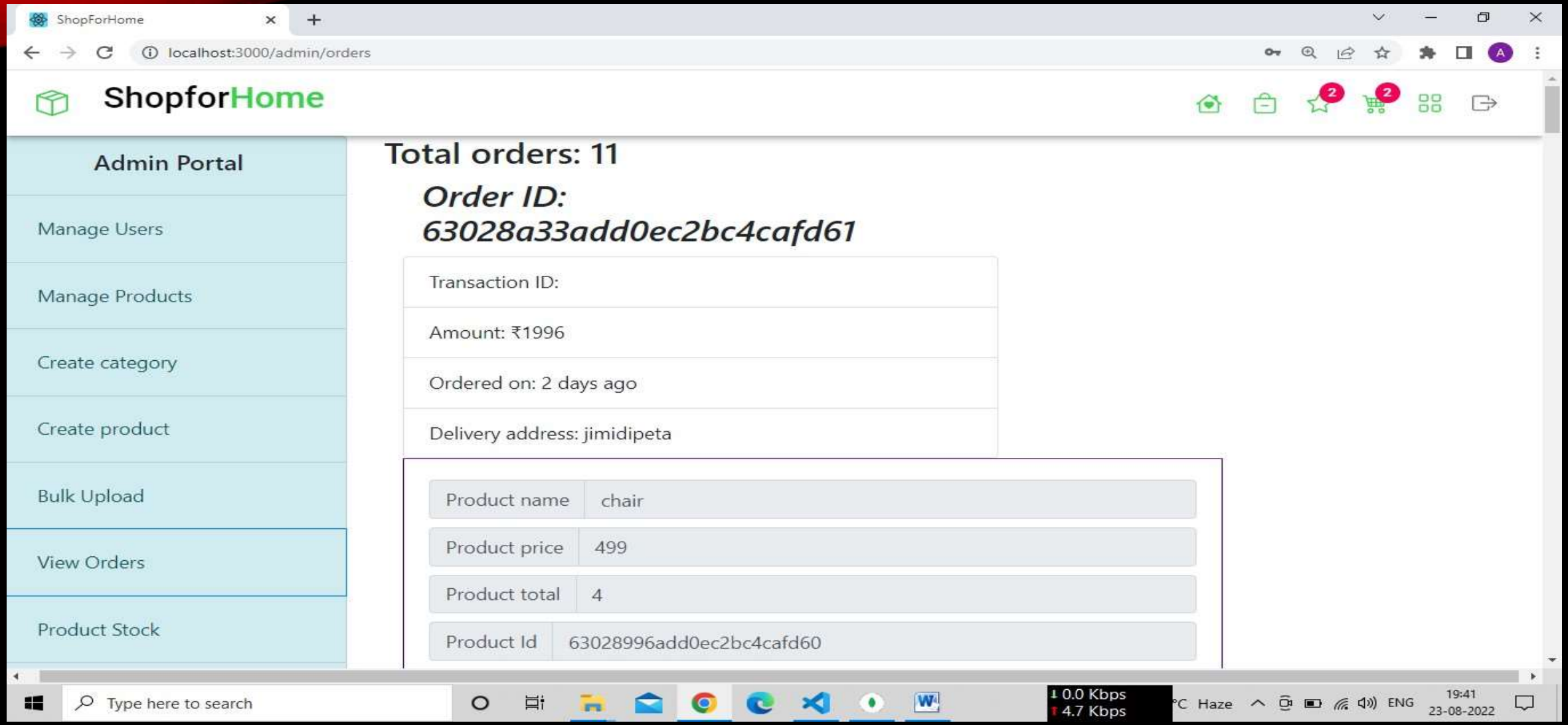
ADDING PRODUCT LIST



BULK UPLOAD


ShopForHome
localhost:3000/admin/bulkupload
ShopforHome
Admin Portal
Manage Users
Manage Products
Create category
Create product
Bulk Upload
View Orders
Product Stock
Bulk Upload
Choose File
No file chosen
Upload
Open
Pictures
Screenshots
Search Screenshots
Organize
New folder
Screenshot (5)
Screenshot (6)
Screenshot (7)
Screenshot (8)
Screenshot (9)
Screenshot (10)
Screenshot (11)
Screenshot (12)
File name:
All Files
Open
Cancel
Type here to search
0.0 Kbps
0.0 Kbps
Haze
ENG
19:40
23-08-2022

VIEW ORDERS


ShopForHome
localhost:3000/admin/orders
ShopforHome
Admin Portal
Manage Users
Manage Products
Create category
Create product
Bulk Upload
View Orders
Product Stock
Total orders: 11
Order ID:
63028a33add0ec2bc4cafd61
Transaction ID:
Amount: ₹1996
Ordered on: 2 days ago
Delivery address: jimidipeta
Product name
chair
Product price
499
Product total
4
Product Id
63028996add0ec2bc4cafd60
Type here to search
0.0 Kbps
4.7 Kbps
Haze
ENG
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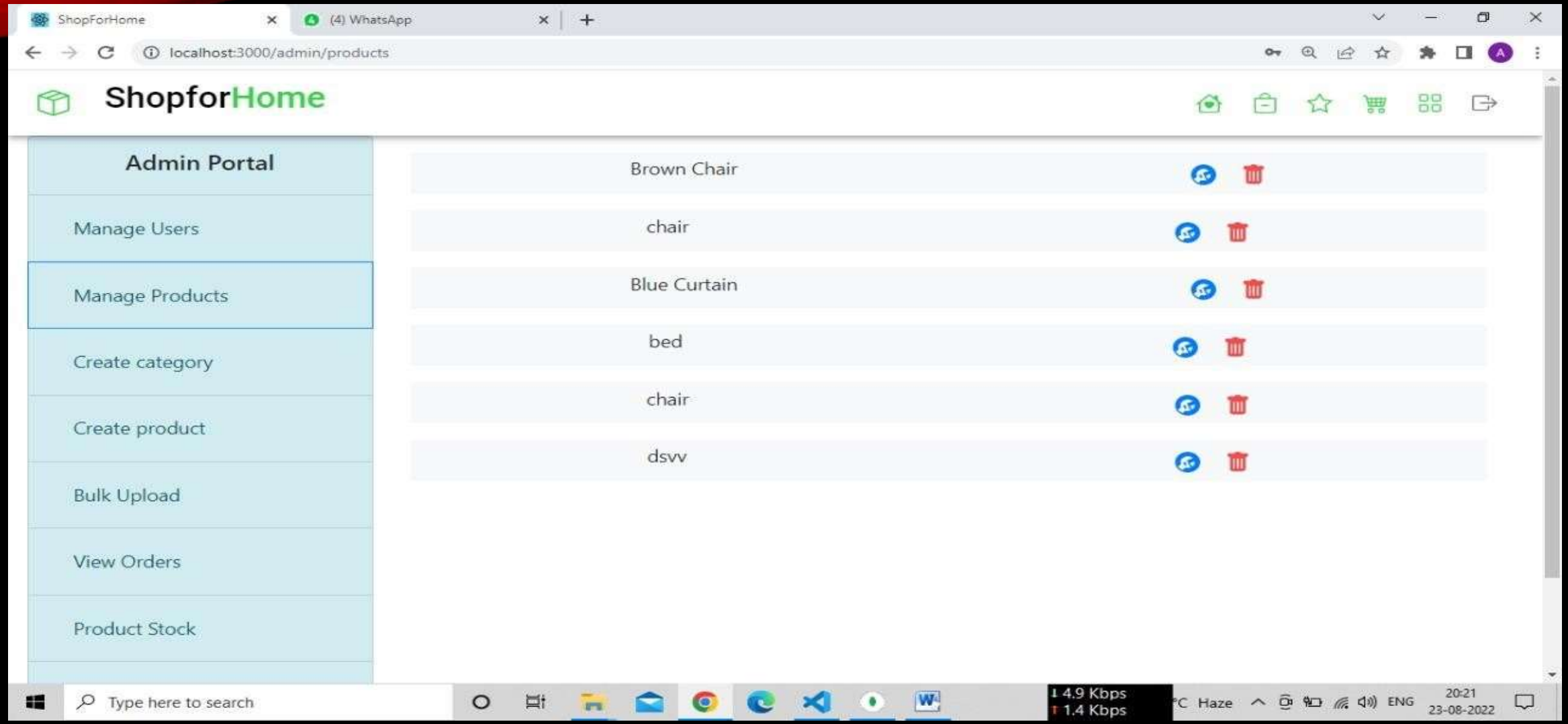
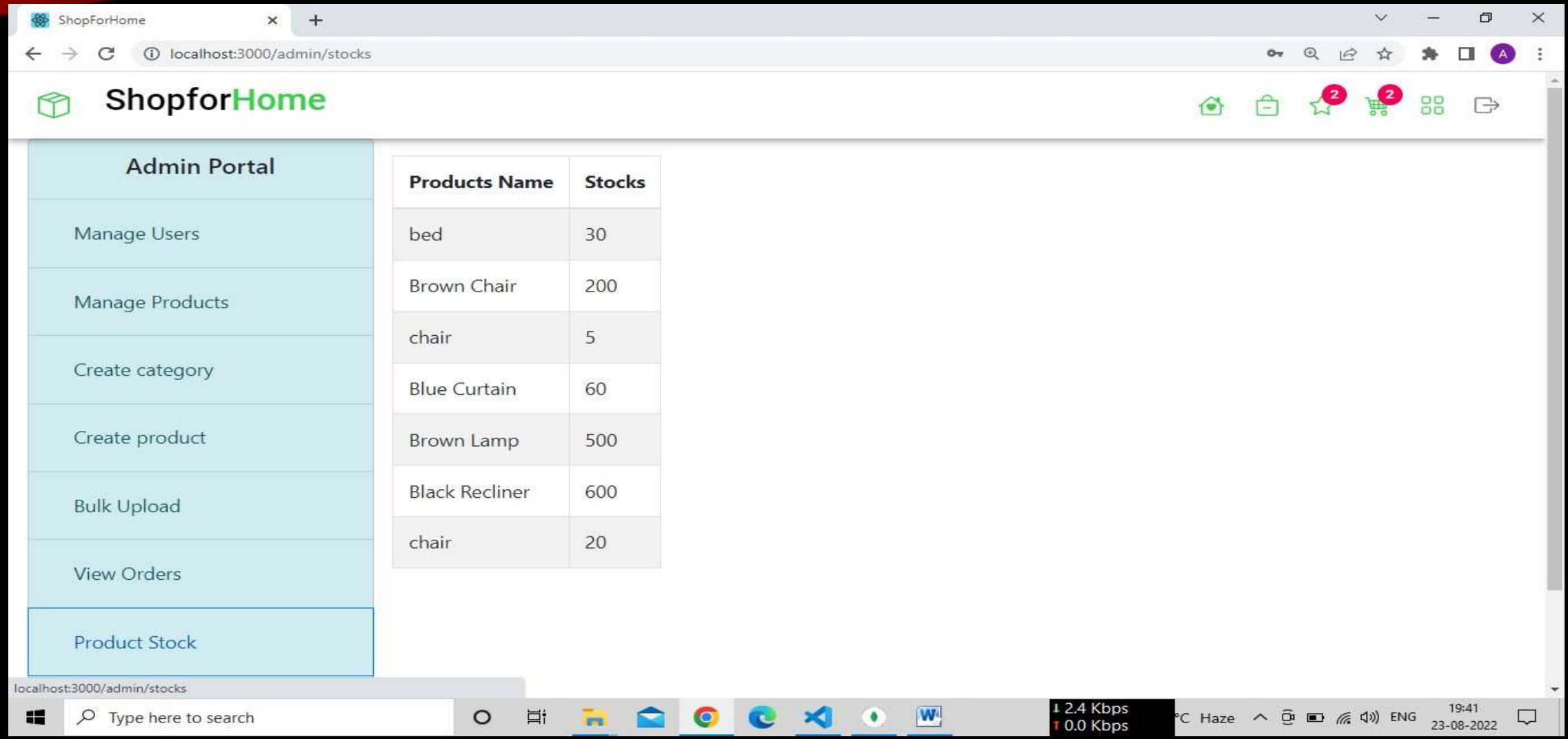
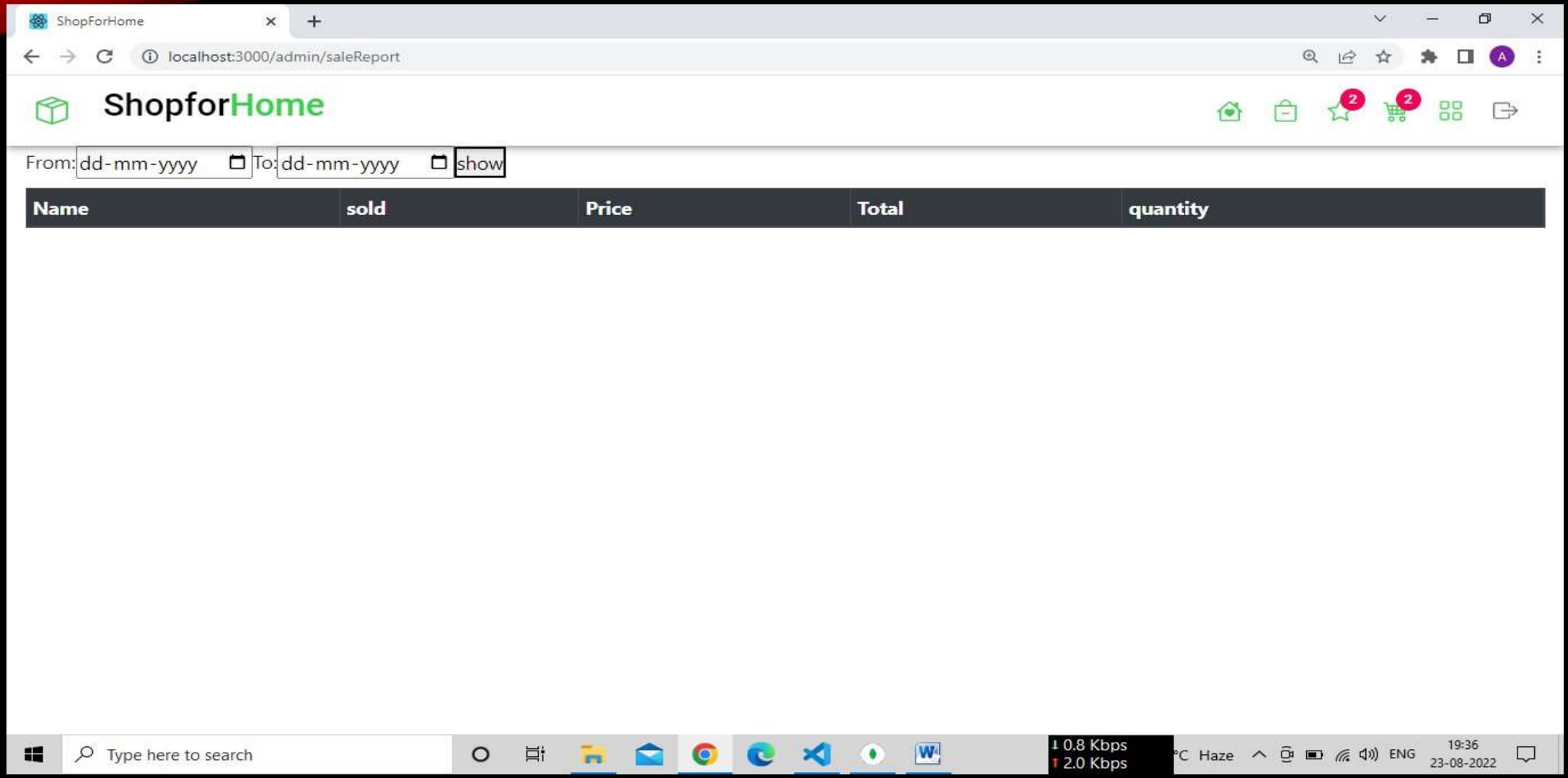
MANAGE PRODUCTS



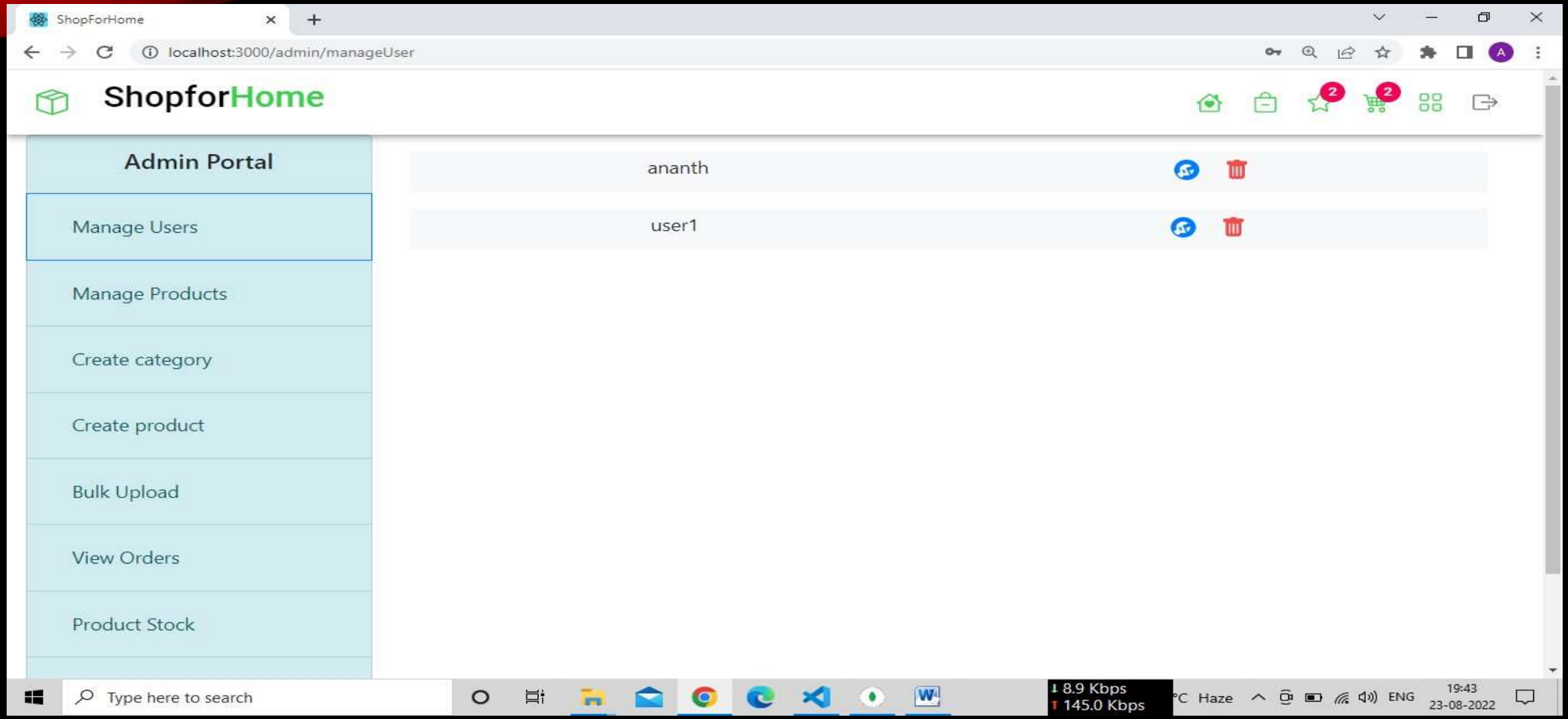
PRODUCTS STOCK



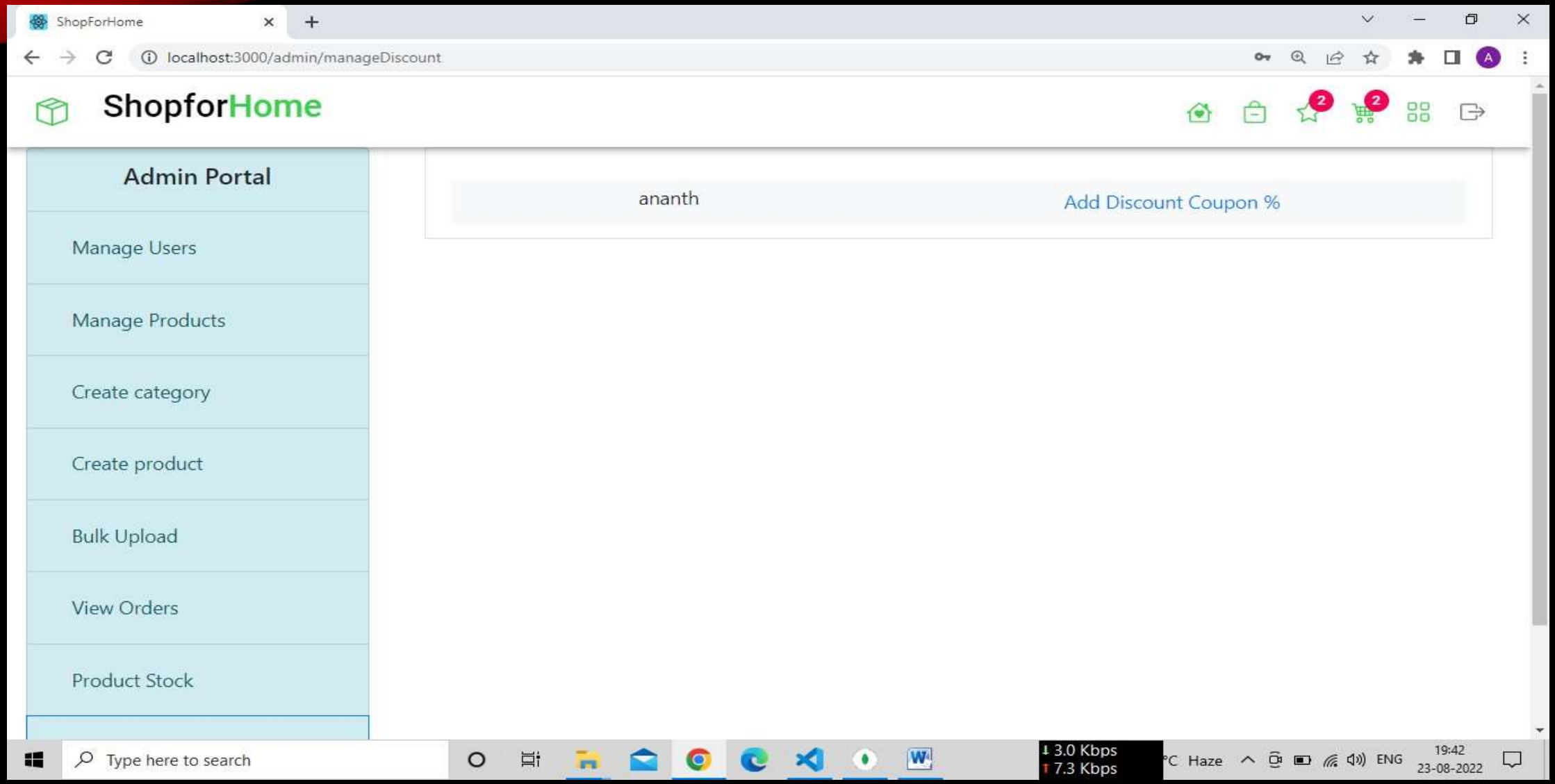
SALES REPORT



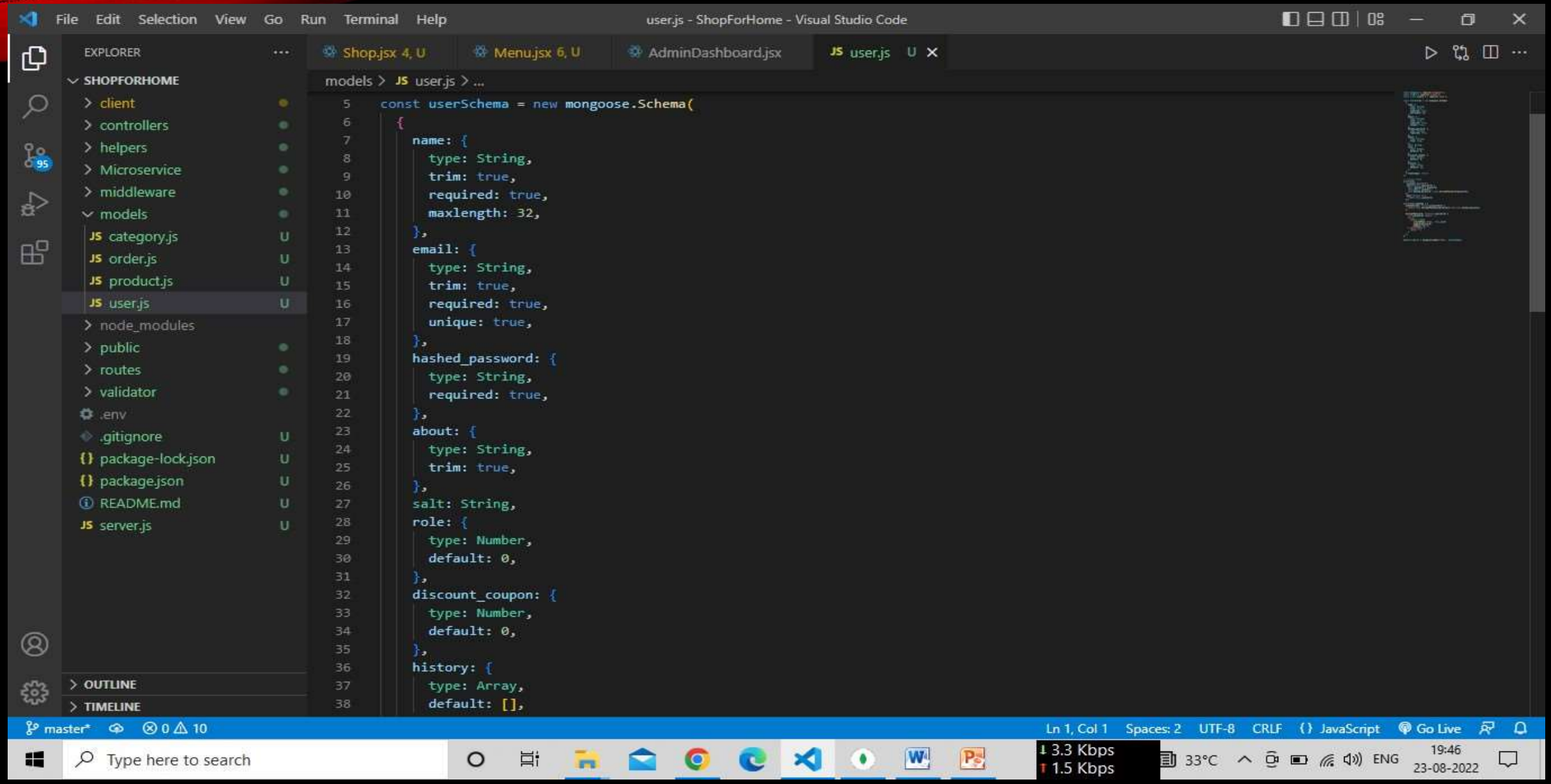
MANAGE USERS



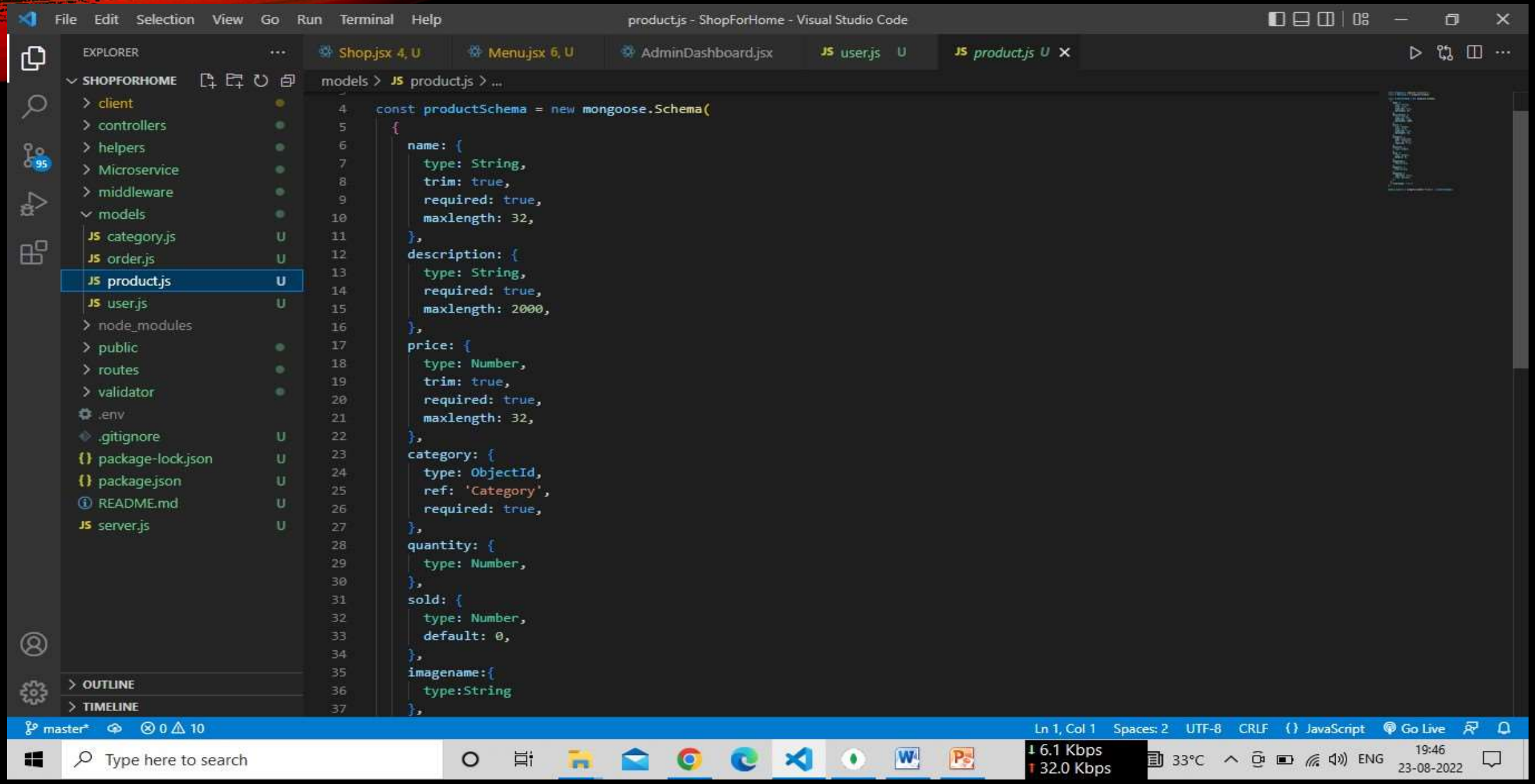
DISCOUNT SECTION



USER


File Edit Selection View Go Run Terminal Help
user.js - ShopForHome - Visual Studio Code
EXPLORER
SHOPFORHOME
client
controllers
helpers
Microservice
middleware
models
category.js
order.js
product.js
user.js
node_modules
public
routes
validator
.env
.gitignore
package-lock.json
package.json
README.md
server.js
OUTLINE
TIMELINE
Shop.jsx 4, U
Menu.jsx 6, U
AdminDashboard.jsx
user.js U
models > user.js > ...
const userSchema = new mongoose.Schema(
{
name: {
type: String,
trim: true,
required: true,
maxlength: 32,
},
email: {
type: String,
trim: true,
required: true,
unique: true,
},
hashed_password: {
type: String,
required: true,
},
about: {
type: String,
trim: true,
},
salt: String,
role: {
type: Number,
default: 0,
},
discount_coupon: {
type: Number,
default: 0,
},
history: {
type: Array,
default: [],
master*
0 10
Ln 1, Col 1
Spaces: 2
UTF-8
CRLF
JavaScript
Go Live
Type here to search
3.3 Kbps
1.5 Kbps
33°C
ENG
19:46
23-08-2022

PRODUCT SCHEMA



CONCLUSION

- The Web based Online shopping system is developed with the help of different tools such as React, MongoDB, Node js, Express, and devops and some agile methods.
- The developed system has met the objectives. Moreover, this system has high operational speed, and it is user-friendly.
- Being able to buy anytime anywhere, and widespread effects on economy and ecommerce.
- The system is valuable and usable in the perspective of any user.

THANK YOU