A PROJECT REPORT

ON

FASHION HUB

[E COMMERCE WEB APPLICATION]

SUBMITTED BY

TRIDEEP KUMAR H

GUIDED BY

ASHNA SHAJAHAN

NETWORKZ SYSTEMS

KOLLAM

CERTIFICATE

This is to certify that the project work entitled “FASHION HUB (E COMMERCE WEB APPLICATION)” using MEAN STACK is a bonafide work of Mr. Trideep kumar. I have successfully completed the project at NETWORKZ SYSTEMS during the period from 15-7-2022 to 13-8-2022 towards the partial fulfilment of the requirement for the award of software training program prescribed by NETWORKZ SYSTEMS.

Guided by:

ASHNA SHAJAHAN

Software Trainer

Networkz Systems

Kollam.

ACKNOWLEDGEMENT

At the very outset, I would like to give the first honors to God**,** who gave the wisdom and knowledge to complete this project. With profound sense of gratitude, I wish to express my sincere thanks to Mrs. **ASHNA SHAJAHAN** . I am thankful to all other staff members making necessary help to enable me to undertake my project with keen of **Networkz Systems, Kollam** for their support and guidance.

Finally, I thank my parents and all my friends and well-wishers who help in the successful completion of this project. Last, but not least I thank the almighty without whose blessings I would not have succeeded in my endeavors.

TRIDEEP KUMAR H

DECLARATION

I hereby declare that this project work entitled **"FASHION HUB (E COMMERCE WEB APPLICATION) "** submitted to "**NETWORKZ SYSTEMS"** is a record of original work done by me under the guidance of Mrs. **ASHNA SHAJAHAN** , Networkz Systems have not formed the basis for the award of a training program.

CONTENTS

INTRODUCTION

FASHION HUB (E Commerce web application) is a MEAN stack model project . The MEAN stack is a JavaScript-based framework for developing web applications. MEAN is named after MongoDB, Express, Angular, and Node, the four key technologies that make up the layers of the stack.

MongoDB — document database.

Program mainly focuses on CRUD operations [CREATE, READ ,UPDATE AND DELETE] that can be done by the admin. This web application mainly divided into HOME page ,PRODUCT-DISPLAY page and PRODUCT-ADMIN page .

The home page is the landing page of the website where visitors get overall idea about web application and can find hyperlinks to other pages.

The product-display page presents the details of each and every product .The details include name , price ,offer and image .Product-admin page is where an admin can create , update and delete product information to the store or database.

LANGUAGE OVERVIEW

- JavaScript often abbreviated JS, is a programming language that is one of the core technologies of the World Wide Web, alongside HTML and CSS.

- As of 2022, 98% of websites use JavaScript on the client side for webpage behavior,often incorporating third-party libraries.

- All major web browsers have a dedicated JavaScript engine to execute the code on users' devices.

- JavaScript is a high-level, often just-in-time compiled language that conforms to the ECMAScript standard.

- It has dynamic typing, prototype-based object-orientation, and first-class functions.

- It is multi-paradigm,supporting event-driven, functional, and imperative programming styles.

- It has application programming interfaces (APIs) for working with text, dates, regular expressions, standard data structures, and the Document Object Model (DOM).

- The ECMAScript standard does not include any input/output (I/O), such as networking, storage, or graphics facilities. In practice, the web browser or other runtime system provides JavaScript APIs for I/O.

- JavaScript engines were originally used only in web browsers, but are now core components of some servers and a variety of applications. The most popular runtime system for this usage is Node.js.

JavaScript Technologies

- JavaScript is the most popular multi-paradigm language that encourages functional, event-driven, and robust (including object-oriented and prototype-based) programming styles.

- JavaScript was used initially only for the client-side. However, nowadays, JavaScript is utilized as a server-side programming language as well. To sum up, in just a single sentence – JavaScript is the language of the web.

1.Node.js

Node.js is an open-source, cross-platform, back-end JavaScript runtime environment that runs on a JavaScript Engine and executes JavaScript code outside a web browser, which was designed to build scalable network applications.

2. Express.js

Express.js, or simply Express, is a back end web application framework for Node.js, released as free and open-source software under the MIT License. It is designed for building web applications and APIs. It has been called the de facto standard server framework for Node.js.

3. TypeScript

TypeScript is a free and open source programming language developed and maintained by Microsoft. It is a strict syntactical superset of

JavaScript and adds optional static typing to the language. It is designed for the development of large applications and transpiles to JavaScript.

4. Angular

Angular is a TypeScript-based free and open-source web application framework led by the Angular Team at Google and by a community of individuals and corporations. Angular is a complete rewrite from the same team that built AngularJS.

5. React

React is a free and open-source front-end JavaScript library for building user interfaces based on UI components. It is maintained by Meta and a community of individual developers and companies.

6. MongoDB

MongoDB is a source-available cross-platform document-oriented database program. Classified as a NoSQL database program, MongoDB uses JSON-like documents with optional schemas.

Node.js supports all kinds of databases no matter if it is a relational database or NoSQL database. However, NoSQL databases like MongoDb are the best fit with Node. js.

THE EXISTING SYSTEM

The existing system is a manual system. Needs to be converted to automated system as it has a risk of

mismanagement of data,less security,no proper coordination of die rent applications and users,fewer users,friendly,accuracy not guaranteed and not in reach of distant users. Thus the system has to be automated.

In existing System the customer is completely depending on the manual process for buying the fashionable products. Manual Processing is a time consuming factor.

Thus we need to change to a system like “FASHION HUB (E COMMERCE WEB APPLICATION)”.

PROPOSED SYSTEM

Computerized System: - The proposed system is fully computerized. The data will be stored in the computer. Computerization improves efficiency of office work. It helps to cope up with the problem of reduced number of staff and to concentrate more to academic matters. This helps to keep data too many years without damage and can be recollected as and when needed without much time.

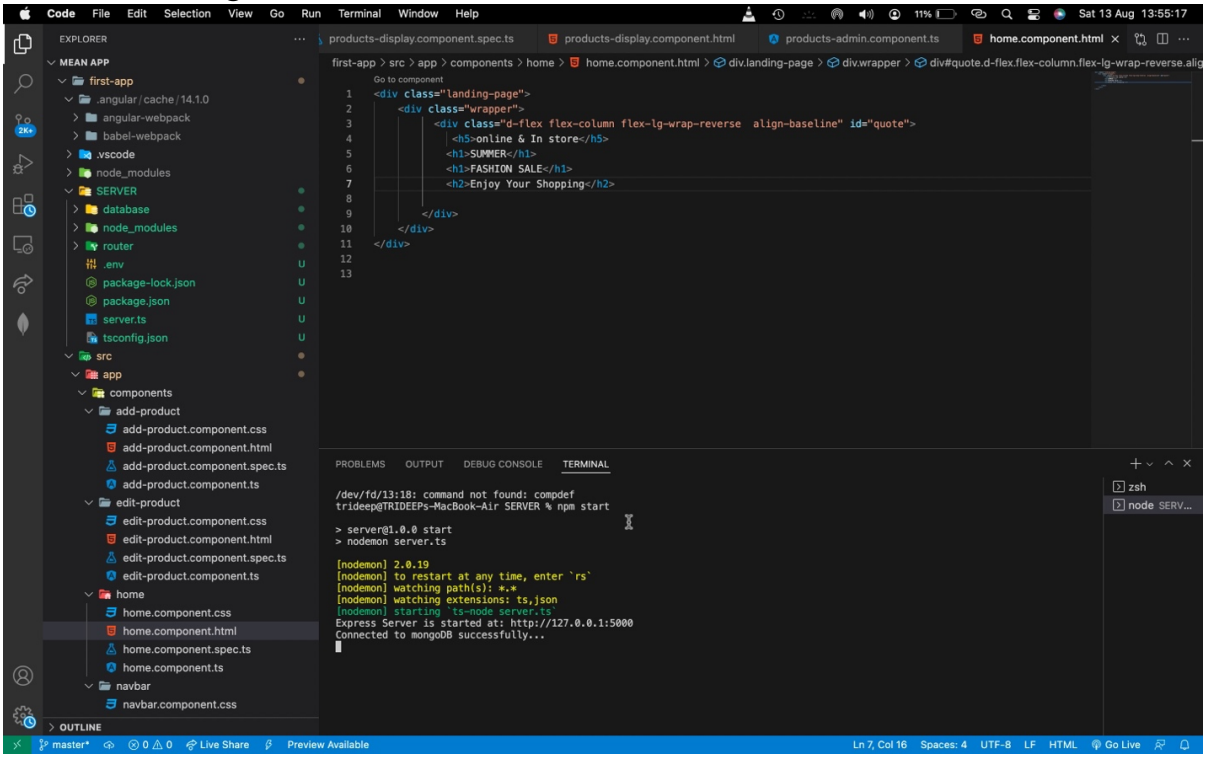
Errorless data: - The calculation of computer is accurate and errorless. So, the storing data in the computer is errorless data.

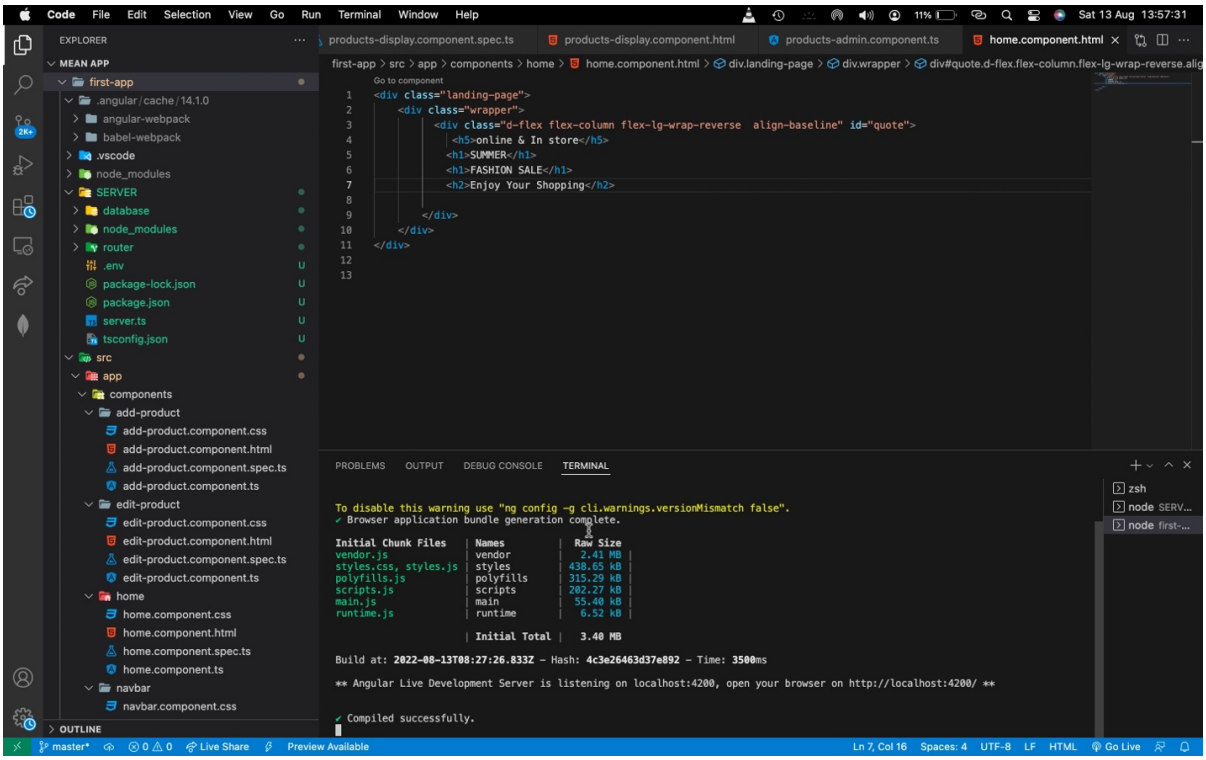
Save time: - The calculation, information storage and retrieval of data are computerized. So, it consumes the time.

Easy to operate: - The system should be easy to operate and should be that it can be developed within a short period of time and fit in the limited budget of the user

SCREEN SHOTS

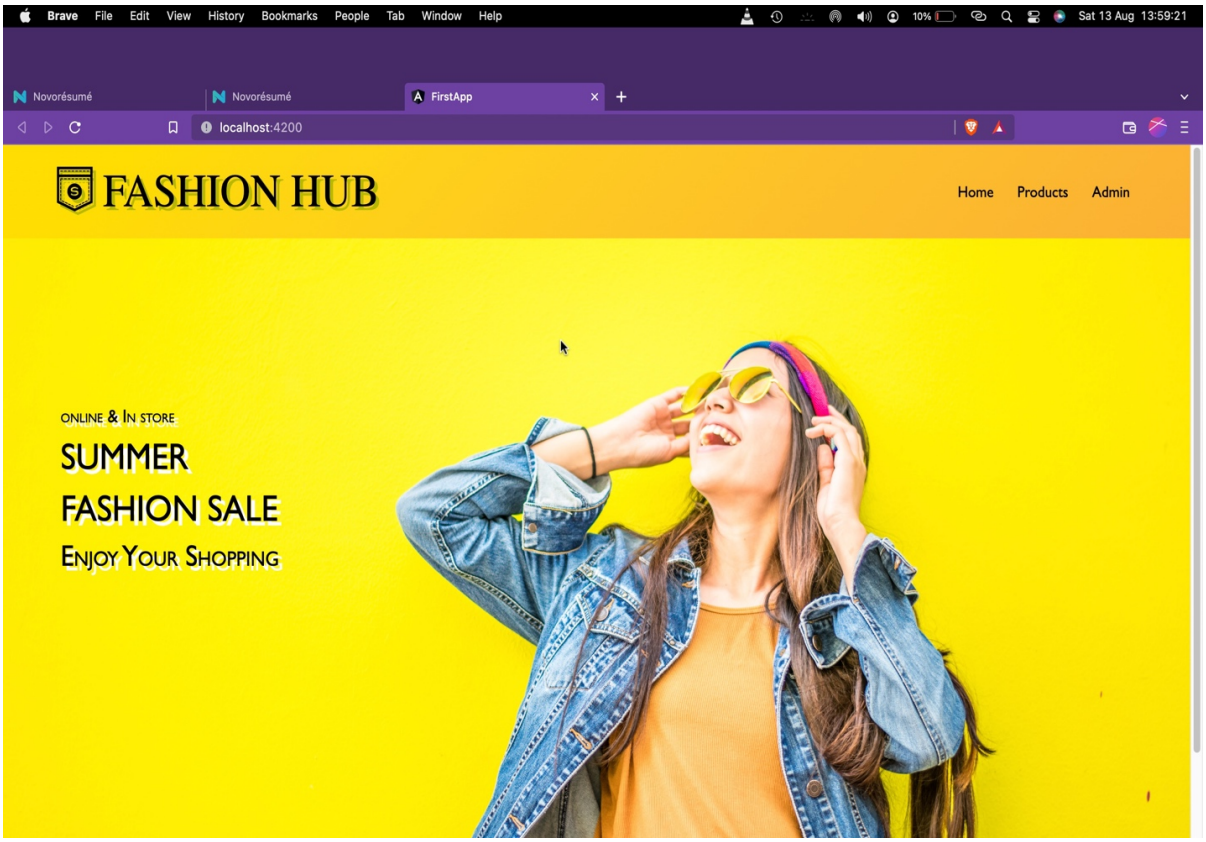
Following are some of screenshots :

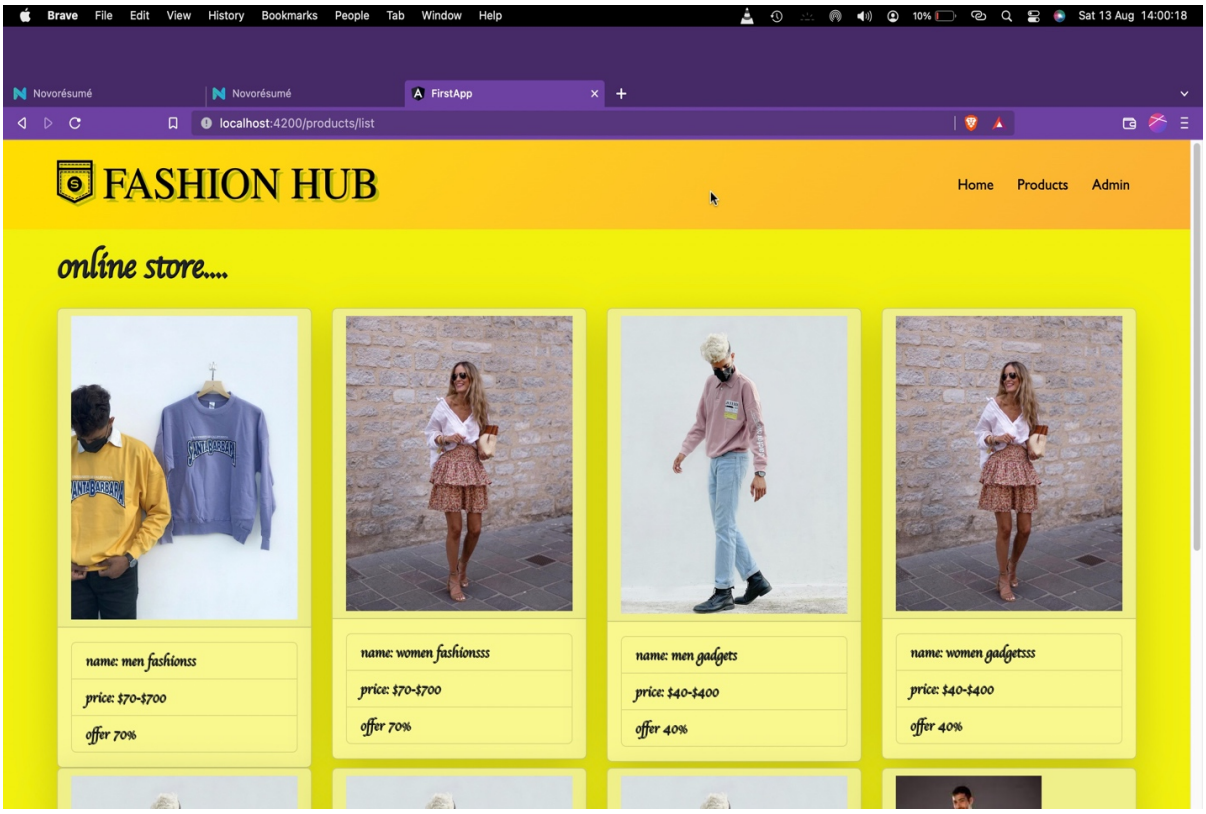


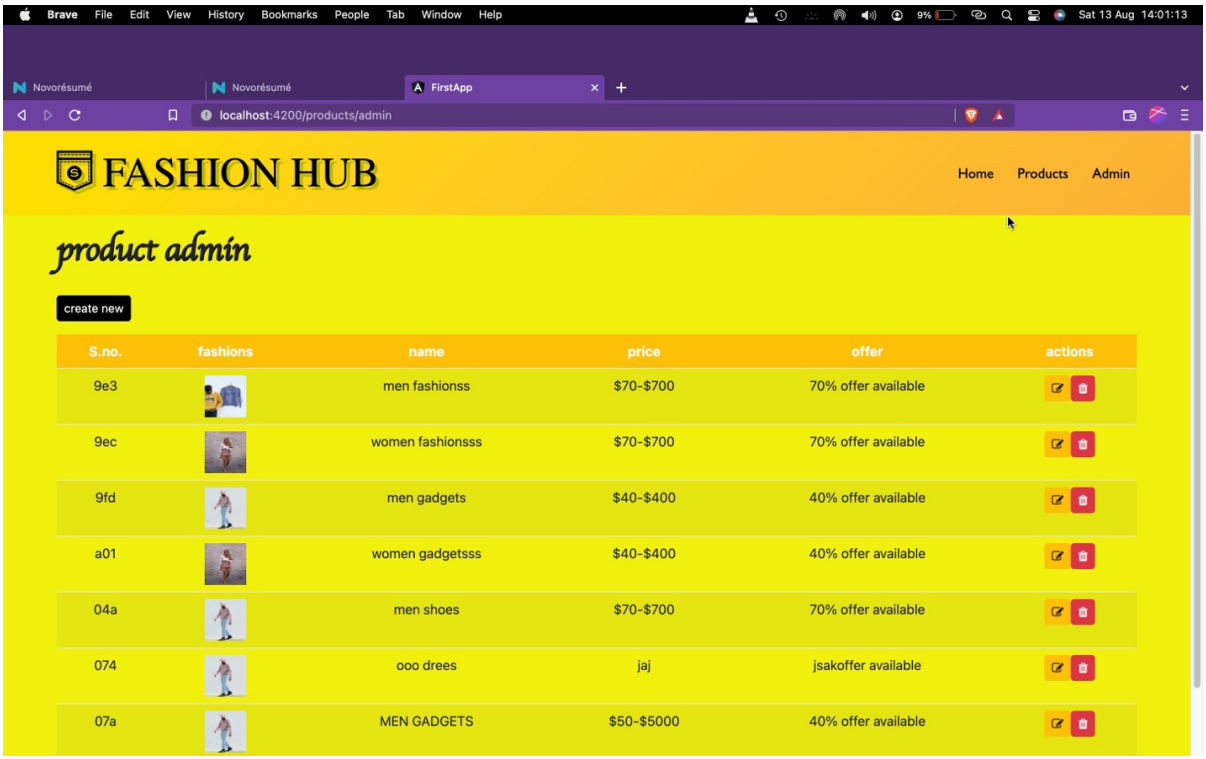

Code File Edit Selection View Go Run Terminal Window Help
Sat 13 Aug 13:57:31
EXPLORER
MEAN APP
first-app
.angular/cache/14.1.0
angular-webpack
babel-webpack
.vscode
node_modules
SERVER
database
node_modules
router
.env
package-lock.json
package.json
server.ts
tsconfig.json
src
app
components
add-product
add-product.component.css
add-product.component.html
add-product.component.spec.ts
add-product.component.ts
edit-product
edit-product.component.css
edit-product.component.html
edit-product.component.spec.ts
edit-product.component.ts
home
home.component.css
home.component.html
home.component.spec.ts
home.component.ts
navbar
navbar.component.css
OUTLINE
products-display.component.spec.ts
products-display.component.html
products-admin.component.ts
home.component.html
first-app > src > app > components > home > home.component.html > div.landing-page > div.wrapper > div#quote.d-flex.flex-column.flex-lg-wrap-reverse.alig
Go to component

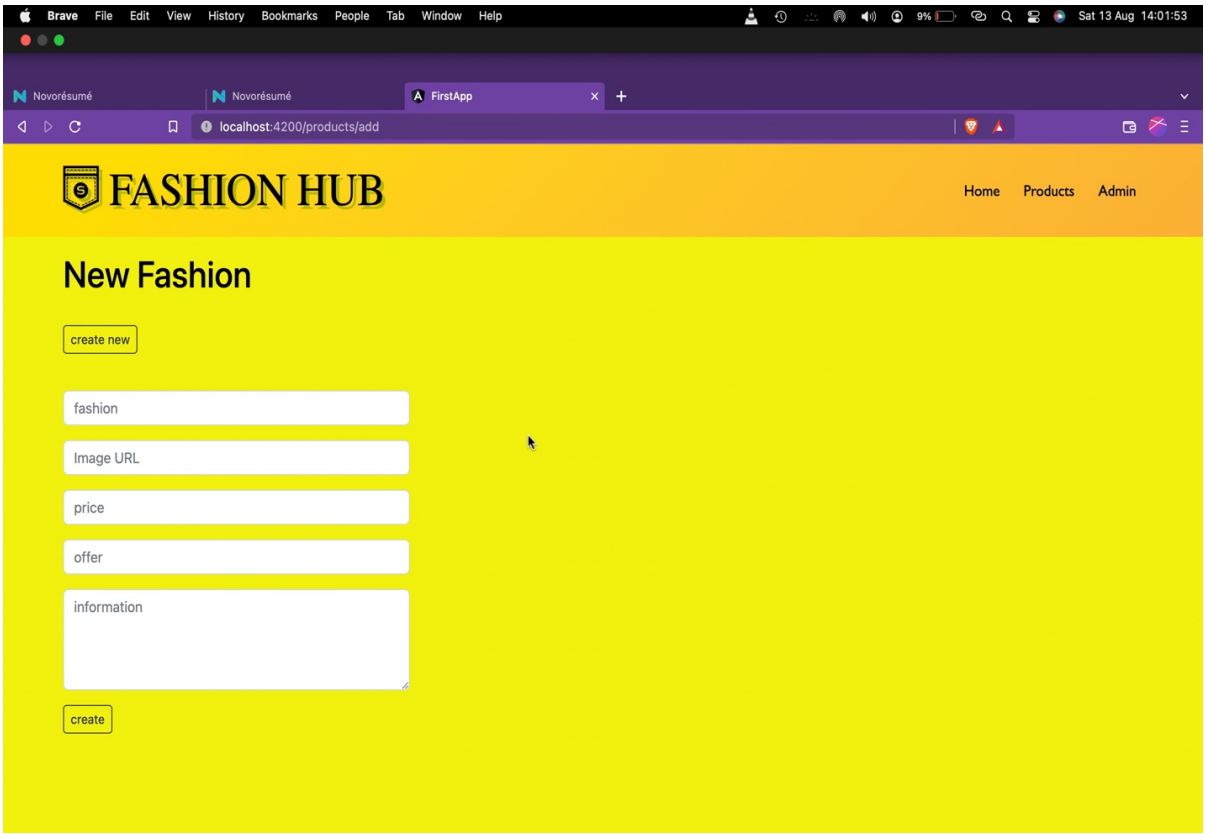
<h5>online & In store</h5>
<h1>SUMMER</h1>
<h1>FASHION SALE</h1>
<h2>Enjoy Your Shopping</h2>

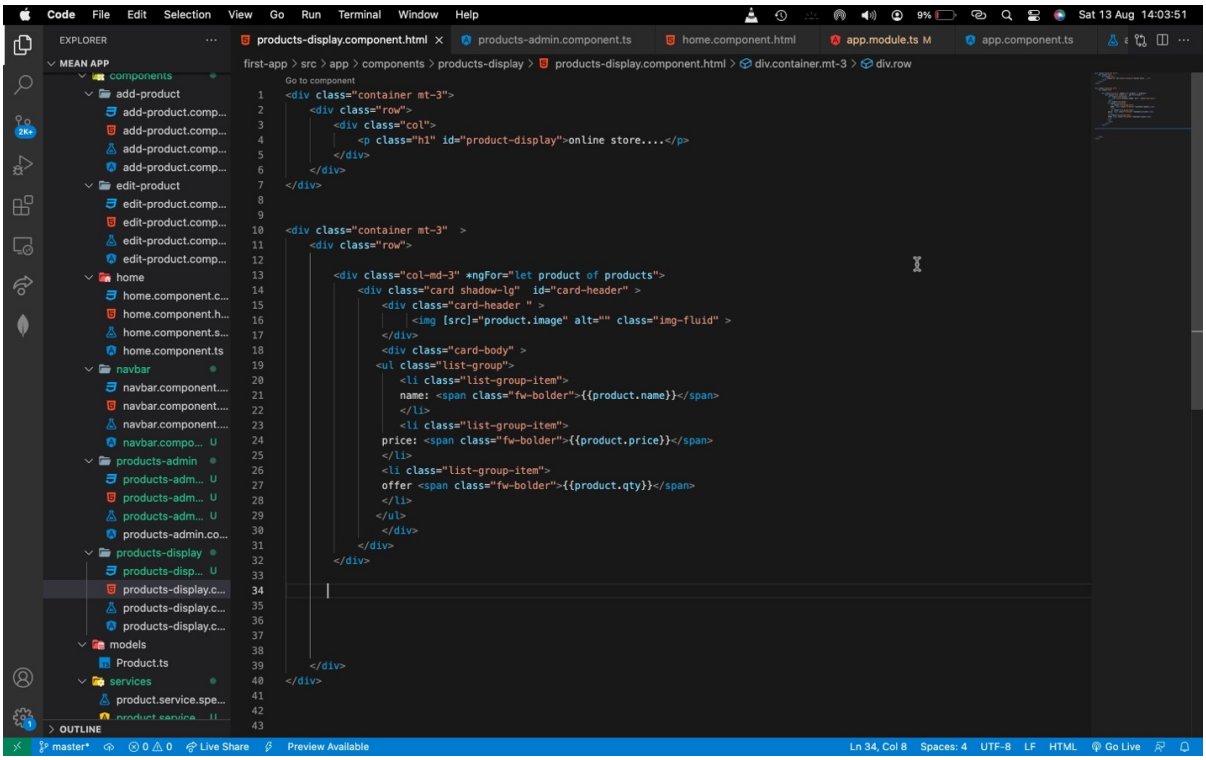
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
zsh
node SERV...
node first-...
To disable this warning use "ng config -g cli.warnings.versionMismatch false".
Browser application bundle generation complete.
Initial Chunk Files | Names | Raw Size
vendor.js | vendor | 2.41 MB
styles.css, styles.js | styles | 438.65 kB
polyfills.js | polyfills | 315.29 kB
scripts.js | scripts | 202.27 kB
main.js | main | 55.40 kB
runtime.js | runtime | 6.52 kB
Initial Total | 3.40 MB
Build at: 2022-08-13T08:27:26.833Z - Hash: 4c3e26463d37e892 - Time: 3500ms
** Angular Live Development Server is listening on localhost:4200, open your browser on http://localhost:4200/ **
Compiled successfully.
master*
Live Share
Preview Available
Ln 7, Col 16
Spaces: 4
UTF-8
LF
HTML
Go Live


Brave File Edit View History Bookmarks People Tab Window Help
Sat 13 Aug 13:59:21
Novorésumé
Novorésumé
FirstApp
localhost:4200
FASHION HUB
Home
Products
Admin
ONLINE & IN STORE
SUMMER
FASHION SALE
ENJOY YOUR SHOPPING


Brave File Edit View History Bookmarks People Tab Window Help
Sat 13 Aug 14:00:18
Novorésumé
Novorésumé
FirstApp
localhost:4200/products/list
FASHION HUB
Home
Products
Admin
online store....
name: men fashionss
price: $70-$700
offer 70%
name: women fashionsss
price: $70-$700
offer 70%
name: men gadgets
price: $40-$400
offer 40%
name: women gadgetsss
price: $40-$400
offer 40%


Brave File Edit View History Bookmarks People Tab Window Help
Sat 13 Aug 14:01:13
Novorésumé
Novorésumé
FirstApp
localhost:4200/products/admin
FASHION HUB
Home
Products
Admin
product admin
create new
S.no.
fashions
name
price
offer
actions
9e3
men fashionss
$70-$700
70% offer available
9ec
women fashionsss
$70-$700
70% offer available
9fd
men gadgets
$40-$400
40% offer available
a01
women gadgetsss
$40-$400
40% offer available
04a
men shoes
$70-$700
70% offer available
074
ooo drees
jaj
jsakoffer available
07a
MEN GADGETS
$50-$5000
40% offer available


Brave File Edit View History Bookmarks People Tab Window Help
Sat 13 Aug 14:01:53
Novorésumé
Novorésumé
FirstApp
localhost:4200/products/add
FASHION HUB
Home
Products
Admin
New Fashion
create new
fashion
Image URL
price
offer
information
create


products-display.component.html
products-admin.component.ts
home.component.html
app.module.ts M
app.component.ts
first-app > src > app > components > products-display > products-display.component.html > div.container.mt-3 > div.row

online store....

<div class="col-md-3" *ngFor="let product of products">

<img [src]="product.image" alt="" class="img-fluid" >

<ul class="list-group">
<li class="list-group-item">
name: {{product.name}}
<li class="list-group-item">
price: {{product.price}}
<li class="list-group-item">
offer {{product.qty}}
EXPLORER
MEAN APP
components
add-product
edit-product
home
navbar
products-admin
products-display
models
Product.ts
services
OUTLINE

CONCLUSION AND SUGGESTIONS

The software which I developed was implemented and tested with real data and were found to be error free. Also, it is found that the system will work successfully. I tried to make the system maximum user friendly. Information storage is the main consideration in this project. Any kind of users can make use of this software and make their work easier.

REFERENCES

- www.google.com
- www.w3schools.com
- www.stackoverflow.com
- www.quora.com
- www.youtube.com