Green University of Bangladesh

Department of Computer Science and Engineering(CSE)
Semester: (Summer, Year:2021), B.Sc. in CSE (Day)

Project Report

Course Title: Web programming Lab
Course Code: CSE-302   Section:193DE

Lab Project Name: Daily Mart Ecommerce website

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Status
Marks: ………………………………   Signature:………………..
Comments:……………………………………..   Date:…………………….. …

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Chapter 1

Introduction

1.1 Introduction

A website is a collection of publicly accessible, interlinked Web pages that share a single domain name. Websites can be created and maintained by an individual, group, business or organization to serve a variety of purposes.

1.2 Objective:

1. Development of Business-Relationship:

The business development can be done through the e-commerce being the primary and the basic object. As their direct contact in between the company and the consumer, their business relationship will be enhanced. Hence the area of the market can be increased.

2. Better-Customer Service:

As it is done round the clock, the customer will always have online help regarding the products. As all the information is furnished to the customer, it becomes easy to him to choose the best product among all other alternatives. As even the service can also be done through the net immediately, the customer service will be ballooned. By highlighting the customer service, the companies are trying to subjugate a lion-share in the market.

3. Getting more Customers:

In these days it becomes the mandate of the companies to double its customers, and this can be done by rendering the value add

service and maintaining the quality. Hence, it is also one of the primary objectives of the companies which supply impetus for the robust growth in sales and overall profit.

Chapter2

Design/Development/Implementation of the Project

For developing this project we used some trending technology as we mentioned before. We used React for the full front end of this project and most of the functionality we did with react. For the backend we used node.js which is a javaScript runtime and we also connect mongoDB database with node.js.Developing this project is not so easy for us. We taken a lot of help from interntet resources.

2.2 Subsection (Code):

Home page:

```
import { Button, Spinner } from 'react-bootstrap';
import React, {useEffect, useState } from 'react';
import './Home.css'
import AllProducts from '../AllProducts/AllProducts';
import spinner from '../../Images/Copper-Loader.gif'

const Home = () => {
    const [products,setProducts]=useState([])
    useEffect(()=>{
        fetch('https://lit-everglades-
20763.herokuapp.com/allProducts')
        .then(res=>res.json())
        .then(data=>{
            setProducts(data)
        })
    },[])
    return (
        <div className="container">
            <div className="search-field">
                <input className='input' type="text"
placeholder=  "Search grocery items..."/>
```

```
            <Button variant='success'>Search</Button>
        </div>
        <div className="spinner">
          {
              products.length === 0 && <img
src={spinner} alt=""/>
          }
        </div>
        <div className="mt-5 row ">
          {
              products.map(product=> <AllProducts
product={product}></AllProducts>)
          }
        </div>
        <footer className='footer'><p>All rights
reserved by @jakirul,Nur,Nazifa</p></footer>
      </div>
    );
};
export default Home;
```
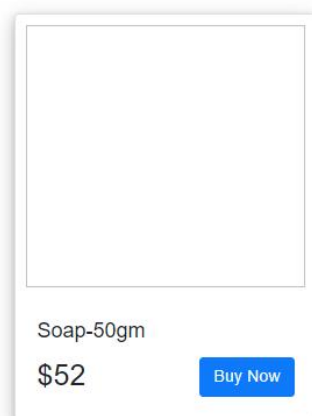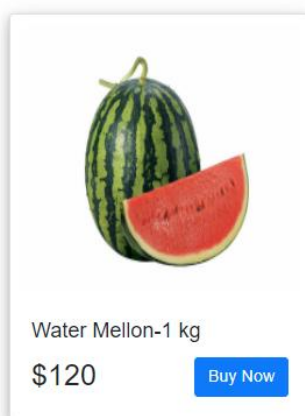
Output:

Order page:

```jsx
import React, { useContext, useEffect, useState } from
'react';
import { Table } from 'react-bootstrap';
import { UserContext } from '../../App';
import './Orders.css'

const Orders = () => {
    const
[loggedInUser,setLoggedInUser]=useContext(UserContext);
    const [orderProduct,setOrderProduct]=useState([])
    const email=loggedInUser.email;

    useEffect(()=>{
        fetch('https://lit-everglades-
20763.herokuapp.com/orderList?email='+email)
        .then(res=>res.json())
        .then(data=>setOrderProduct(data))
    },[])

    return (
        <div className="container">
            <div className='order-table'>
                <div className='orderer'>
                    <h3><span
style={{color:'orange'}}>{loggedInUser.name}</span> your
order list:</h3>
                    <h5>Total Order:
{orderProduct.length}</h5>
                </div>
                <div>
                <Table striped bordered hover>
                <thead>
                    <tr>
                    <th>Product Name</th>
                    <th>Weight</th>
                    <th>Price</th>
```

```jsx
                        <th>Date</th>
                        <th>Ordered Time</th>
                        </tr>
                </thead>
                <tbody>
                    {
                        orderProduct.map(product=>{
                            const {orderTime,date}=product;
                            const
{name,weight,price}=product.product;
                            return(
                                <tr>
                                <td>{name}</td>
                                <td>{weight}</td>
                                <td>{price}</td>
                                <td>{date}</td>
                                <td>{orderTime}</td>
                                </tr>)
                    })
                    }
                </tbody>
                </Table>
                </div>
            </div>
        </div>
    );
};

export default Orders;
```

Output:

DAILY-MART

Home   Orders   Admin   Deals   [Log Out]

Jakirul Islam your order list:

Total Order: 4

Product Name	Weight	Price	Date	Ordered Time
apple	50kg	120	11/19/2021	12:01:23 AM
Sugar	1 kg	100	12/11/2021	12:35:21 AM
Sugar	1 kg	100	1/5/2022	11:55:51 PM
Sugar	1 kg	100	1/5/2022	11:59:00 PM

Admin page:

```
import React, { useContext } from 'react';
import './Admin.css'
import mng from '../../Images/grid 1.png'
import add from '../../Images/plus 1.png'
import edit from '../../Images/edit 1.png'
import {
    BrowserRouter as Router,
    Switch,
    Route,
    Link
  } from "react-router-dom";
import ManageProduct from '../ManageProduct/ManageProduct';
import AddProducts from '../AddProducts/AddProducts';
import { UserContext } from '../../App';

const Admin = () => {
    const
[loggedInUser,setLoggedInUser]=useContext(UserContext);
    return (
        <Router>
            <div className="container">
                <div class="sidebar">
```

```jsx
                        <Link to="/manageProduct"><img
className='icon' src={mng} alt=""/><p>Manage
Product</p></Link>
                        <Link to="/addProduct"><img
className='icon' src={add} alt=""/> <p>Add
Product</p></Link>
                        <Link><img className='icon' src={edit}
alt=""/><p>Edit Product</p></Link>
                    </div>
                    <div class="content">
                        <div className="admin-detail">
                            <img src={loggedInUser.image}
alt=""/>

                            <h3>{loggedInUser.name}</h3>
                        </div>
                        <Switch>
                        <Route path="/manageProduct">
                            <ManageProduct/>
                        </Route>
                        <Route path="/addProduct">
                            <AddProducts/>
                        </Route>
                        </Switch>
                    </div>

                </div>
            </Router>
    );
};

export default Admin;
```
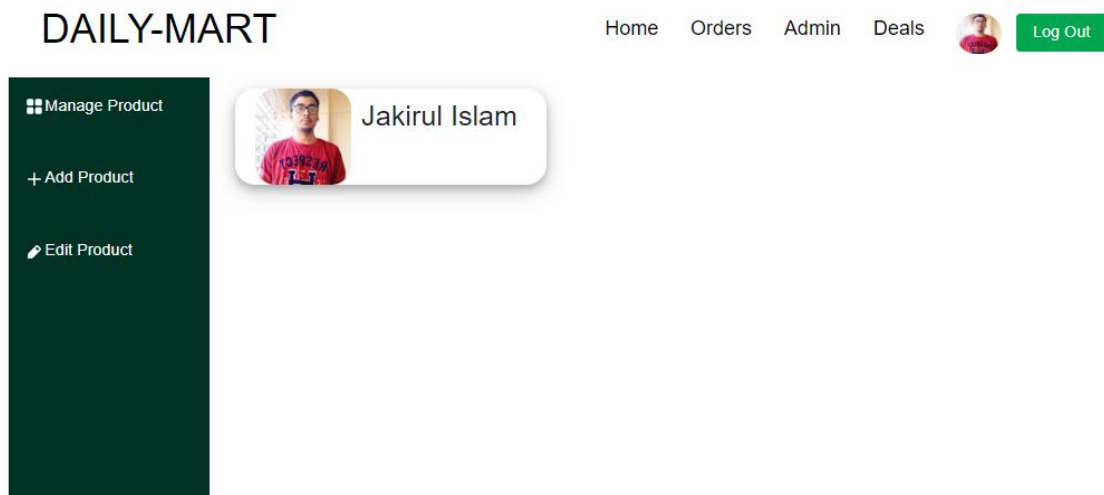
Output:

DAILY-MART

Home   Orders   Admin   Deals   Log Out

Manage Product

+ Add Product

Edit Product

Jakirul Islam

Chapter 3
Performance Evaluation

3.1 Simulation Environment/ Simulation Procedure:

1.The program of this project has been written in Vs Code software.

2. The project was written in Node.js , Javascript,html,Css

3. Our project was a small model and used a stack.

4. The operating system was Windows and we watched the output in the console of Vs Code software

3.2 Results and Discussions

3.2.1 Results
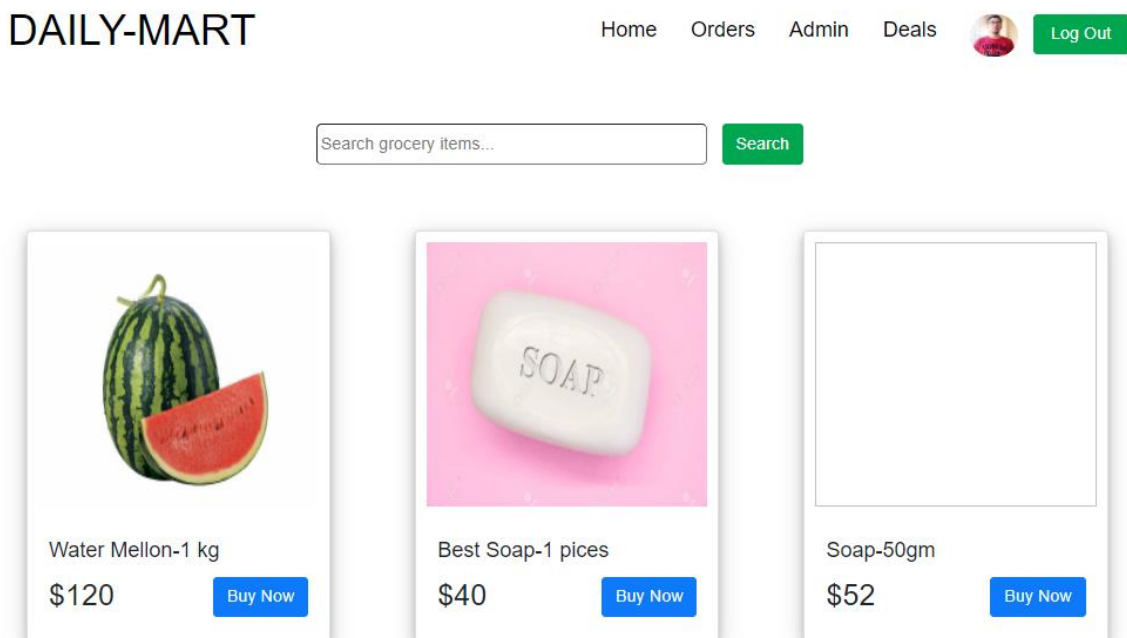
DAILY-MART

Home   Orders   Admin   Deals   Log Out

Jakirul Islam your order list:

Total Order: 4

Product Name	Weight	Price	Date	Ordered Time
apple	50kg	120	11/19/2021	12:01:23 AM
Sugar	1 kg	100	12/11/2021	12:35:21 AM
Sugar	1 kg	100	1/5/2022	11:55:51 PM
Sugar	1 kg	100	1/5/2022	11:59:00 PM

DAILY-MART

Home   Orders   Admin   Deals   Log Out

- Manage Product
- + Add Product
- Edit Product

Jakirul Islam

Manage Product

Product Name	Weight	Price	Action
Water Mellon	1 kg	$120	✏️ 🗑️
Best Soap	1 pices	$40	✏️ 🗑️
Soap	50gm	$52	✏️ 🗑️

3.2.2 Analysis and Outcome

We made this project considering the factors mentioned below :
1. The first step was the main screen. The main screen shows the Home page and then starts Products information regarding status based on the service list
2. The user will be shown the menu and the user can select the menu he wants, this is convenient for the user, because, after selecting the menu the whole meu will be popped again in front of the end-user

Chapter 4

Conclusion

4.1 Introduction

An eCommerce website is an information technology method in which traders, marketers can sell products services and the customer can purchase on that website electronically by using the internet on the mobile and computer. It means an e-commerce website is an online shop. e means electronic. Commerce means business. Website means the group of HTML web pages and that is created to market/sell information/product/services.

4.2 Practical Implications

1. we can search of our desire product & we can add it to cart.
2. We also can buy it without add to cart. After completing the checkout product will be placed to the location of customer.

4.3 Scope of Future Work
There are lots of scope in this project for future work.

1. We will add github, facebook , and email password authentication system.
2. We will add more feature in user and admin dashboard.
3. We will add more route like contact , about us and etc.

References:

https://reactjs.org/

https://nodejs.org/en/

https://www.mongodb.com/

https://expressjs.com/

https://www.npmjs.com/package/nodemon

https://react-icons.github.io/react-icons/