

E-MART

CSD334-Mini Project 2022

Jaison Dennis
20CSA34
MDL20CS060

B. Tech. Computer Science & Engineering



Department of Computer Engineering
Govt. Model Engineering College Thrikkakara
Thrikkakara, Kochi 682021
Phone: +91.484.2575370
<http://www.mec.ac.in>
hodcs@mec.ac.in

Govt. Model Engineering College Thrikkakara

Dept. of Computer Engineering



C E R T I F I C A T E

This is to certify that, this report titled ***E-MART*** is a bonafide record of the work done by **20CSA34 MDL20CS060 Jaison Dennis** , **Fifth Semester** B. Tech. Computer Science & Engineering student, for the course work in **CSD334-Mini Project 2022** which is the Mini Project Work, under our guidance and supervision, in partial fulfillment of the requirements for the award of the degree, B. Tech. Computer Science and Engineering of **APJ Abdul Kalam University** .

Coordinator

Head of the Department

Veena Briji Philip
Assistant Professor

Dr.Preetha Theresa Joy
Head of the Department
Professor

Computer Engineering

Computer Engineering

January 6, 2023

Acknowledgements

We would like to express deepest appreciation towards **Dr.Jacob Thomas**, Principal, Govt. Model Enginnering College , Thrikkakara, **Prof. Preetha Theresa Joy**, Head of Department of Computer Engineering and **Mrs.Veena Briji Philip** , Project Coordinator whose invaluable guidance supported us in completing this project.

At last we must express our sincere heartfelt gratitude to all the staff members of Computer Engineering Department who helped me directly or indirectly during this course of work.

Jaison Dennis
Jagannath E Shahi
Christopher Roy

Abstract

This project 'E-Mart' is an e-commerce platform which sells its goods and services online making it easier for the user to access a wide variety of items from a single platform. E-Mart allows customers to browse and purchase products from a variety of sellers through a web browser. The platform handles all aspects of the transaction, including payment processing, order fulfillment, and order tracking. The platform may also offer features such as personalized recommendations, wish lists, and reviews to help customers find the products they are looking for. Users can also add products to cart and buy them at a later time. Users can search and filter products based on price, brand and offers. Our platform is open for both end users and sellers. The goal of the platform is to create a convenient and easy-to-use shopping experience for customers, while also providing a means for sellers to reach a larger audience and grow their businesses.

Contents

1	Introduction	1
1.1	Proposed Project	2
1.1.1	Problem Statement	2
1.1.2	Proposed Solution	2
2	Report of Preparatory Work	3
2.0.1	System Study Report	3
3	Project Design	4
3.1	High Level Design	4
3.2	Block Diagrams	4
3.3	Algorithms	4
3.4	Hardware & Software Requirements	4
3.5	Work Schedule	4
4	Screenshots	5
5	Conclusion	13
	References	14

Chapter 1

Introduction

An online e-commerce platform is a digital marketplace that enables businesses and individuals to sell products and services to customers over the internet. The platform provides a central location for sellers to list their products, and for customers to browse and make purchases. With the increasing popularity of online shopping, the demand for convenient and reliable e-commerce platforms has grown significantly. Online shopping allows you to shop anytime, anywhere, as long as you have an internet connection. This is especially convenient for people with busy schedules or those who live in rural areas with limited access to physical stores.

It also have a much wider selection of products than traditional brick-and-mortar stores. This is because they do not have the same space constraints and can offer a larger inventory. In addition, online retailers often offer products from a variety of brands and manufacturers, giving you more options to choose from. Online retailers often have lower overhead costs, such as rent and utilities, which allows them to offer competitive prices. In addition, it is easy to compare prices from different online retailers to find the best deal. Online e-commerce platforms allow customers to leave reviews of products, which can be helpful in making informed purchasing decisions and provide valuable insights into the quality and functionality of a product, as well as any potential

issues. Online retailers often have more lenient return policies, making it easier to return or exchange items that are not satisfactory. Online e-commerce platforms can use your purchase history and browsing data to make personalized product recommendations, which can save you time and help you discover required products.

1.1 Proposed Project

1.1.1 Problem Statement

1.1.2 Proposed Solution

This should clearly, without any scope for differing interpretations later, state the methods you are suggesting to achieve the result.

Chapter 2

Report of Preparatory Work

2.0.1 System Study Report

Chapter 3

Project Design

3.1 High Level Design

3.2 Block Diagrams

3.3 Algorithms

3.4 Hardware & Software Requirements

3.5 Work Schedule

Chapter 4

Screenshots

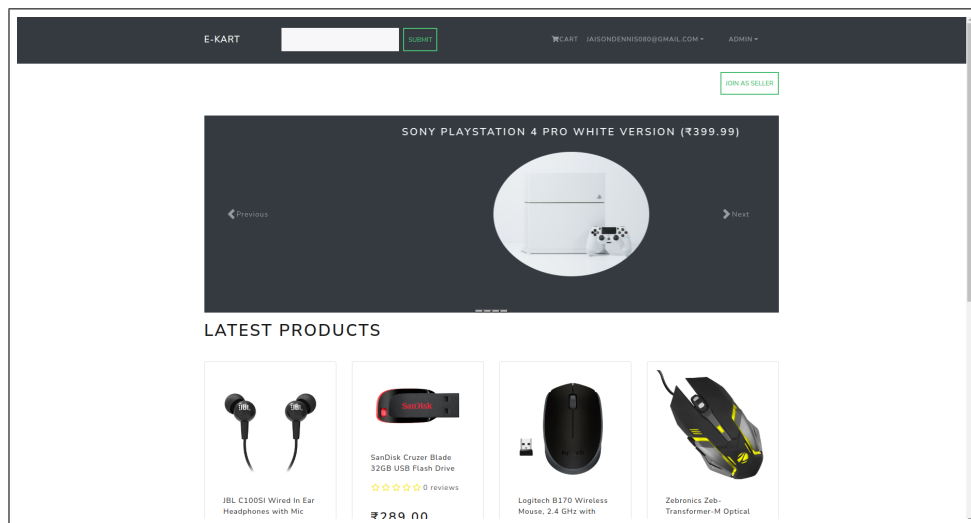


Figure 4.1: Home Screen

4. Screenshots

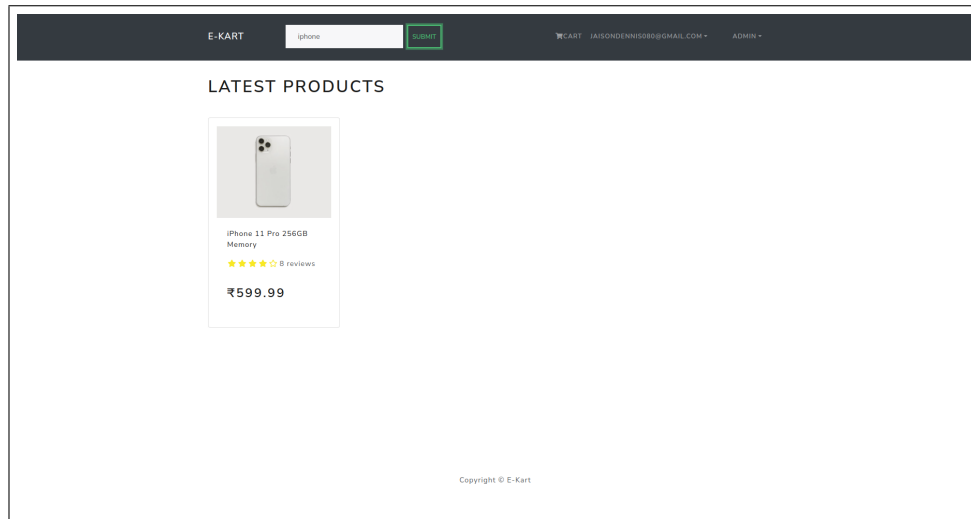


Figure 4.2: Search Products

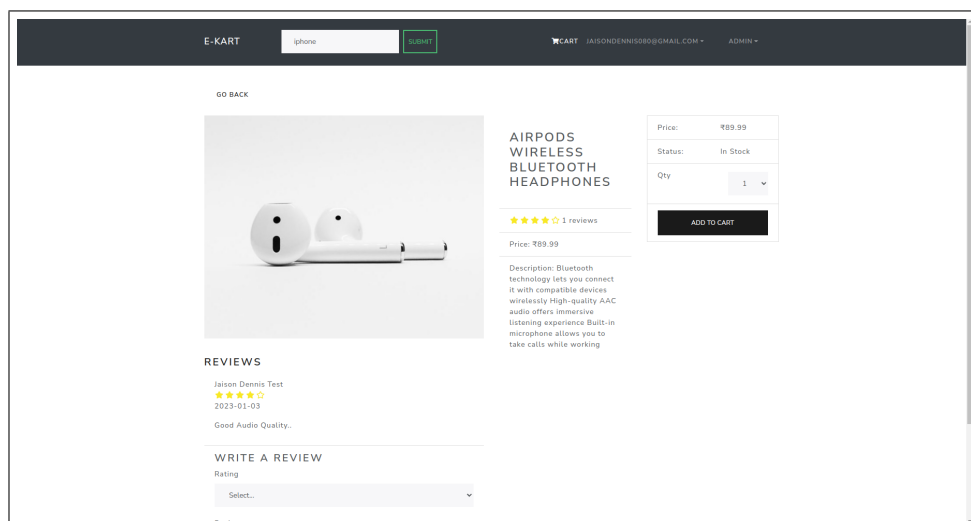


Figure 4.3: Product Description

4. Screenshots

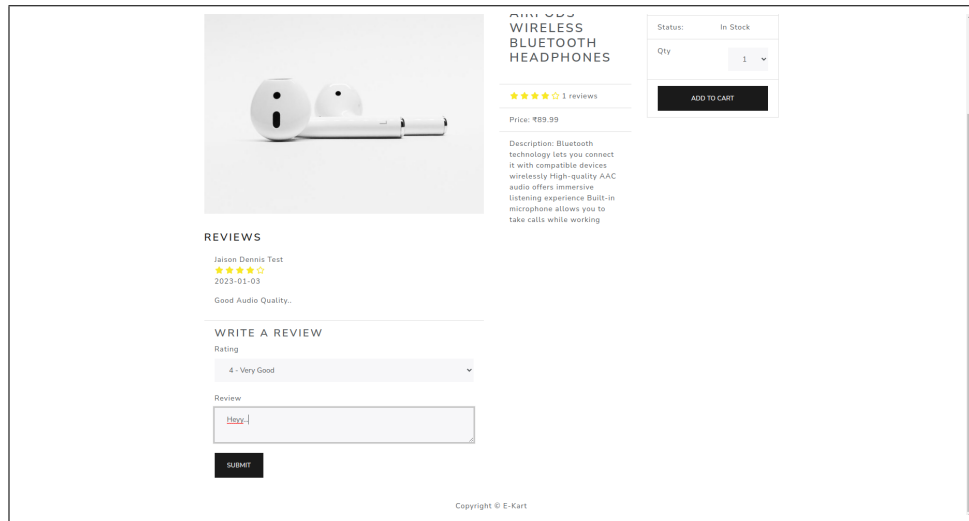


Figure 4.4: Reviews

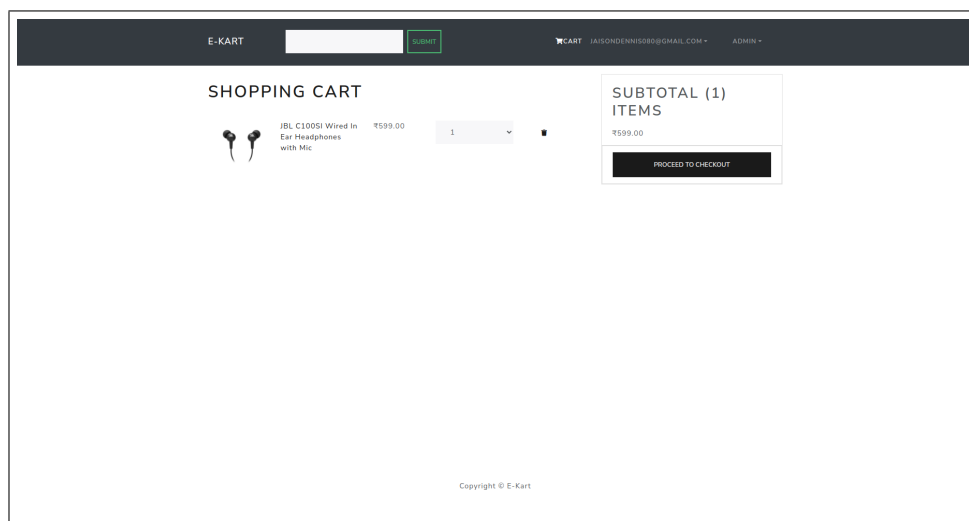


Figure 4.5: Shopping Cart

4. Screenshots

The screenshot shows the 'SHIPPING' page of the E-Kart application. The top navigation bar is dark blue with 'E-KART' on the left, a search bar with a 'SUBMIT' button, and user information 'JAISONDENNIS89@GMAIL.COM' and 'ADMIN' on the right. Below the navigation bar, there are links for 'Login', 'Shipping', 'Payment', and 'Place Order'. The 'SHIPPING' section is centered, with a form for entering shipping details. The form fields are: Address (Enchath House Eryankudy P.O. Mambra), City (Thiruvur), Postal Code (680308), and Country (India). A 'CONTINUE' button is located below the form. At the bottom of the page, there is a copyright notice: 'Copyright © E-Kart'.

Figure 4.6: Shipping Details

The screenshot shows the 'Select Method' page of the E-Kart application. The top navigation bar is dark blue with 'E-KART' on the left, a search bar with a 'SUBMIT' button, and user information 'JAISONDENNIS89@GMAIL.COM' and 'ADMIN' on the right. Below the navigation bar, there are links for 'Login', 'Shipping', 'Payment', and 'Place Order'. The 'Select Method' section is centered, with a form for selecting a payment method. The form has a single option: 'PayPal or Credit Card'. A 'CONTINUE' button is located below the form. At the bottom of the page, there is a copyright notice: 'Copyright © E-Kart'.

Figure 4.7: Payment Method

4. Screenshots

E-KART

Navigation: Login Shipping Payment Place Order

SHIPPING
Shipping: Erezhath House Eryankudy P.O. Mambra, Thrissur 680308, India

PAYMENT METHOD
Method: PayPal

ORDER ITEMS

🔊 JBL C100SI Wired In Ear Headphones with Mic	1 X ₹599.00 = ₹599.00
---	-----------------------

ORDER SUMMARY

Items:	₹599.00
Shipping:	₹0.00
Tax:	₹49.12
Total:	₹648.12

Copyright © E-Kart

Figure 4.8: Confirm Order

E-KART

Navigation: Login Shipping Payment Place Order

ORDER:

SHIPPING
Name: jaionsdennis080@gmail.com
Email: jaionsdennis080@gmail.com
Shipping: Erezhath House Eryankudy P.O. Mambra, Thrissur 680308, India
Not Delivered

PAYMENT METHOD
Method: PayPal
Not Paid

ORDER ITEMS

🔊 JBL C100SI Wired In Ear Headphones with Mic	1 X ₹599.00 = ₹599.00
---	-----------------------

ORDER SUMMARY

Items:	₹599.00
Shipping:	₹0.00
Tax:	₹49.12
Total:	₹648.12

Powered by **PayPal**

Copyright © E-Kart

Figure 4.9: Order Status

4. Screenshots

USER PROFILE

Name: jaisondennis080@gmail.com

Email Address: jaisondennis080@gmail.com

Password: *****

Confirm Password: Confirm Password

UPDATE

MY ORDERS

ID	DATE	TOTAL	PAID	DELIVERED
31	2023-01-03	₹324.54	✗	DETAILS
32	2023-01-03	₹432.79	✗	DETAILS
33	2023-01-03	₹64.09	✗	DETAILS
36	2023-01-06	₹648.12	✗	DETAILS
38	2023-01-06	₹648.12	✗	DETAILS

Copyright © E-Kart

Figure 4.10: User Profile

USERS

ID	NAME	EMAIL	ADMIN	
10	jaisondennis080@gmail.com	jaisondennis080@gmail.com	✓	⌵ ✗
11	Jaison Dennis Test	jaisondennis090@gmail.com	✓	⌵ ✗

Copyright © E-Kart

Figure 4.11: View Users

4. Screenshots

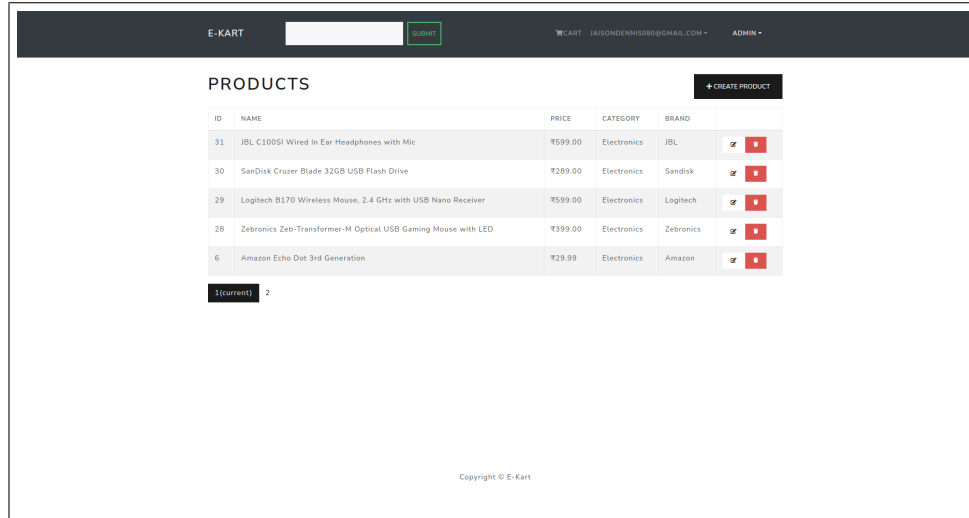


Figure 4.12: View Products

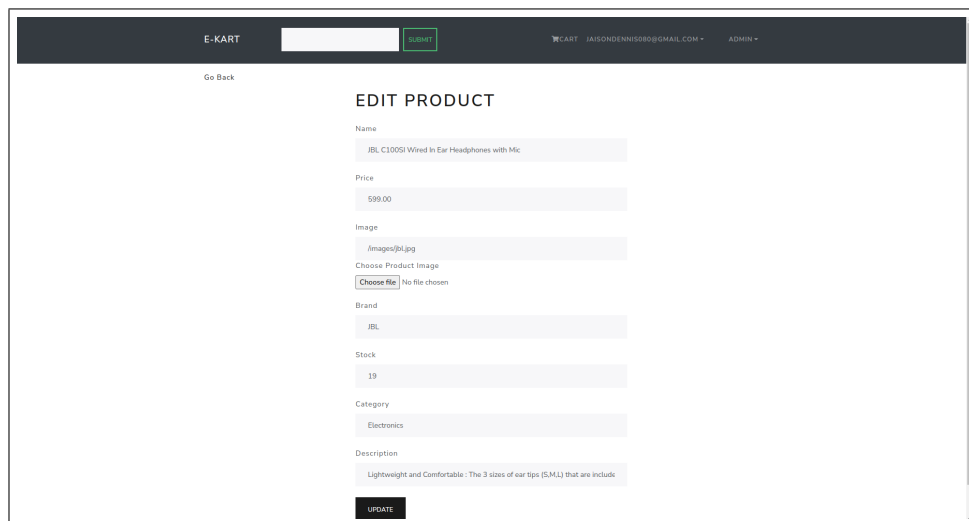


Figure 4.13: Edit Product

4. Screenshots

ORDERS

ID	USER	DATE	TOTAL	PAID	DELIVERED	
31	jaisondennis080@gmail.com	2023-01-03	324.54	✓	✓	DETAILS
32	jaisondennis080@gmail.com	2023-01-03	432.79	✓	✓	DETAILS
33	jaisondennis080@gmail.com	2023-01-03	64.09	✓	✓	DETAILS
34	Jaison Dennis Test	2023-01-06	2196.40	✓	✓	DETAILS
35	Jaison Dennis Test	2023-01-06	659.98	✓	✓	DETAILS
36	jaisondennis080@gmail.com	2023-01-06	648.12	✓	✓	DETAILS
37	Jaison Dennis Test	2023-01-06	42.45	✓	✓	DETAILS
38	jaisondennis080@gmail.com	2023-01-06	648.12	✓	✓	DETAILS

Copyright © E-Kart

Figure 4.14: View Orders

Chapter 5

Conclusion

References

- [1] Shih-Chia Huang, Fan-Chieh Cheng, and Yi-Sheng Chiu, "*Efficient Contrast Enhancement Using Adaptive Gamma Correction With Weighting Distribution*", IEEE TRANSACTIONS ON IMAGE PROCESSING, VOL. 22, NO. 3, pp.1032-1041, MARCH 2013
- [2] Rafael C. Gonzalez and Richard E. Woods. *Digital Image Processing*. Pearson Education, Third edition, 2009
- [3] William K. Pratt, *Digital Image Processing: PIKS Inside*, Wiley-Interscience Publication, Third Edition. 2001