ONLINE WEB PORTAL FOR NAVNATH ELECTRIC SHOP

"Web Portal for Navnath Electrical shop"

In Partial Fulfillment of the Requirement for Award of the Degree of

"BACHELOR OF BUSINESS ADMINISTRATOR

(COMPUTER APPLICATION)"

BY

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Project Guide: - Mr. Anil Kaloke Sir

VIDYA PRATISHTHAN'S

ART'S, SCIENCE AND COMMERCE COLLEGE,

VIDYANAGARI, BARAMATI-43133

SAVITRIBAI PHULE PUNE UNIVERSITY,PUNE

TYBBA(CA) (SEM V) YEAR (2024-2025)

VIDYA PRATISHTHAN'S

ARTS, SCIENCE AND COMMERCE COLLEGE,

VIDYANAGARI, BARAMATI-413133

CERTIFICATE
DEPARTMENT OF COMPUTER APPLICATION

This is to certify that Mr. **Gawand Prajwal Balaso** & Mr.**Kadam Tejas Shivaji** TYBBA(CA) has

satisfactory at carried out the project work according to the syllabus prescribed by Savitribai Phule

Pune University,in COMPUTER APPLICATION and this project 2024-2025.

Roll No:- 20   Exam Seat No:-

Roll No:- 34   Exam Seat No:-

Batch In charge   HOD

Date: /   /2024   Date: /   /2024

External Examiner   Internal Examiner

Date: /   /2024   Date: /   /2024

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Roll No:- 34   Exam Seat No:-

Batch In charge   HOD

Date: / /2024   Date: / /2024
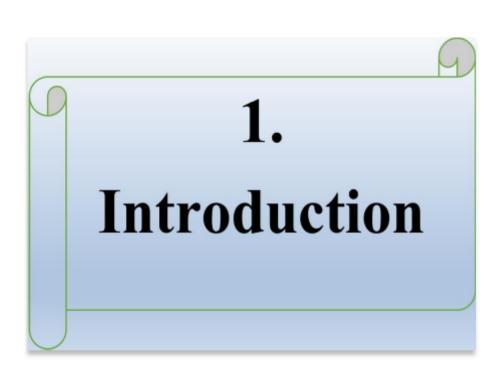
External Examiner   Internal Examiner

Date: / /2024   Date: / /2024

<u>INDEX</u>

1.
Introduction

1.1 <u>ABSTRACT</u>

The Online Web Portal for Navnath Electric Shop is a comprehensive digital platform designed to enhance the shopping experience for customers seeking electrical products and services. This portal provides a user-friendly interface, allowing customers to easily browse, search, and purchase a wide range of electrical items, including wiring, lighting fixtures, and appliances

1 . 2 <u>Introduction</u>

The "Electrical Shop Management System" has a web based website. This software is supported to eliminate and in some cases reduce the hardships facedby this existing system. Electrical Shop Management software helps Electrical showrooms owners and management staff by producing different kind of financial and stock tracking reports, etc. This software is able to manage all electrical stocks. In this software shop owner can manage the data of customer and buyers.

1.3 <u>Existing System</u>

In the existing system the are done only manually but in proposed system wehave To computerize the using this application.

Limitation Of Existing System:

- Lack of security of data.

- More man power.

- Time consuming.

- Cash-back offers not present.

- Needs manual calculations.

1.3 <u>Existing System</u>

In the existing system the are done only manually but in proposed system wehave To computerize the

1.4 <u>Proposed System</u>

The aim of proposed system is to develop a system of improved facilities. Thesystem can overcome all the limitations of the existing system. The system provides proper security and reduces the manual work.

- Security of data.

- Minimize manual data entry.

- Minimum time needed for the various processing.

- User friendliness and interactive.

- Minimum time required.

1.5 Scope of the System

- To provide users to purchase electrical equipment online.

- To reduce user's searching time.

- The satisfy the user requirements.

- Be easy to operate.

- Delivery on schedule within the budget.

1.6 <u>Operating Requirement</u>

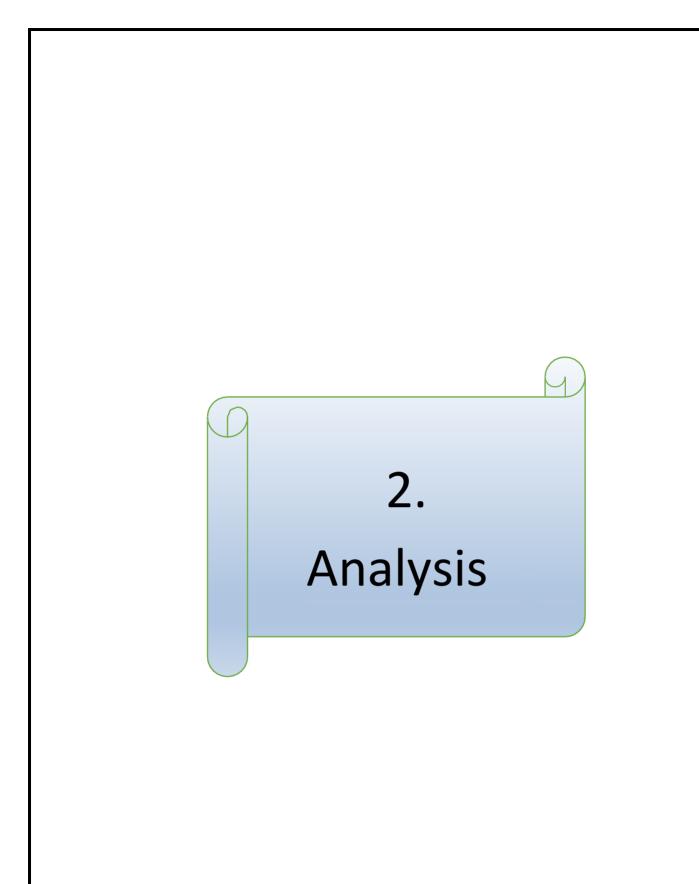## Hardware Requirement:-

- Processor : intel core i3

- RAM : 8GB

- Hard Disk : 512GB

Software Requirement:-

- Operating System : Windows10

- Front End : Html5, Css3, JavaScript,

- Back End : PHP, MYSQL

2. Analysis

2.1 <u>Fact Finding Techniques</u>

Information gathering in large and Complex Organization is not an easytask. It has to be gathered in an organized way so that no system details left out, right problem ate identified, respective work is avoided and wrong details are notcollected. The specific methods used for collecting data about requirements are called as fact-finding techniques.

They are: -

1) **Interview: -**

This technique is used to collect information from individuals or groups. We need this technique frequently in the system analysis. We choose some administrator in college or school who take details of students and teachers and store it. Interview are not always source for collecting the information because of time required for interview.

Two Types of Interviews: -

• **Structured Interview: -**

Structured interview uses standardized questions. In structure interview time may be limited. It required deep study and preparation.

• **Unstructured Interview: -**

It allows respondent to answer in their own words. In this interview different types of the questions are raised. It may collect extra and unnecessary information.

Following are some questions:

1. How does you find the data?
2. How do you keep information about transections?
3. Where is entry made?

4. What are the major and minor problems in the existing system?
5. Which method are used to solve the problems?

2) Observation: -

Observation method is most useful when the analyst needs to be actually observed how documents are handle, how process is carried out and whether specified steps are actually followed or not. It provides close view of the working of the real system. System analyst observes people, objects, documents and occurrences of events. It allows analyst to get information, which they cannotobtained from the other fact-finding techniques.

2.2 <u>Feasibility of System</u>

Feasibility System carried out whether there are complex problems. Afeasibility study is under taken to determine the possibility or the probability of theeither improving the existing problems or developing a completely new system.

Following are the types of feasibility: -

1) Technical feasibility

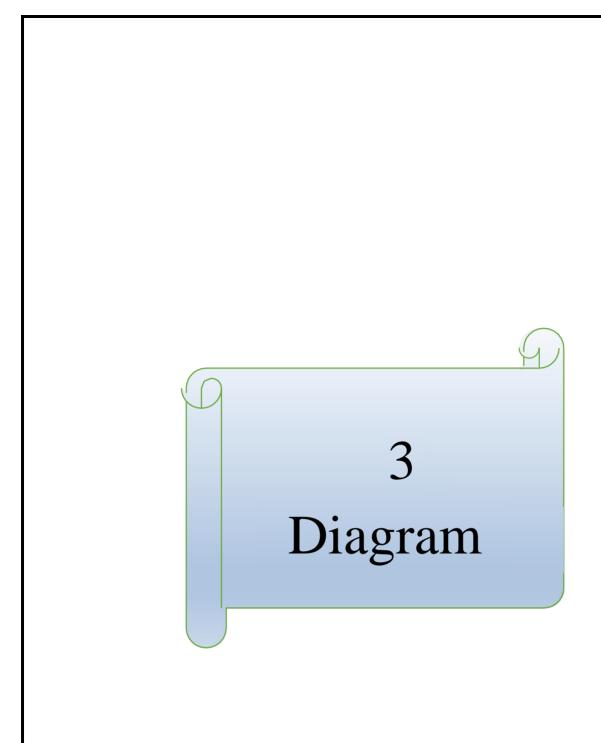### 2) Economical feasibility

3) Operational feasibility

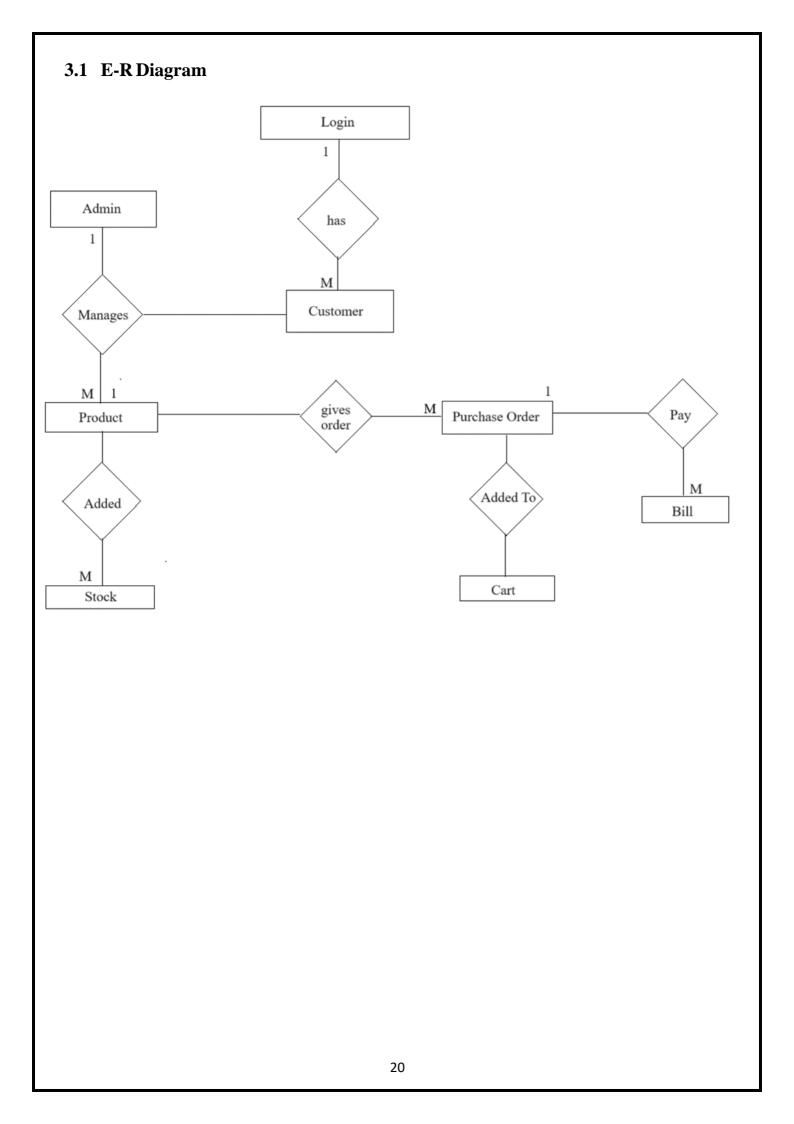### 4) Technical feasibility: -

Technical feasibility determines whether it is possible to develop the project with available equipment, available software technology and themanpower. If there is any kind of need in order to develop software in this case thecost of hardware, software and technical are considered. The software is used IntelCore i3, RAM 8GB, 500GB SSD, any printer, operating system windows 7, windows 10, windows 11 & XAMMP. That's why our system is technically feasible.

2) Economical feasibility: -

In this the benefit of the system are considered. Actually, the cost must include both one time cost and recurring cost. One time cost includes feasibility study cost, and cost for converting from present system in new system,cost of software package. Recurring cost may include rental or purchase ofequipment, salaries of personal supplies, maintenance. That's why our system is economical feasible.
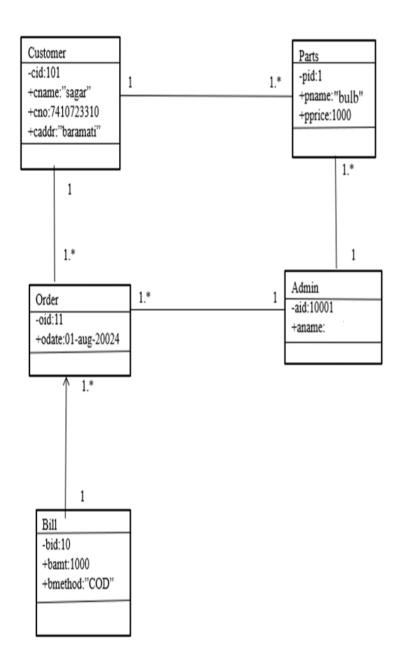
3) Operational feasibility: -

After implementing the system, the training program are arranged for the users. This is carried out by the people who are familiar with information system as well as the techniques. They are experienced person like managers, system analyst. Functioning of the system is very predictable smooth because of error handling, Graphical User Interface (GUI), Consistent User Interface (CUI). That's Why our system is operational feasible

3
Diagram

3.1 E-R Diagram

Login
1
has
M
Customer

Admin
1
Manages

M 1
Product
gives order
M
Purchase Order
1
Pay

Added
M
Stock

Added To
Cart

M
Bill

3.2 Class Diagram-

Review

- reviewID
- customer
- product
- rating
- comment
- reviewDate

+ addReview()
+ updateReview()
+ deleteReview()
+ getReviewDetails()

Admin

- adminID
- name
- email
- password

+ login()
+ manageProduct()
+ manageOrder()
+ manageCategory()
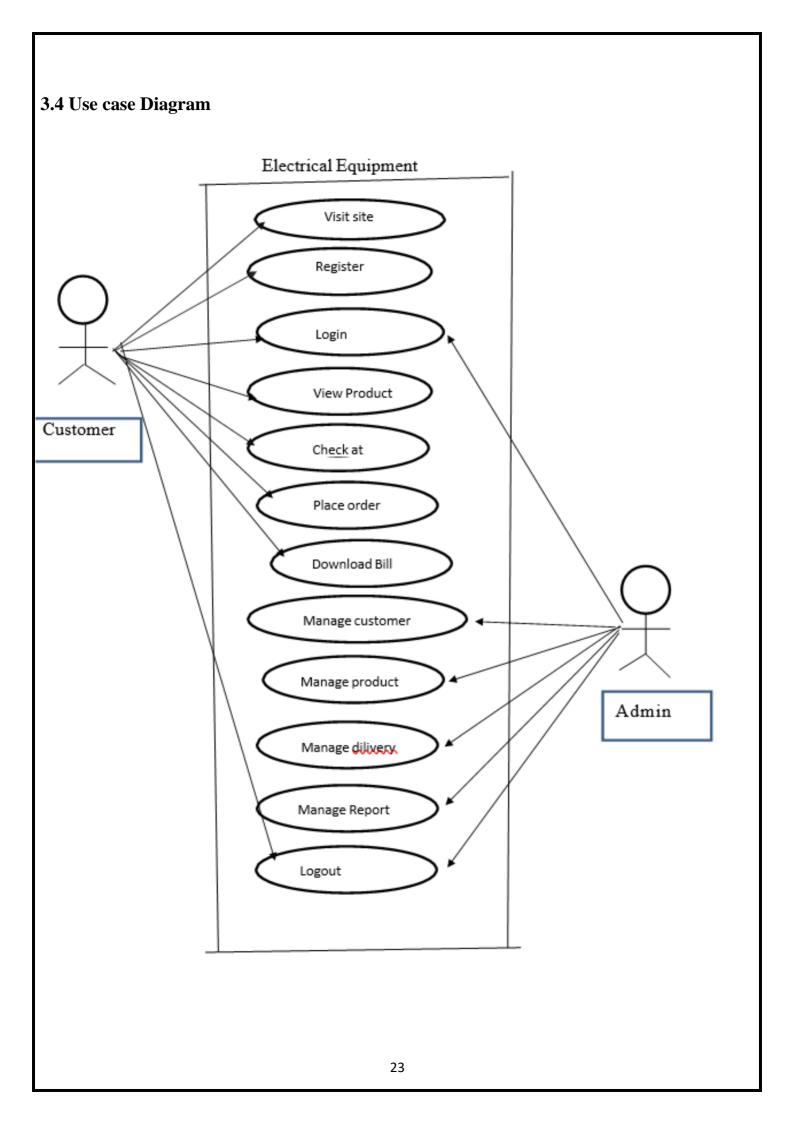+ manageCustomer()

Product

- productID
- name
- description
- price
- stockQuantity
- category

+ addProduct()
+ updateProduct()
+ removeProduct()
+ getProductDetails()

Category

- categoryID
- name
- description

+ addCategory()
+ updateCategory()
+ removeCategory()
+ getCategoryDetails()

Shopping Cart

- carrID
- customer
- items

+ addItem()
+ removeItem()
+ getCartDetails()
+ checkout()

Customer

- customerID
- name
- email
- password
- phone
- address

+ register()
+ login()
+ updateProfile()
+ addToCart()
+ placeOrder()

Order

- orderID
- customer
- orderDate
- status
- orderAmount

+ placeOrder()
+ cancelOrder()
+ getOrderDetails()
+ updateStatus()

OrderItem

- orderItemID
- product
- quantity
- price

+ getOrderItemDetails()

Payment

- paymentID
- order
- amount
- paymentDate
- paymentMethod
- status

+ processPayment()
+ getPaymentDetails()

Address

- addressID
- customer
- street
- city
- state
- zipCode
- country

+ addAddress()
+ removeAddress()
+ updateAddress()
+ getAddressDetails()

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3.3 Object Diagram-

Customer
-cid:101
+cname:"sagar"
+cno:7410723310
+caddr:"baramati"

Parts
-pid:1
+pname:"bulb"
+pprice:1000

1 — 1.*

1.*

1

1.*

Order
-oid:11
+odate:01-aug-20024

1.* — 1

Admin
-aid:10001
+aname:

1.*

1

Bill
-bid:10
+bamt:1000
+bmethod:"COD"

3.4 Use case Diagram

Electrical Equipment

Customer

Admin

- Visit site
- Register
- Login
- View Product
- Check at
- Place order
- Download Bill
- Manage customer
- Manage product
- Manage dilivery
- Manage Report
- Logout

3.5 Activity Diagram

1. Admin Side-

3.6 Customer Side

Start

Register

Login

Authentication

Check — Invalid

Valid

Search Products

Select Products

Add to cart

make Payment

confirm order

Edit Profile

Change Password

My account

View Reports

Order report

Logout

End

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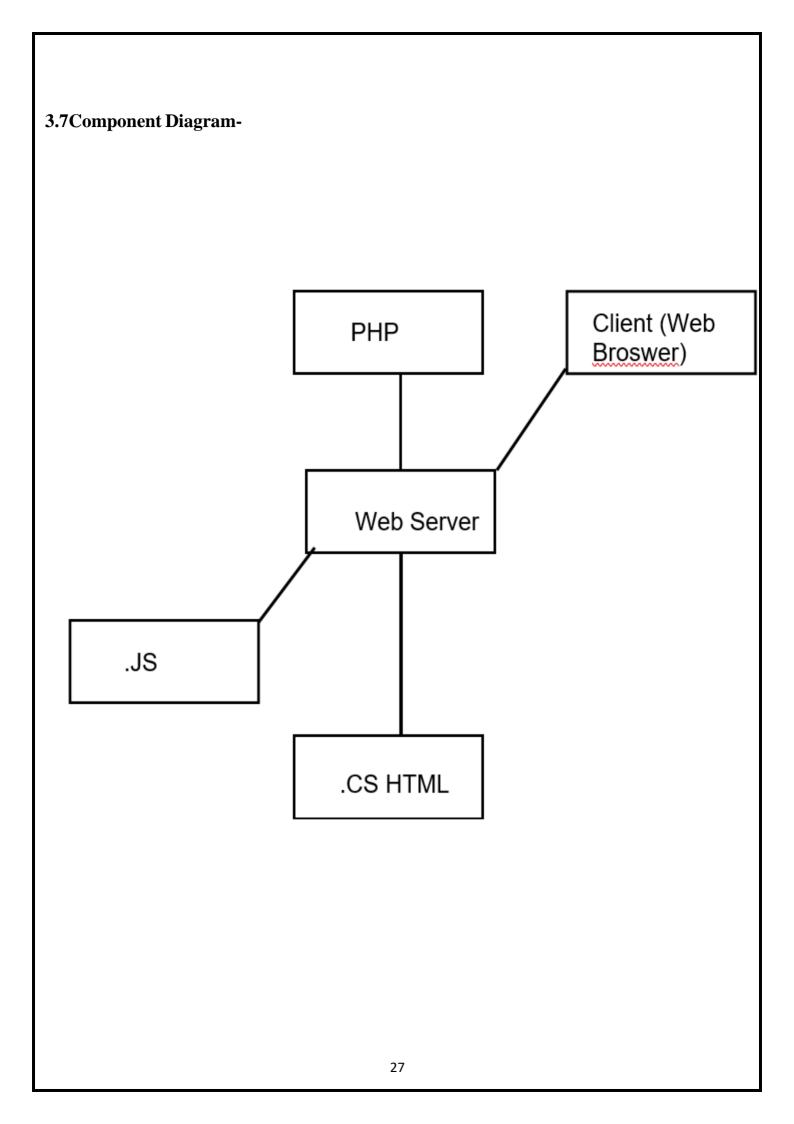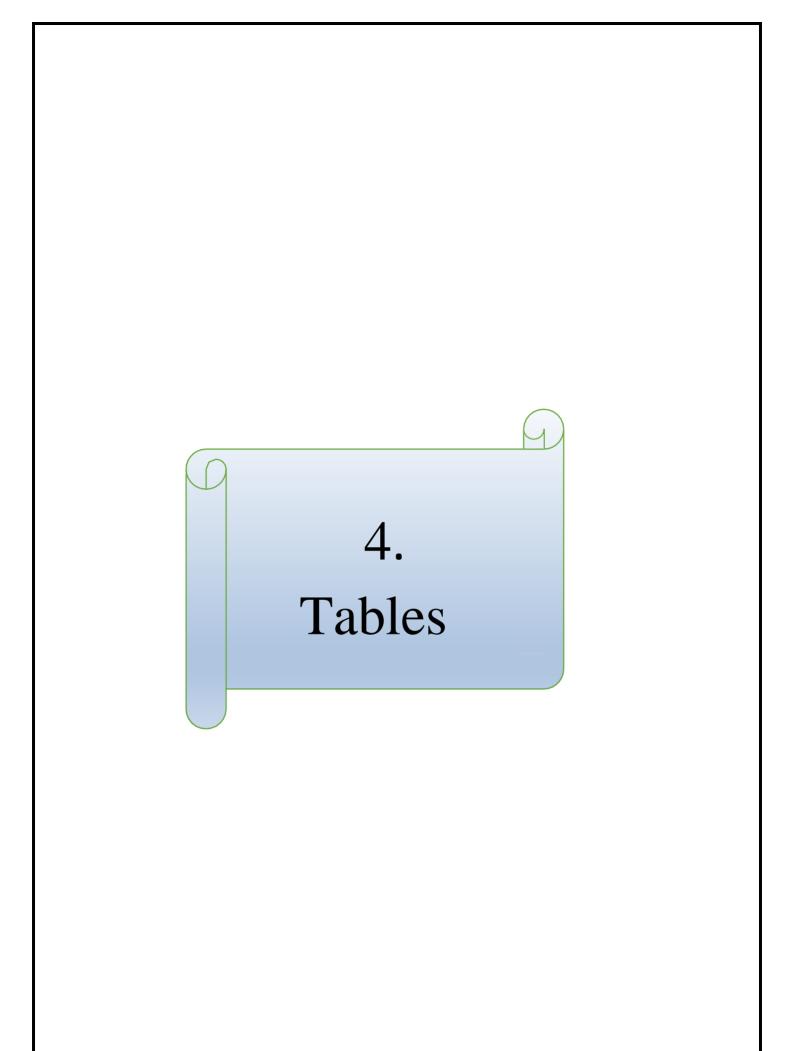
3.7 Sequence Diagram

3.7Component Diagram-

3.8 Deployment-

```
┌──────────────┐         ┌──────────────┐                    ┌────────────────┐
│ Database     │─────────│ Application  │────────────────────│     Admin      │
│ Server       │         │ Server       │                    └────────────────┘
└──────────────┘         └──────────────┘                    ┌────────────────┐
                                                             │   Customer     │
                                                             └────────────────┘
                                                             ┌────────────────┐
                                                             │   Products     │
                                                             └────────────────┘
                                                             ┌────────────────┐
                                                             │     Order      │
                                                             └────────────────┘
                                                             ┌────────────────┐
                                                             │    Contact     │
                                                             └────────────────┘
                                                             ┌────────────────┐
                                                             │     Cart       │
                                                             └────────────────┘
                                                             ┌────────────────┐
                                                             │  Registration  │
                                                             └────────────────┘
```

4.
Tables

4.1 Tables and Data Dictionary

Admin Table: -

Data Elements	Description	Type	Length	A List of specific Value	Data store
Aid	Admin id	number	20	It stores Admin id	Admin details
Username	Admin Username	text	20	It stores Admin Username	Admin details
Password	Admin Password	text	20	It stores Admin Password	Admin Details

Category Table: -

Data Elements	Description	Type	Length	A List of specific Value	Data store
Ctid	Category id	number	20	It stores Category id	Category details
Ctname	Category Name	text	20	It stores Category name	Category details

Customer Table: -

Data Elements	Description	Type	Length	A List of specific Value	Data store
cid	Customer id	number	20	It stores Customer id	Customer details
Fname	Customer First Name	text	20	It stores Customer first name	Customer details
Lname	Customer Last Name	text	20	It stores Customer Last name	Customer details
Password	Customer Password	text	20	It stores Customer password	Customer details
Mobno	Customer mobile number	number	20	It stores Customer mobile no	Customer details
Email	Customer emailid	text	20	It stores Customer email id	Customer details
Address	Customer address	text	20	It stores Customer address	Customer details

Product Table: -

Data Elements	Description	Type	Length	A List of specific Value	Data store
Ctid	Category id	number	20	It stores Category id	Category details
Pid	Product id	Number	20	It stores Product id	Product details
Pname	Product Name	text	20	It stores Product name	Product details
Pprice	Product price	text	20	It stores Product price	Product details
Pdescrip	Product Description	text	20	It stores Product Description	Product details
Ppics	Product Image	text	20	It stores Product Image	Product details

Order Table: -

| Data Elements	Description	Type	Length	A List of specific Value	Data store
Oid	Order id	number	20	It stores Order id	Order details
Funame	Customer Full Name	text	20	It stores Customer first name	Customer details
Zip	Customer Last Name	text	20	It stores Customer Last name	Customer details
Paymod	Customer Password	text	20	It stores Customer password	Customer details
Mobno	Customer mobile number	number	20	It stores Customer mobile no	Customer details
Email	Customer email id	text	20	It stores Customer email id	Customer details
Address	Customer address	text	20	It stores Customer address	Customer details
City	Customer City	Text	20	It stores customer city	Customer details
Ptotal	Total amountof product	Int	20	It stores total items price	Product details
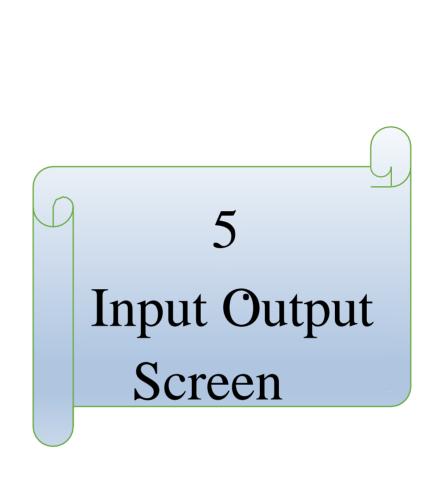
Status	Order status	text	20	It stores the order status	Order details
Odate	Order date	date	-	It stores order date	Order details

Feedback Table: -
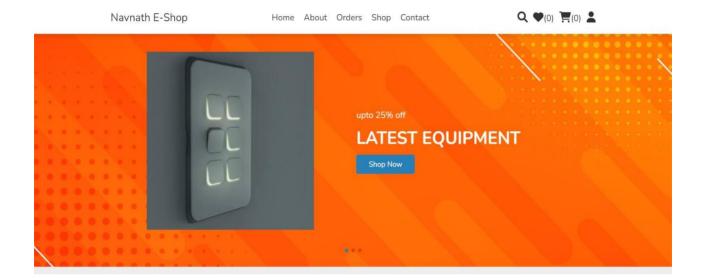
Data Elements	Description	Type	Length	A List of specific Value	Datastore
Fid	feedback id	number	20	It stores feedback id	feedbackdetails
Frname	Customer first name	text	20	It stores Customer first name	Contactdetails
Laname	Customer Last name	text	20	It stores Customer Last name	Contact details
Emailed	Customer Emailid	text	20	It stores Customer email id	Contactdetails
Massage	massage	text	20	It stores Customer massage	Contactdetails

Cart Table: -

Data Elements	Description	Type	Length	A List of specific Value	Data store
orderid	order id	number	20	It stores order id	User_order details
Productname	Product name	text	20	It stores user order products name	Order products details
Price	Product price	number	20	It stores user order products name	Order products details
Quantity	Product quantity	number	20	It stores user order products name	Order products details

5
Input Output Screen

Fig.Homepage

Fig.About Us

Navnath E-Shop   Home   About   Orders   Shop   Contact   Q ♥(0) 🛒(0) 👤

Huge Basket of Products

Quality

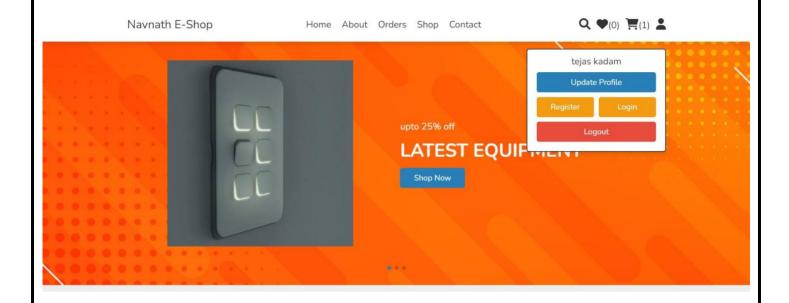**Speed to Market**

Strong Suppliers

Good-value Pricing

About

Electramec.com is an ecommerce website, offering a unique assortment of high quality consumer and industrial electrical goods. Our product range encompasses LED Bulbs & Tubelights, Copper Wires, Armoured Power Cables, Modular Switches, MCBs, ELCB/RCCBs, Geysers, Fans, electrical consumables, hardware tools to name a few. We showcase a plethora of reliable brands handpicked from both Indian and International market such as Philips, Wipro, Syska, Usha, Havells, Crompton, Finolex, KEI, Polycab, Gewiss, Vents by Hindware, L&T, Hager, Cona, Anchor, Legrand, Honeywell-MK, ABB, EUBIQ, etc., enabling us to be the online destination of choice for anyone wanting to source products from these brands. Electramec.com is a subsidiary of Indersons, one of the leading distributors & trade suppliers of electrical items in India, which has been setting high standards for reliability, quality, timely delivery and customer delight.
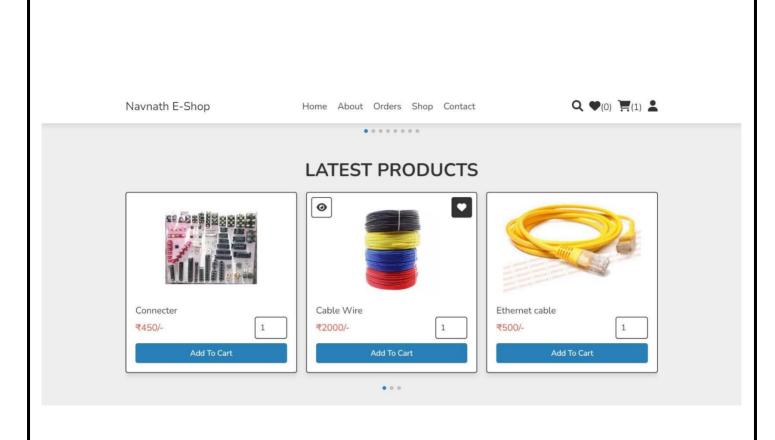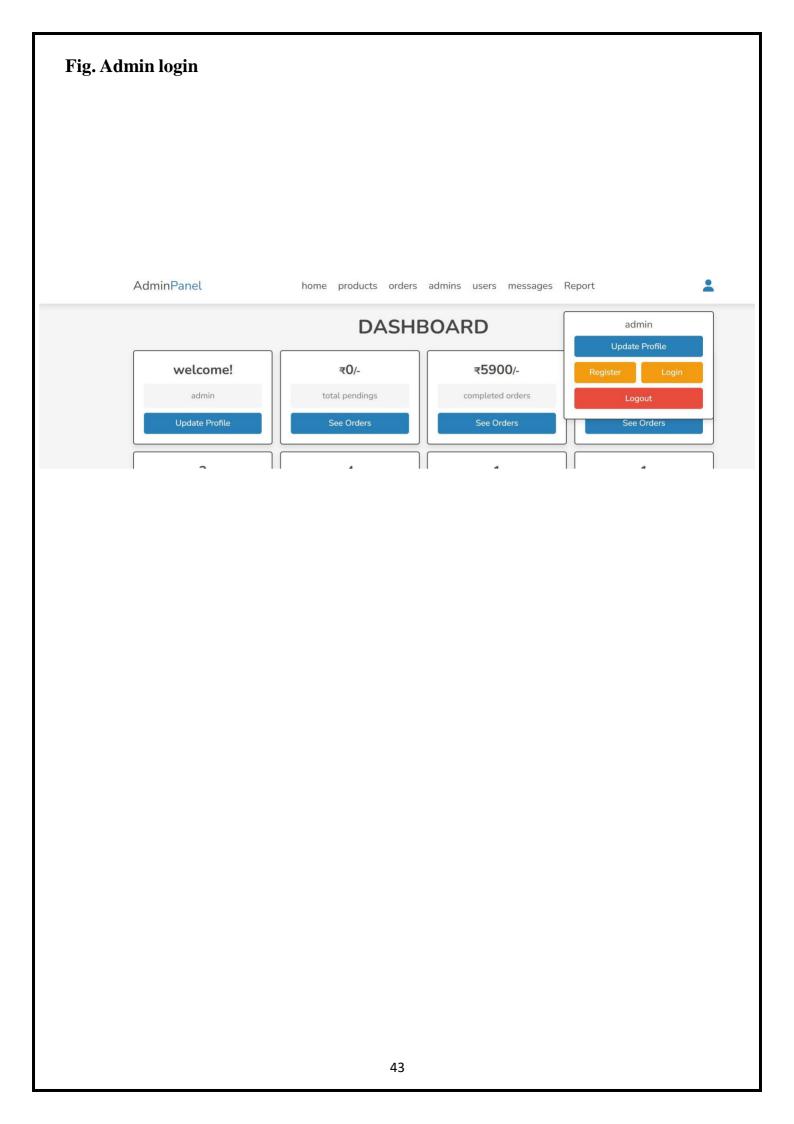
Contact Us

Fig. Customer Registration

Navnath E-Shop   Home   About   Orders   Shop   Contact   🔍 ❤(0) 🛒(0) 👤

REGISTER NOW

enter your username

enter your email

enter your password

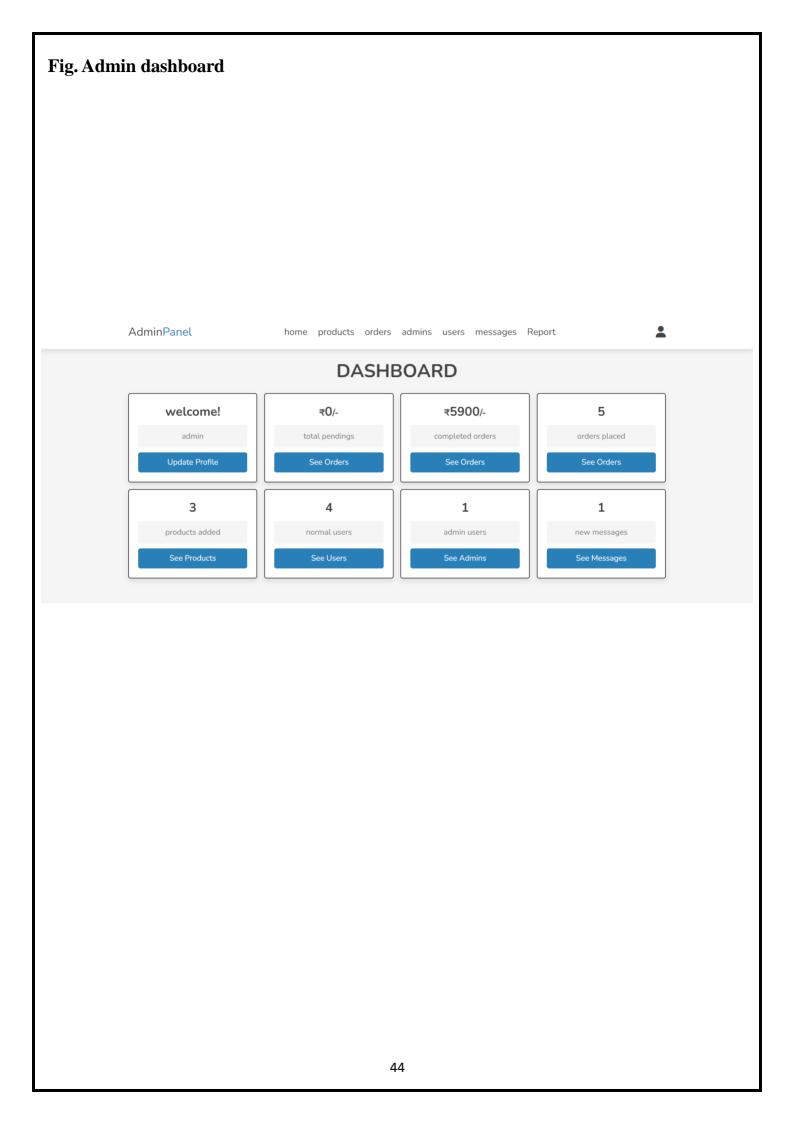confirm your password

Register Now

already have an account?

Login Now

Fig. Customer Login

Fig. Products

Navnath E-Shop   Home   About   Orders   Shop   Contact   Q ♥(0) 🛒(1) 👤

LATEST PRODUCTS

Connecter
₹450/-   1
Add To Cart

Cable Wire
₹2000/-   1
Add To Cart

Ethernet cable
₹500/-   1
Add To Cart

Fig. Admin login

Fig. Admin dashboard

AdminPanel   home   products   orders   admins   users   messages   Report

DASHBOARD

welcome!	₹0/-	₹5900/-	5
admin	total pendings	completed orders	orders placed
Update Profile	See Orders	See Orders	See Orders

3	4	1	1
products added	normal users	admin users	new messages
See Products	See Users	See Admins	See Messages

Fig. Contact Us

Fig. customer order

Fig.Feedback

AdminPanel   home products orders admins users messages Report

MESSAGES

user id : 2

name : aniket

email : aniketpawarpatil@gmail.com

number : 7769875301

message : hiii your product quality is good

Delete

6.
Report

Customer Report

Customer Report

Enter Customer Name [   ]

Search

Date	Customer Name	User ID	Number	Email	Total Products	Total Price	Payment Method
2024-03-13	Aniket Pawar	1	8421628920	Aniketpawarpatil@Gmail.Com	Connecter (450 X 1) -	450	Cash On Delivery
2024-03-14	Aniket Pawar	2	1234567890	Aniketpawarpatil@Gmail.Com	Ethernet Cable (500 X 1) -	500	Cash On Delivery

Print

Sale Report

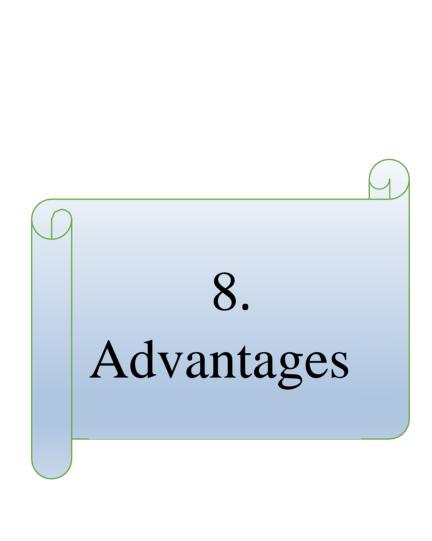| Date	Customer Name	Order ID	User ID	Number	Email	Payment Method	Adderss	Total Products	Total Price	Payme Statu
2024-03-13	Aniket Pawar	3	1	8421628920	Aniketpawarpatil@Gmail.Com	Cash On Delivery	Flat No. Daund, Sonwadi, Pune, Maharashra, India - 423132	Connecter (450 X 1) -	450	Comple
2024-03-13	Satish Bhaiya Gaikwd	4	1	9233457788	Satnanadon@Gmail.Com	Cash On Delivery	Flat No. Karmala, Karmala, Solapur, MAHARASHTRA, India - 413114	Cable Wire (2000 X 1) - Ethernet Cable (500 X 1) -	2500	Comple

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7. Conclusion

7 <u>Conclusion</u>

- The project entitled Web Portal for Electrical shop was completed successfully.
- This project helped us in gaining valuable information and practical knowledge on several topics like designing web pages using html and CSS, management of database using MySQL.
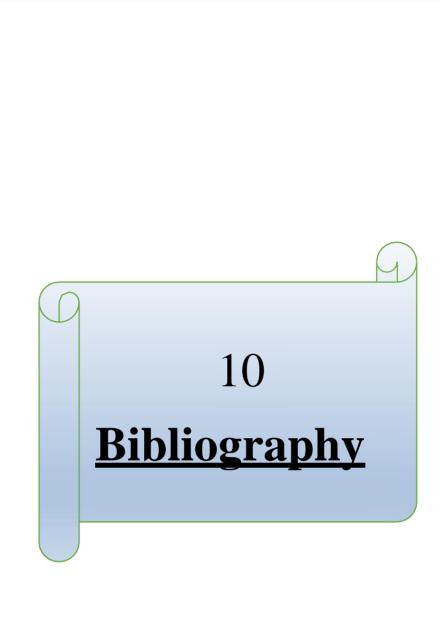
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8. Advantages

8 Advantages : -

Advantages

- It saves paper

- It saves time

- It more secure

- It stores details of customer, products, orders

Limitations

1. The system provides limited facility to user.

2. In this project search bar not worked.

9
Future
Enhancement

9 **Future Enhancement: -**

- **Online Payment:** In future will be adding online payment scheme forpremium Test series.
- **More Advance Test:** In future will be adding more fearure to make testseries more advance and interactive .
- **Google and Facebook Sign IN/P:** In future will be adding signup feature

  such as with google,facebook,twitter

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Bibliography

9 Bibliography: -

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