

Online Shop

Database Management System

Submitted by:

Amber Desbhratar 210001003
Ochiya Kumawat 210001047

**IIT Indore , CSE Department
CS - 257**

Submitted to

Dr. Aruna Tiwari Department of CSE
Dr. Nagendra Kumar Department of CSE

Problem statement :

The objective of the project is to make an application on a web platform to purchase items in an existing shop. In order to build such an application complete web support needs to be provided. A complete and efficient web application which can provide the online shopping experience is the basic objective of the project. This can be implemented through a web application.

Introduction:

The central concept of the application is to allow the customer to shop virtually using the Internet and allow customers to buy the items and articles of their desire from the store. The information pertaining to the products are stored on an RDBMS at the server side (store). The Server processes the customers and the items are shipped to the address submitted by them. The application was designed into two modules, first is for the customers who wish to buy the articles. Second is for the storekeepers who maintain and update the information pertaining to the articles and those of the customers. The end user of this product is a departmental store where the application is hosted on the web and the administrator maintains the database. The application which is deployed at the customer database, the details of the items are brought forward from the database for the customer view based on the selection through the menu and the database of all the products are updated at the end of each transaction. Data entry into the application can be done through various screens designed for various levels of users. Once the authorized personnel feed the relevant data into the system, several reports could be generated as per the security.

Users

➤ Login and signup :

A new user will have to register in the system by providing essential details in order to view the products in the system. A user must login with his username and password to the system after registration.

➤ View Products :

Users can view the list of products based on their names after successful login. A detailed description of a particular product with product name, product details, product image, price can be viewed by users.

➤ Add to cart :

The user can add the desired product into his cart by clicking the add to cart option on the product. He can view his cart by clicking on the cart button. All products added by cart can be viewed in the cart. Users can remove an item from the cart by clicking remove.

➤ History :

In the history the user will have a view of pending orders.

➤ Edit Profile :

The user can view and edit the profile.

Admin

➤ Manage User :

The admin can add user, delete user, view user and block user.

➤ Manage Products :

The admin can add products, delete products, edit products and view products.

➤ Manage Orders

The admin can view orders and delete orders.

➤ Manage Category

The admin can add categories, delete categories, edit categories and view categories.

➤ Manage Vendors

The admin can add vendors , delete vendors and view vendors.

Vendor

➤ Manage products

The vendor can add products, delete products, edit products and view products.

➤ Manage Orders

The vendor can view orders and delete orders.

Tech Stacks Used

- HTML (Hyper Text Markup Language)

HTML is a syntax used to format a text document on the web.

- CSS (Cascading Style Sheets)

CSS is a style sheet language used for describing the look and formatting of a document written in a markup language.

- Java Script

JS is a dynamic computer programming language. It is most commonly used as part of web browsers, whose implementations allow client-side Online Shopping System Department of Computer Science, CUSAT Page 37 scripts to interact with the user, control the browser, communicate asynchronously, and alter the document content that is displayed. Java Script is used to create pop up windows displaying different alerts in the system like “User registered successfully”, ”Product added to cart” etc

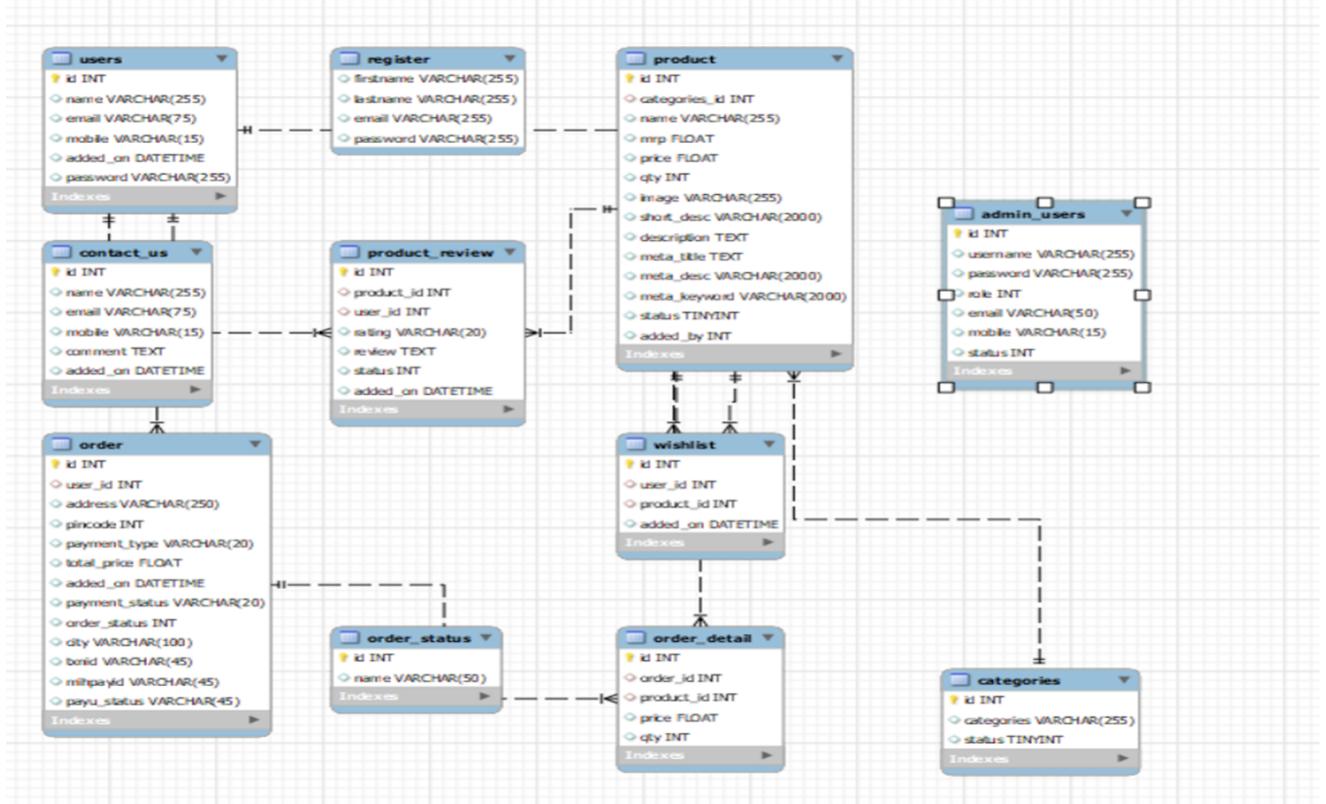
- MySQL

MySQL Workbench enables a DBA, developer, or data architect to visually design, model, generate, and manage databases. It includes everything a data modeler needs for creating complex ER models, forward and reverse engineering, and also delivers key features for performing difficult change management and documentation tasks that normally require much time and effort.

➤ PHP

PHP is a server scripting language, and a powerful tool for making dynamic and interactive Web pages.

ER Diagram



Tables

Users

- ID int datatype primary key.
- Name email , mobile , password varchar.
- Added on DATETIME.

Contact Us

- Id int datatype as primary key
- Name , email ,mobile varchar datatype
- Comment text
- Added on DATETIME.

Order

- Id int datatype as primary key
- User_id int datatype as foreign key references id from user
- Address ,pintype ,city ,txnid , myhpaid , payu_status varchar datatype
- Order status , pincode ,total_price int datatype.
- Added on DATETIME.

Order_status

- Id int datatype as primary key.
- Name varchar .

Product_review

- Id int as primary key
- User id int
- Product id int
- Rating varchar
- Status int
- Review text
- Added on DATETIME.

Product

- Id int datatype as primary key.
- Categories_id int data type foreign key references. Categories_id from category.
- MRP , price float data type.
- Qty int datatype.
- Image varchar datatype.
- Short_descr ,meta_desc , meta_keyword varchar.
- Description text datatype.
- Status , added_by int datatype.

Wishlist

- Id int datatype as foreign key
- user_id int datatype as foreign key references user_id from user
- Product_id int datatype foreign key references product_id from product
- Added on DATETIME.

Order_detail

- Id int datatype as primary key
- Product_id int datatype foreign key references product_id from product
- order_id int datatype foreign key references order_id from order

Admin users

- Id int datatype
- Username varchar datatype
- Password varchar datatype
- Role int
- Email , mobile varchar
- Status int

Categories

- Id Int datatype as primary key
- Status int datatype

Implementation from user side

Login and signup

Sign Up

It's free and only takes a minute

Name

Email

Mobile

Password

Sign Up

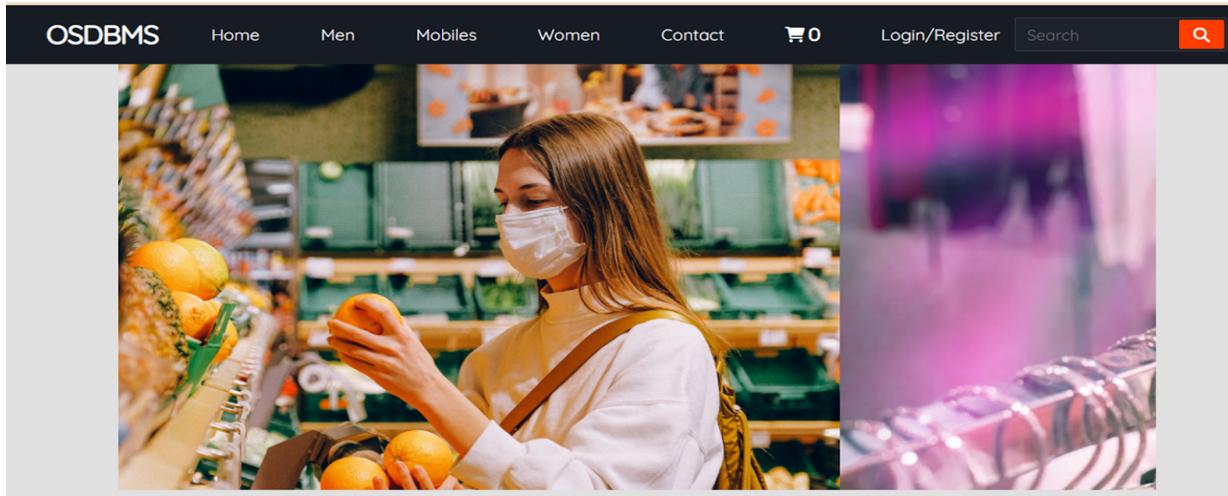
Login

Email

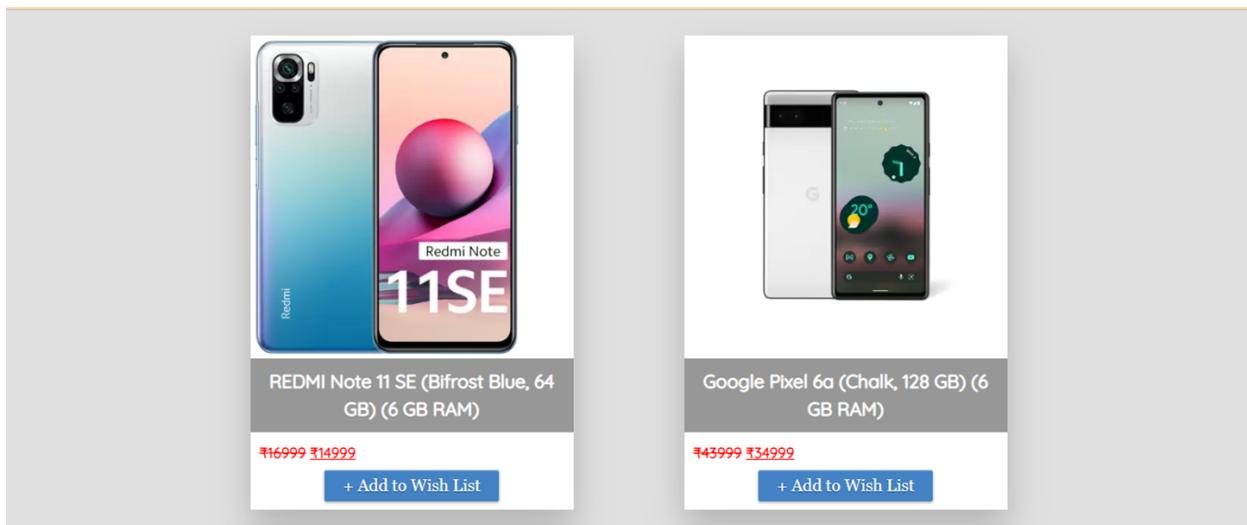
Password

Login

Home page



Product page



Footer



Product

Home > Mobiles > MOTOROLA Edge 30 (Aurora Green, 128 GB) (8 GB RAM)



MOTOROLA Edge 30 (Aurora Green, 128 GB) (8 GB RAM)

₹34999 ₹29999

8 GB RAM | 128 GB ROM 16.64 cm (6.55 inch) Full HD+ Display 50MP + 50MP + 2MP | 32MP Front Camera 4020 mAh Lithium Battery Qualcomm Snapdragon 778G Plus Processor Availability: In Stock

Qty:

Categories: [Mobiles](#)

 Add to Cart

Description

Description:

Discover new perspectives and take advantage of seamless performance with the Redmi Note 11 SE, which is packed with a number of exceptional features. The Helio G95 HyperEngine Game Technology, which powers this phone, enables spectacular gameplay and outstanding graphic quality. Also offering stutter-free streaming and fluid navigation is its 16.33 cm (6.42) Super AMOLED display. Moreover, the 64 MP quad-camera setup and 13 MP selfie camera on this smartphone provide speedy image processing while capturing stunning landscapes all around you.

COMMENTS

No review added

WE APPRECIATE YOUR REVIEW!

Please [login](#) to submit your review

Wishlist

PRODUCTS	NAME OF PRODUCTS	REMOVE
	Redmi 8 ₹8999 ₹11000	

Add to category before checkout

PRODUCTS	NAME OF PRODUCTS	PRICE	QUANTITY	TOTAL	REMOVE
	REDMI Note 11 SE (Bifrost Blue, 64 GB) (6 GB RAM) ₹16999 ₹14999	₹14999	<input type="text" value="1"/> Update	₹14999	
Checkout					
Continue Shopping					

Final checkout page

Address Information

Address

City

Pincode

Payment Information
COD
PayU

[Submit](#)

PRODUCTS	NAME OF PRODUCTS	REMOVE
	REDMI Note 11 SE (Bifrost Blue, 64 GB) (6 GB RAM) ₹14999	

Order Total: ₹14999

My Orders page

ORDER ID	ORDER DATE	ADDRESS	PAYMENT TYPE	PAYMENT STATUS	ORDER STATUS
31	2022-11-03 08:47:32	Albert Hall Agra 301015	COD	success	4
32	2022-11-03 08:55:14	Robert Robertson, 1234 NW Bobcat Lane, St. Robert, MO 65584-5678. Jaipur 301015	COD	success	4
33	2022-11-09 07:03:41	54, Hari Marg, Mansinghpura, Tonk Road, Jaipur Jaipur 11111	COD	success	1
34	2022-11-09 07:25:16	Khandwa Rd, Simrol, Madhya Pradesh 453552 Jaipur 302015	COD	success	1
35	2022-11-10 07:09:13	54, Hari Marg, Mansinghpura, Tonk Road, Jaipur Jaipur 78945	payu	pending	1

Order detail page

PRODUCT NAME	PRODUCT IMAGE	QTY	PRICE	TOTAL PRICE
Redmi 8		46	₹11000	₹506000
Total Price				₹506000

Profile page

Change Password

Current Password

New Password

Confirm New Password

Update

Profile

Name

Update

Contact us



Contact Us

Your Name

Your Email

Phone

Message

Send

Implementation from admin side

Products management

Product

[Add Product](#)

#	ID	Categories	Name	Image	MRP	Price	Qty	Status
1	12	Mobiles	REDMI Note 11 SE (Bifrost Blue, 64 GB) (6 GB RAM)		16999	14999	100 Pending Qty: 100	Active Edit Delete
2	11	Mobiles	Google Pixel 6a (Chalk, 128 GB) (6 GB RAM)		43999	34999	100 Pending Qty: 100	Active Edit Delete
3	10	Mobiles	MOTOROLA Edge 30 (Aurora Green, 128 GB) (8 GB RAM)		34999	29999	100 Pending Qty: 100	Active Edit Delete

Add product

Short Description

Enter product short description

Description

Enter product description

Meta Title

Enter product meta title

Meta Description

Enter product meta description

Meta Keyword

Enter product meta keyword

Submit

Categories management

Categories

[Add Categories](#)

S.No	ID	Categories	Status
1	3	Men	Active Edit Delete
2	4	Mobiles	Active Edit Delete
3	2	Women	Active Edit Delete

Add category

Categories Management Form

Categories

Submit

Vendor management

Vendor Management

Add Vendor

#	ID	Username	Password	Email	Mobile	Action
1	7	Redmi	redmi	redmi@gmail.com	3333333333	Active Edit Delete
2	6	Google	google	google@gmail.com	2222222222	Active Edit Delete
3	5	Motorola	motorola	motorola@gmail.com	1111111111	Active Edit Delete

Add vendor

Vendor Management Form

Username

Password

Email

Mobile

Submit

Users management

Users

#	ID	Name	Email	Mobile	Date	
1	17	Ochitya	kumawatochitya@gmail.com	8306829704	2022-11-02 06:11:19	Delete
2	16	User	user@gmail.com	5555555555	2022-11-02 05:11:26	Delete
3	15	Vaibhav	sharma@gmail.com	1234567890	2022-10-31 03:10:39	Delete

Orders

Orders

ORDER ID	ORDER DATE	ADDRESS	PAYMENT TYPE	PAYMENT STATUS	ORDER STATUS
21	2022-10-31 03:45:13	Albert Hall Agra 301015	payu	pending	4
22	2022-10-31 05:29:12	Albert Hall Jaipur 301015	payu	pending	4
23	2022-10-31 05:32:38	Albert Hall Jaipur 301015	COD	success	4
24	2022-10-31 05:34:44	Robert Robertson, 1234 NW Bobcat Lane, St. Robert, MO 65584-5678. Agra 303101	COD	success	4

Product review

Product Reviews

#	ID	Name/Email	Product	Rating	Review	Date	
1	4	Ochitya php@gmail.com	Redmi 8	Good	Pokemon	2022-11-02 03:02:50	Active Delete
2	3	Ochitya php@gmail.com	Redmi 8	5stars	sdsd	2022-11-02 03:00:44	Active Delete

Implementation from vendor side

Landing page for a vendor in admin panel

Welcome Redmi Logout

Product

Add Product

#	ID	Categories	Name	Image	MRP	Price	Qty	Status
1	12	Mobiles	REDMI Note 11 SE		16999	14999	100 Pending Qty: 92	Active Edit Delete

Order page for vendor

Welcome Redmi Logout

Orders

ORDER ID	PRODUCT/QTY	ADDRESS	PAYMENT TYPE	PAYMENT STATUS	ORDER STATUS
39	REDMI Note 11 SE Qty:1	Khandwa Rd, Simrol, Madhya Pradesh 453552 Jaipur 302015	instamojo	pending	1
36	REDMI Note 11 SE Qty:1	Khandwa Rd, Simrol, Madhya Pradesh 453552 Jodhpur 12345	payu	pending	1
34	REDMI Note 11 SE Qty:5	Khandwa Rd, Simrol, Madhya Pradesh 453552 Jaipur 302015	COD	success	1
33	REDMI Note 11 SE Qty:1	54, Hari Marg, Mansinghpura, Tonk Road, Jaipur Jaipur 11111	COD	success	1