VISVESVARAYA TECHNOLOGICAL UNIVERSITY

BELAGAVI

DBMS MINI PROJECT REPORT ON

"ONLINE SHOPPING SYSTEM"

Submitted in partial fulfilment for the requirements for the fifth semester

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

For the Academic Year 2021-2022

Submitted By:

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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

CERTIFICATE

It is certified that the DBMS Mini Project work entitled “ONLINE SHOPPING SYSTEM" is carried out by SUSHANTH S RAO (1MV19IS059), AVINASH K (1MV19IS007), PRAJWAL ANNASAB CHOUGALE (1MV19IS043),MOHAMMED TAYYAB HUSSAIN (1MV20IS402) bonafide students of Sir M Visvesvaraya Institute of Technology in partial fulfilment for the 5th semester for the award of the Degree of Bachelor of Engineering in Computer Science and Engineering of the Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections and suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the course of Bachelor of Engineering.

Name & Signature of Guide

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Name & Signature of HOD

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HOD, Dept. Of ISE,
Sir MVIT Bengaluru

External Examination:

Name of Examiner Signature with Date

1)

2)

DECLARATION

We hereby declare that the entire project work embodied in this dissertation has been carried out by us and no part has been submitted for any degree or diploma of any institution previously.

Place: Bengaluru

Date:

Signature of Students:

_____	_____
AVINASH K (1MV19IS007)	SUSHANTH S RAO (1MV19IS059)
_____	_____
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- PRAJWAL ANNASAB CHOUGALE
- AVINASH K
- SUSHANTH S RAO
- MOHAMMED TAYYAB HUSSAIN

ABSTRACT

The project objective is to order products online. The Online Shopping System is an online application that can be accessed by the customers. This application will order the products.

Employee or the Customer is required to login via his credentials and add products to the cart.

The Administrator has the whole control of the application. He can add the products to the cart, update the cart available in the application, deploy accounts for the employees and manage the transactions.

This way of ordering is much easier and faster way to meet the speed go the current generation.

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CONTENTS

INTRODUCTION

This project is a web-based shopping system for an existing shop. The project objective is to deliver the online shopping application into web platform.

This project is an attempt to provide the advantages of online shopping to customers of a real shop. It helps buying the products in the shop anywhere through internet by using web application. Thus the customer will get the service of online shopping and home delivery of his favourite products.

This system can be implemented to any shop in the locality or to multinational branded item having retail outlet chains. This project provides an online portal where the customers can enjoy easy shopping from anywhere, the shops won’t be losing any more customers to the trending online shops such as flipkart or ebay. Since the application is available in the smartphone browser as well, it is easily accessible and always available to the customer at any time.

LITERATURE SURVEY

XAMPP is one of the widely used cross-platform web servers, which helps developers to create and test their programs on a local web server. It was developed by the Apache Friends, and its native source code can be revised or modified by the audience. It consists of Apache HTTP Server, MariaDB, and interpreter for the different programming languages like PHP. It is available in 11 languages and supported by different platforms such as the IA-32 package of Windows & x64 package of macOS and Linux.

XAMPP is an abbreviation where X stands for Cross-Platform, A stands for Apache, M stands for MYSQL, and the PP stand for PHP and Perl, respectively. It is an open-source package of web solutions that includes Apache distribution for many servers and command-line executables along with modules such as Apache server, MariaDB, PHP, and Perl. XAMPP helps a local host or server to test its website and clients via computers and laptops before releasing it to the main server. It is a platform that furnishes a suitable environment to test and verify the working of projects based on Apache, Perl, MySQL database, and PHP through the system of the host itself.

Among these technologies, Perl is used for web development, PHP is a backend scripting language, and MariaDB is the most widely used database developed by MySQL.

The detailed description of these components is given below.
PhpMyAdmin is a free software tool written in PHP, intended to handle the administration of MySQL over the Web.
PhpMyAdmin supports a wide range of operations on MySQL and MariaDB. Frequently used operations (managing databases, tables, columns, relations, indexes, users, permissions, etc) can be performed via the user interface.

PhpMyAdmin is a free and open source software that lets you handle the administration of MySQL over the web. You can easily manage the database through a graphic user interface known as phpMyAdmin in this case. phpMyAdmin is written in PHP and has gained a lot of popularity in terms of web-based MySQL management solution. You can perform operations on MySQL via phpMyAdmin user interface while you can still directly execute SQL queries.

And it lets you carry out operations like editing, creating, dropping, amend MySQL database, alter fields, tables, indexes, etc. In fact, which user should be given what privileges, you can manage that too. phpMyAdmin has huge multi-language community support.

SYSTEM REQUIREMENTS

Hardware Requirements:

- Pentium IV Processor or better
- 512MB RAM or more
- Internet Connection

Software Requirements:

- Operating System: MacOS X / Windows XP or Higher
- Software: XAMPP
- Database: phpMyAdmin

TABLE DESIGN

Admin_info

#	Name	Type
1	admin_id	int(10)
2	admin_name	varchar(100)
3	admin_email	varchar(300)
4	admin_password	varchar(300)

Category

#	Name	Type
1	cat_id	int(100)
2	cat_title	text

Brands

#	Name	Type
1	brand_id	int(100)
2	brand_title	text

Email_Info

#	Name	Type
1	email_id	int(100)
2	email	text

Cart

#	Name	Type
1	id	int(10)
2	p_id	int(10)
3	ip_add	varchar(250)
4	user_id	int(10)
5	qty	int(10)

Orders

#	Name	Type
1	order_id	int(11)
2	user_id	int(11)
3	product_id	int(11)
4	qty	int(11)
5	trx_id	varchar(255)
6	p_status	varchar(20)

Products

#	Name	Type
1	product_id	int(100)
2	product_cat	int(100)
3	product_brand	int(100)
4	product_title	varchar(255)
5	product_price	int(100)
6	product_desc	text
7	product_image	text
8	product_keywords	text

Logs

#	Name	Type
1	id	int(11)
2	user_id	varchar(50)
3	action	varchar(50)
4	date	datetime

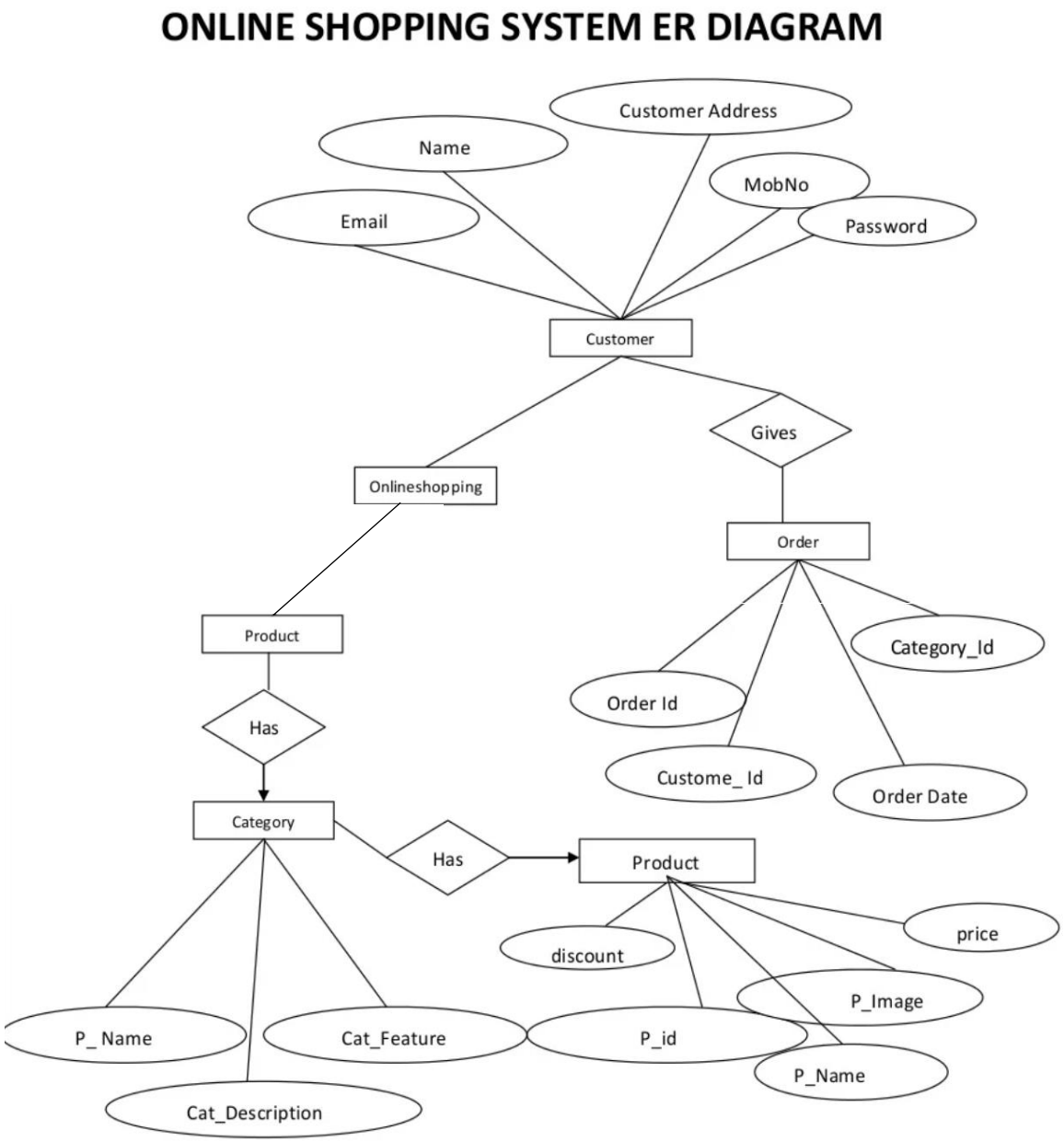
User_Info

#	Name	Type
1	user_id	int(10)
2	first_name	varchar(100)
3	last_name	varchar(100)
4	email	varchar(300)
5	password	varchar(300)
6	mobile	varchar(10)
7	address1	varchar(300)
8	address2	varchar(11)

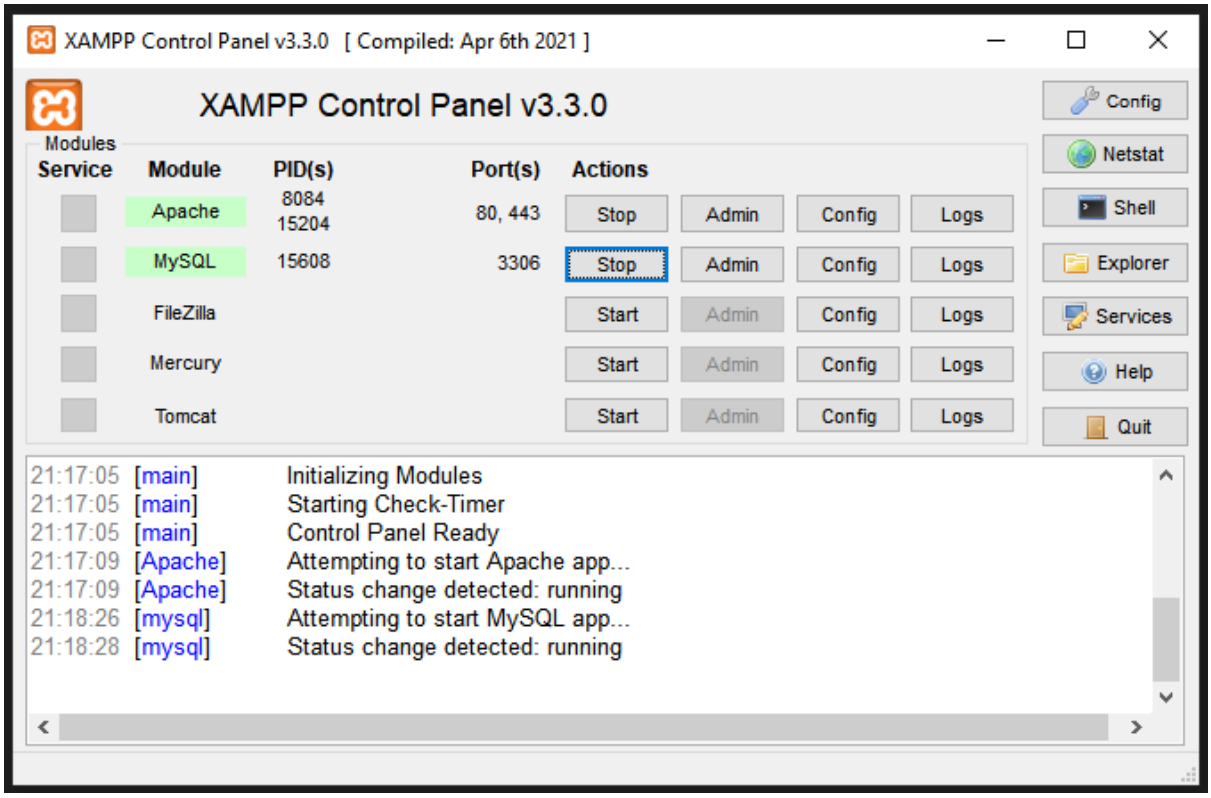
Order_Products

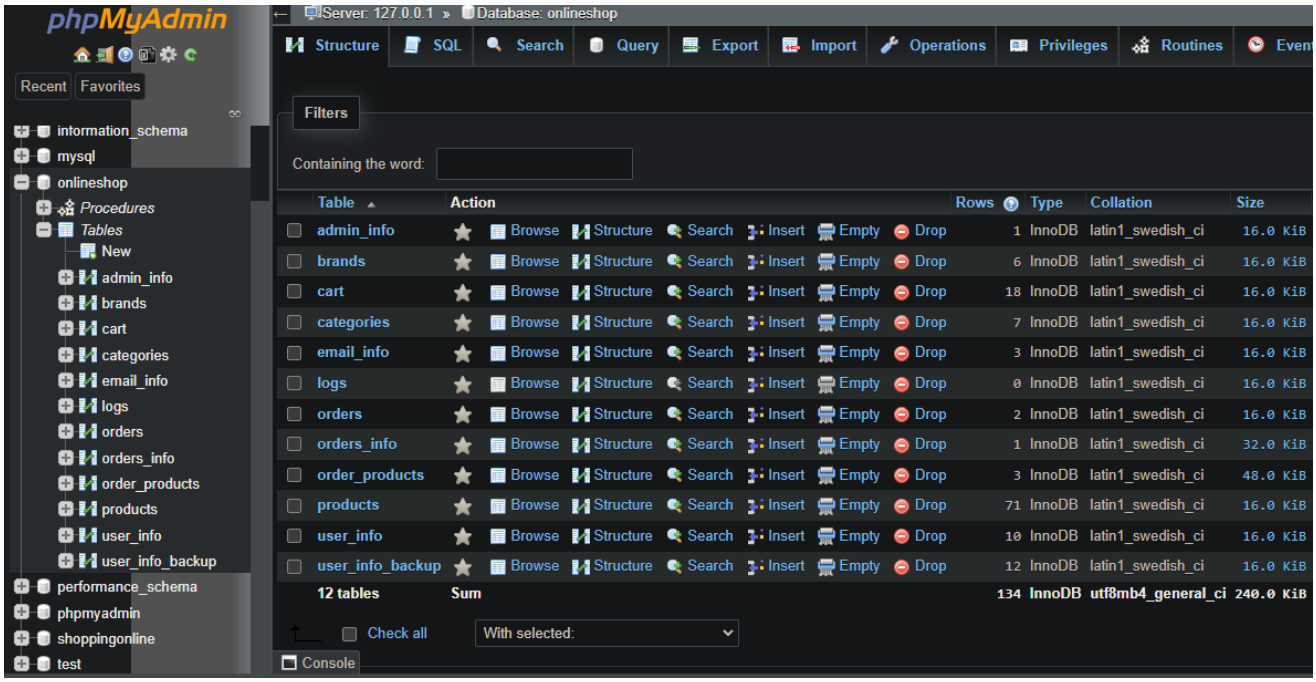
#	Name	Type
1	order_id	int(10)
2	user_id	int(11)
3	f_name	varchar(255)
4	email	varchar(255)
5	address	varchar(255)
6	city	varchar(255)
7	state	varchar(255)
8	zip	int(10)
9	cardname	varchar(255)
10	cardnumber	varchar(20)
11	expdate	varchar(255)
12	prod_count	int(15)
13	total_amt	int(15)

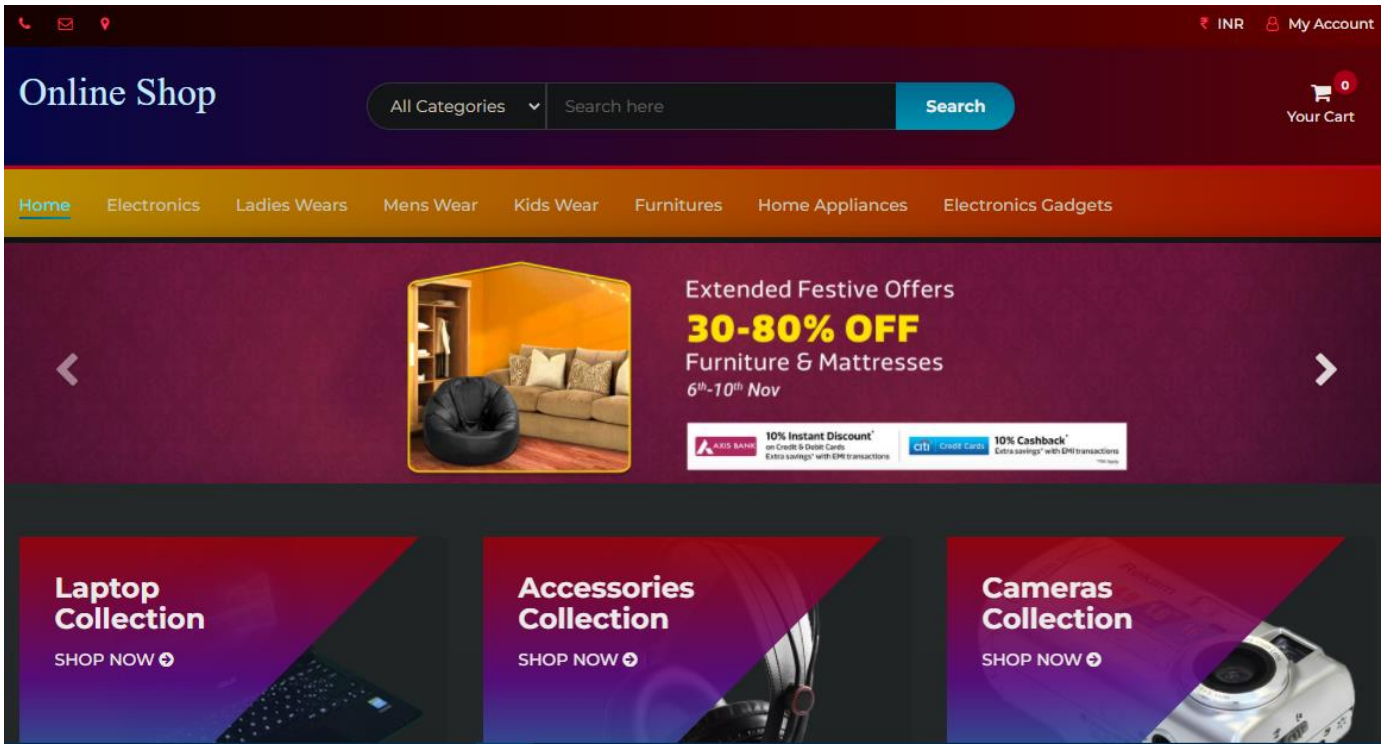
ENTITY - RELATIONSHIP DIAGRAM



IMPLEMENTATION WITH SCREENSHOTS



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My Account
Online Shop
All Categories
Search here
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Ladies Wears
Mens Wear
Kids Wear
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Electronics Gadgets
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30-80% OFF
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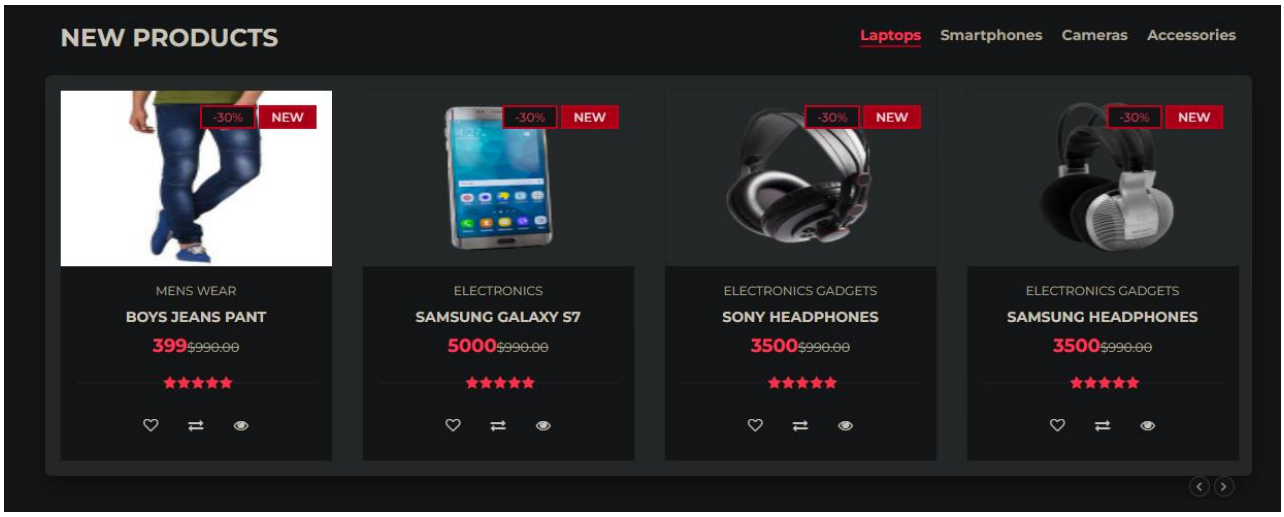
Laptop Collection
SHOP NOW
Accessories Collection
SHOP NOW
Cameras Collection
SHOP NOW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Smartphones
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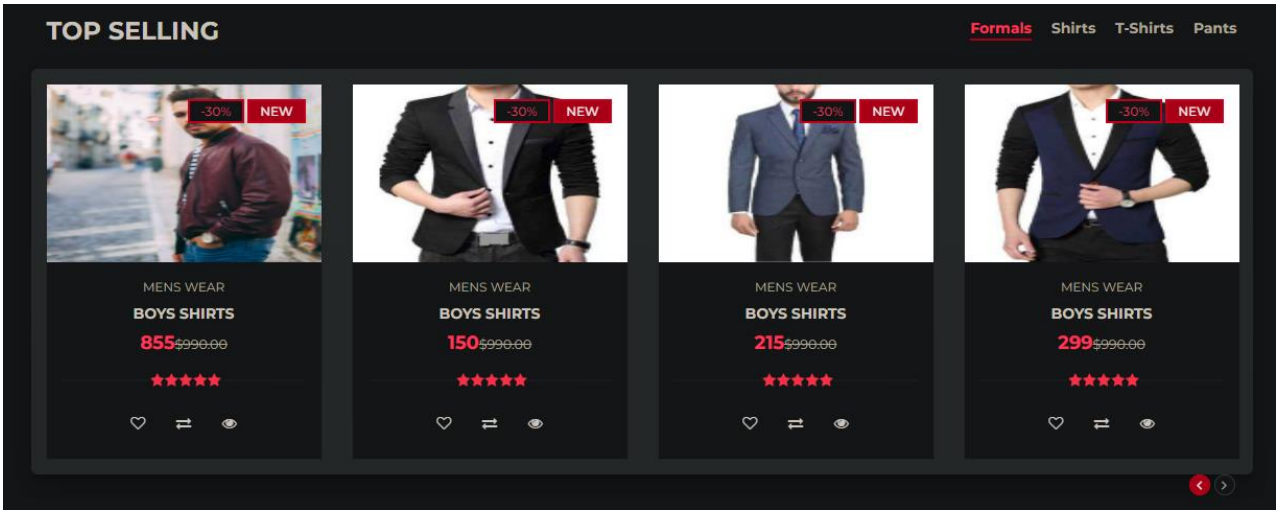
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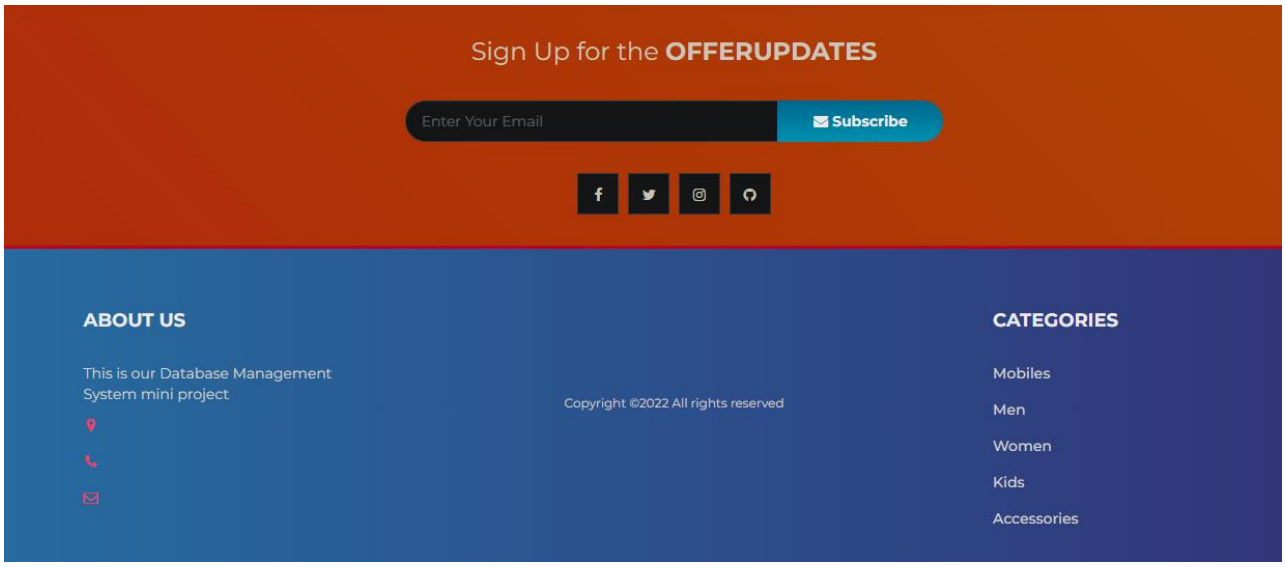
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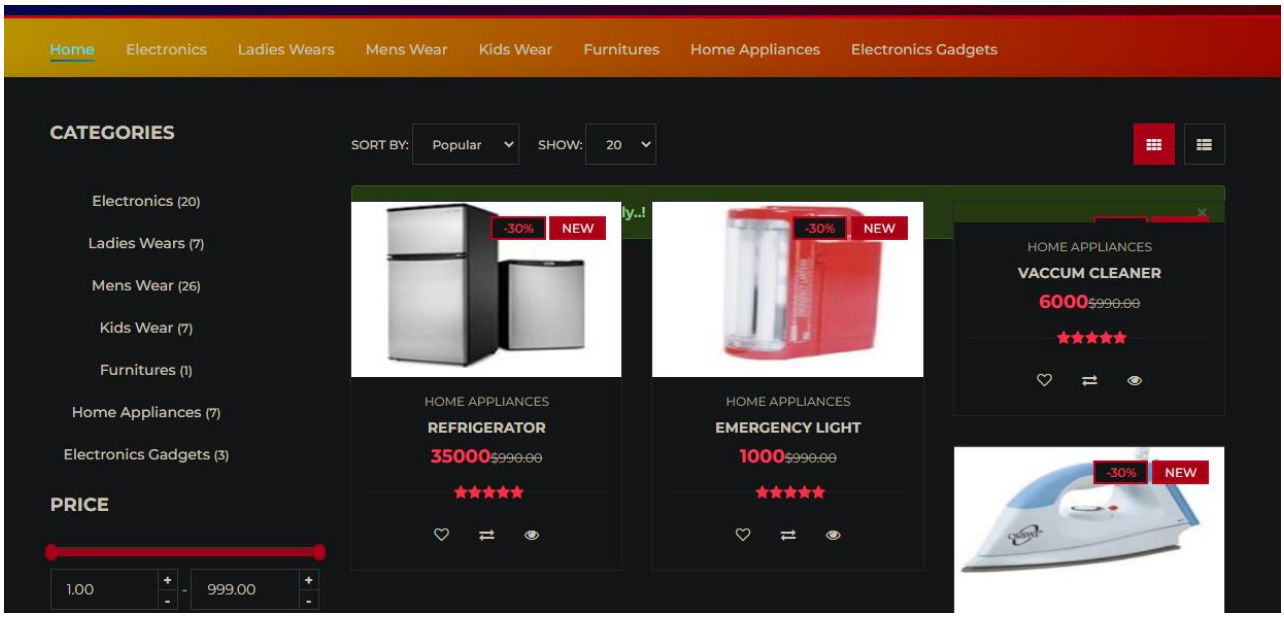
CATEGORIES
Mobiles
Men
Women
Kids
Accessories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Electronics
Ladies Wears
Mens Wear
Kids Wear
Furnitures
Home Appliances
Electronics Gadgets
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Ladies Wears (7)
Mens Wear (26)
Kids Wear (7)
Furnitures (1)
Home Appliances (7)
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999.00
SORT BY: Popular
SHOW: 20
-30%
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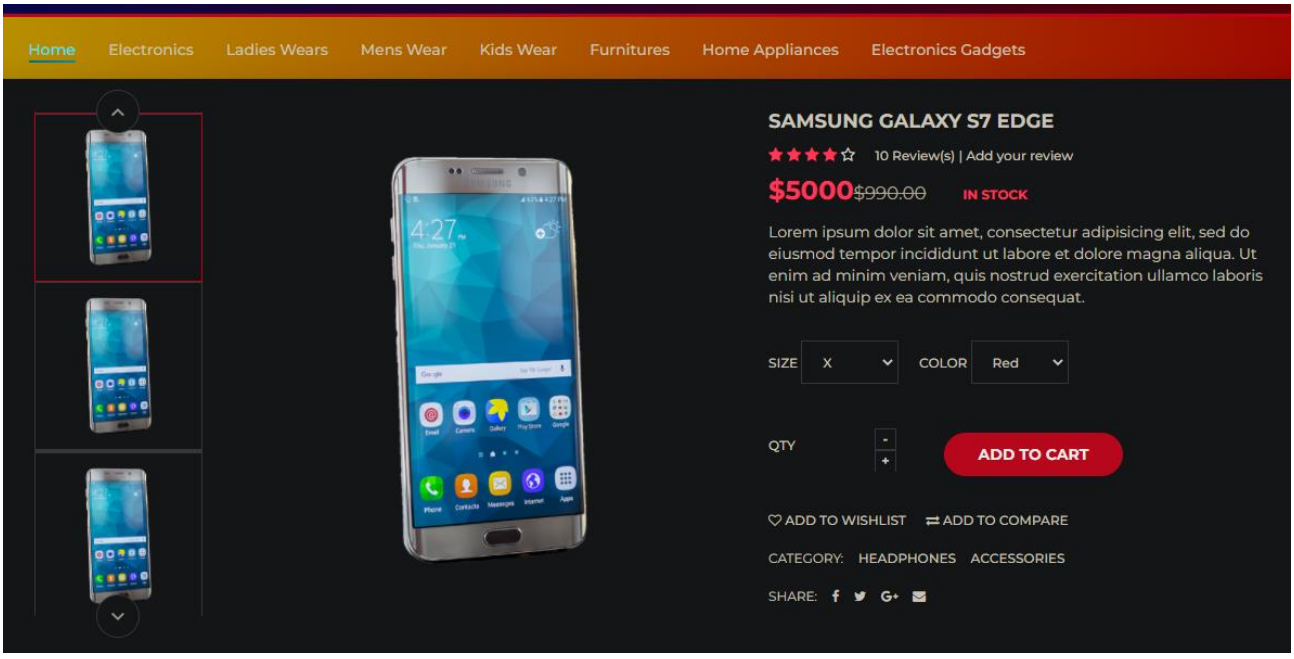
Home
Electronics
Ladies Wears
Mens Wear
Kids Wear
Furnitures
Home Appliances
Electronics Gadgets
SAMSUNG GALAXY S7 EDGE
10 Review(s) | Add your review
$5000$990.00
IN STOCK
Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.
SIZE X
COLOR Red
QTY
ADD TO CART
ADD TO WISHLIST
ADD TO COMPARE
CATEGORY: HEADPHONES ACCESSORIES
SHARE:

Product		Price	Quantity	Subtotal
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 Emergency Light	Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam,	1000	1	1000
 Samsung galaxy s7 edge	Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam,	5000	1	5000

‹ Continue Shopping

Total : $ 6460

Ready to Checkout

Register Here

Arun

H

arunh@gmail.com

.....

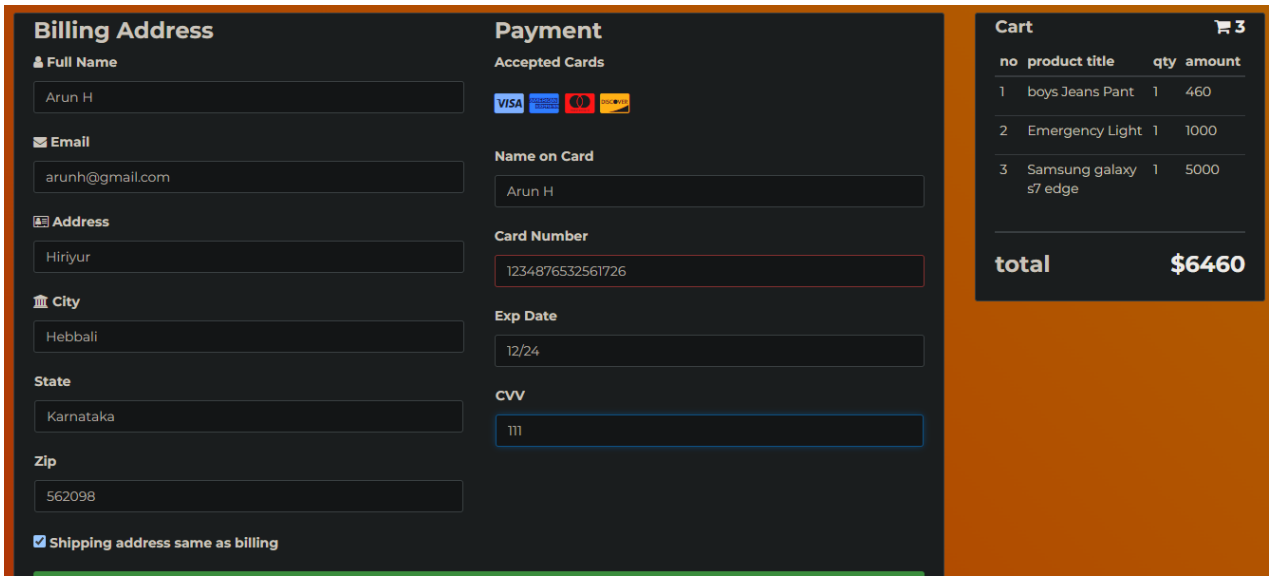
.....

9123456789

Hiriyur

Hebbali

SIGN UP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Address
Hiriyur
City
Hebbali
State
Karnataka
Zip
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Payment
Accepted Cards
Name on Card
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Card Number
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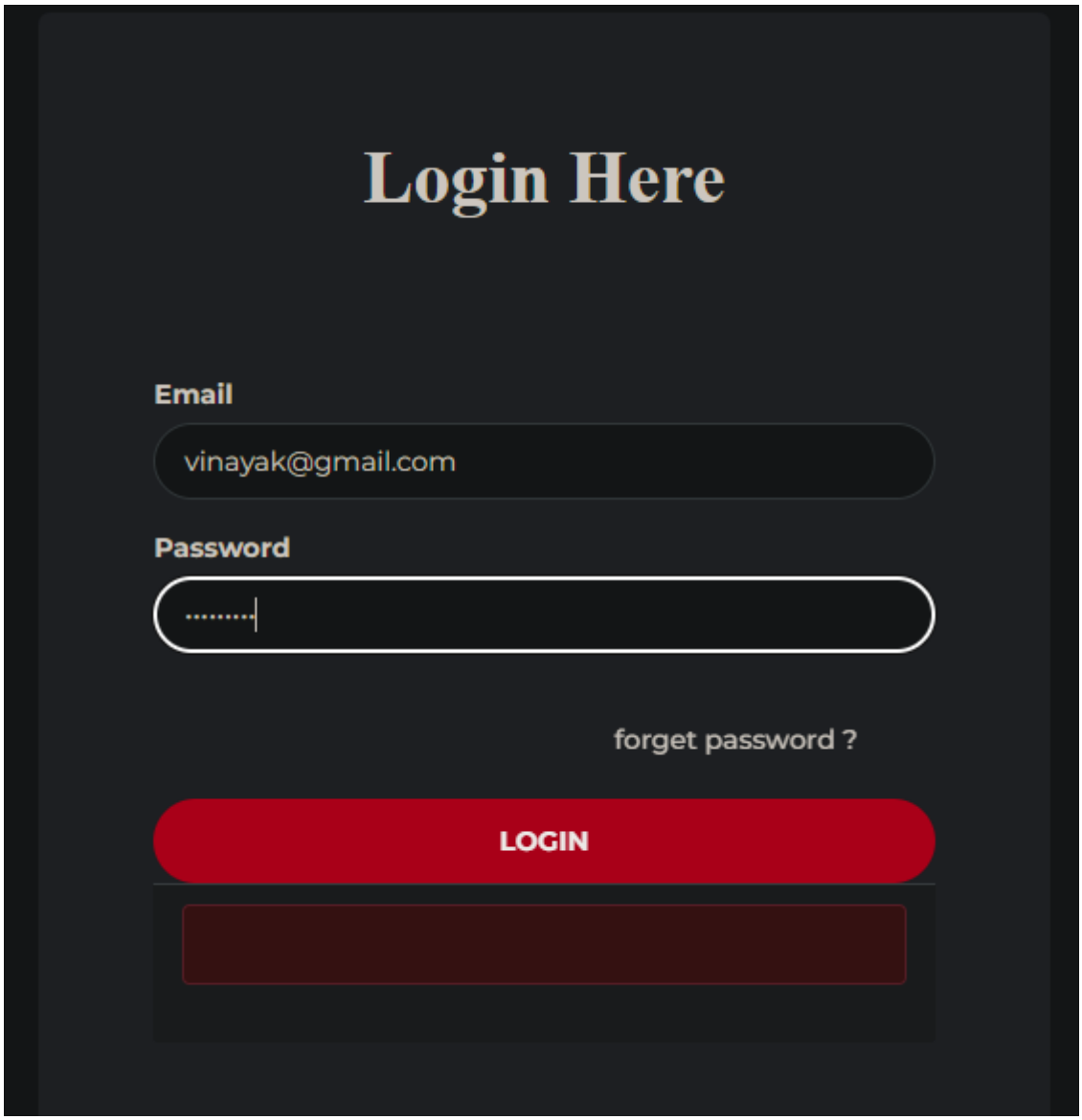
Login Here
Email
vinayak@gmail.com
Password
forget password ?
LOGIN

CONCLUSION AND FUTURE ENHANCEMENTS

Conclusion:

The ‘Online Shopping’ is designed to provide a web based application that would make searching, viewing and selection of a product easier. The search engine provides an easy and convenient way to search for products where a user can Search for a product interactively and the search engine would refine the products available based on the user’s input. The user can then view the complete specification of each product. The user can register an account and keep track of the cart products. They can place orders by providing details. The entire system is secured as well. This project thus provides convenient way of online shopping.

Scope for future development:

There is a scope for further development in our project to a great extent. Several features can be added to this system in future like providing classes for customers so that different offers can be given to each class. System may keep track of history of purchases of each customer and provide suggestions based on their history. Users can have multiple shipping and billing information saved as well. These many features can be implemented in the future.

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