

Project Report On

Electronic Accessories Website

Submitted By

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In-house Project

BCA Semester - V (2022-23)

Submitted To



**S.G.M. English Medium College of Commerce and Management
(SEMCOM)**

CVM University



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VALLABH VIDYANAGAR

Certificate

This is to certify that

Mr/Miss **Mihir P. Makwana**

of **TYBCA - V** Class, Exam Number **5115117**

has satisfactorily completed his / her term work in the course

In-House Project

..... for the term ending

in ~~March~~ / April / Oct. / Nov. **2022-23**

Date: **3/12/2022**

Faculty

Principal

Acknowledgement

I take this occasion to thank God, almighty for blessing us with his grace and taking my endeavour to a successful culmination. I extend my sincere and heartfelt thanks to our esteemed guide, Ms. **PALAK PATEL** mam, for providing me with the right guidance and advice at the crucial junctures and for showing me the right way. I extend my sincere thanks to college for allowing me to use the facilities available. I would like to thank the other faculty members also, at this occasion. Last but not the least, I would like to thank my friends and family for the support and encouragement they have given me during the course of our work.

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Project Profile

Tools:

-  HTML
-  CSS
-  JavaScript
-  PHP

Introduction:

This project is built with HTML, CSS, JavaScript and PHP.

In this project there are different webpages like, Home, Products, Contact us, Sign in etc. The HTML, CSS and JavaScript are used in frontend and PHP is used to store user's data and Products details on the server.

The basic concept of this project is to sell different Electronic Accessories. There are different accessories available in the products section.

The HTML and CSS are mainly used in design of this website. The JavaScript is used in form validation and PHP used to store the data.

The user's data which stored on the server are using PHP and MySQL via WAMP server. The user's passwords are encrypted so that even owner of the website is also not able to read the passwords.

In the website if user wants to purchase products than He/she must have to register their selves on the website using Sign In page. If they are already registered than they can easily purchase any products just by login using Mobile No. and Password.

Users also able to add products in the cart so that they can purchase it whenever they want.

For create an account on website user need have to feel following data: Name, Mobile Number, Email (Optional), Address, Pin code, District, State, Password.

Features:

- ✚ User-Friendly UI
- ✚ Product Description
- ✚ Easy to Buy
- ✚ Order Tracking
- ✚ Personal Data Policy

Needs of project:

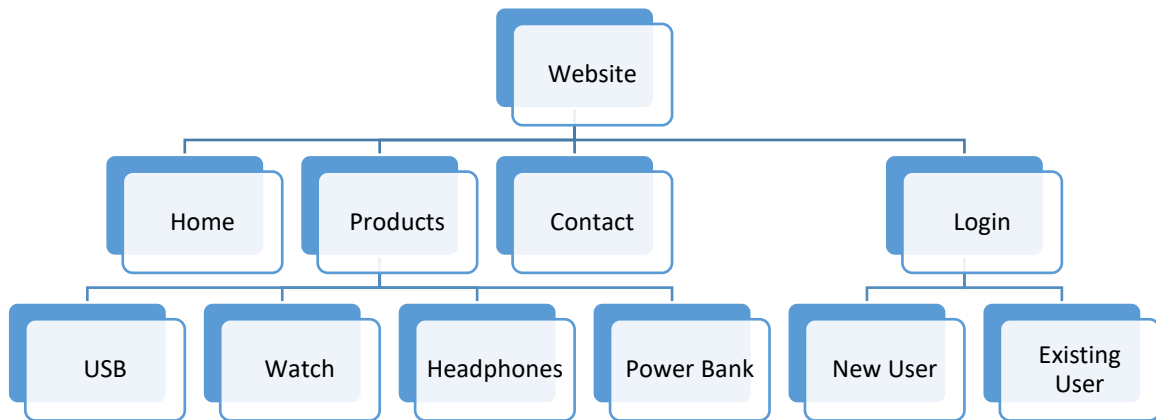
- ✚ Notepad
- ✚ WAMP/XAMPP Server
- ✚ Min RAM 512MB
- ✚ OS Windows 7/8/10

An Existing System

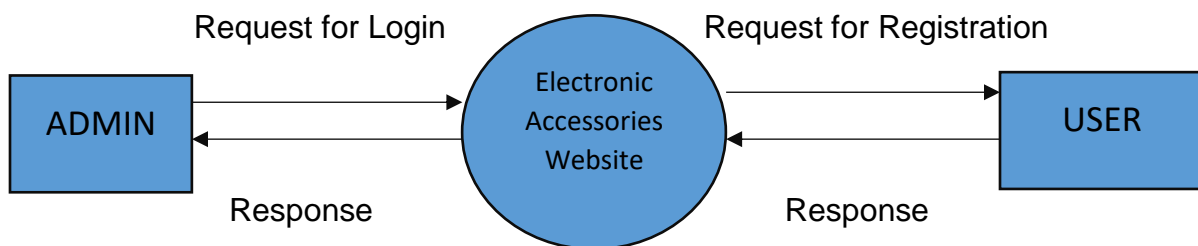
- ✚ This website has been developed for purchasing products online. This website can handle user's login info and orders of users.
- ✚ This website fetch products details and display it into the webpage.
- ✚ The existing system Register information required in the system is entered and maintained totally manually. Manually maintain the customer details personal info.
- ✚ This System has a very user friendly interface and user can purchase any item He/she wants, User can also add items in their cart and purchase it whenever they want.
- ✚ When user buy a product the order details will be stored in database and user can track record of their orders too.
- ✚ To buy a product or add an item to cart user needs to create an account on the system.

Data Flow Diagram

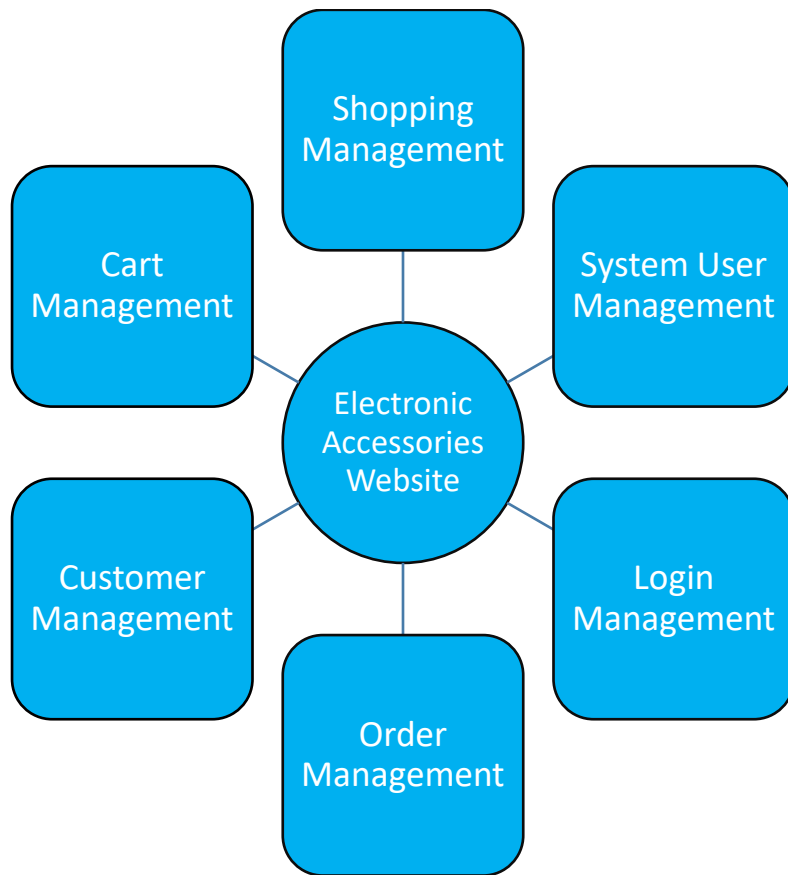
Process Hierarchy:



Context Level DFD:



Zero - Level DFD:



Data Dictionary:

Users Table – Contains details of Users

Column Status	Attribute	Data Type	Size	Description
Not Null	Name	VARCHAR	100	Name of Customer
Not Null, Primary Key	Mobile_No	VARCHAR	10	Mobile no. of Customer
Not Null	Email	VARCHAR	50	Email of Customer
Not Null	Address	VARCHAR	200	Address of Customer
Not Null	Pin code	INT	8	Pin code of Customer
Not Null	District	VARCHAR	20	District of Customer
Not Null	State	VARCHAR	20	State of Customer
Not Null	Password	VARCHAR	20	Password of Customer

Purchase Table – Contains purchase details of Users

Column Status	Attribute	Data Type	Size	Description
Not Null	Name	VARCHAR	100	Name of Customer

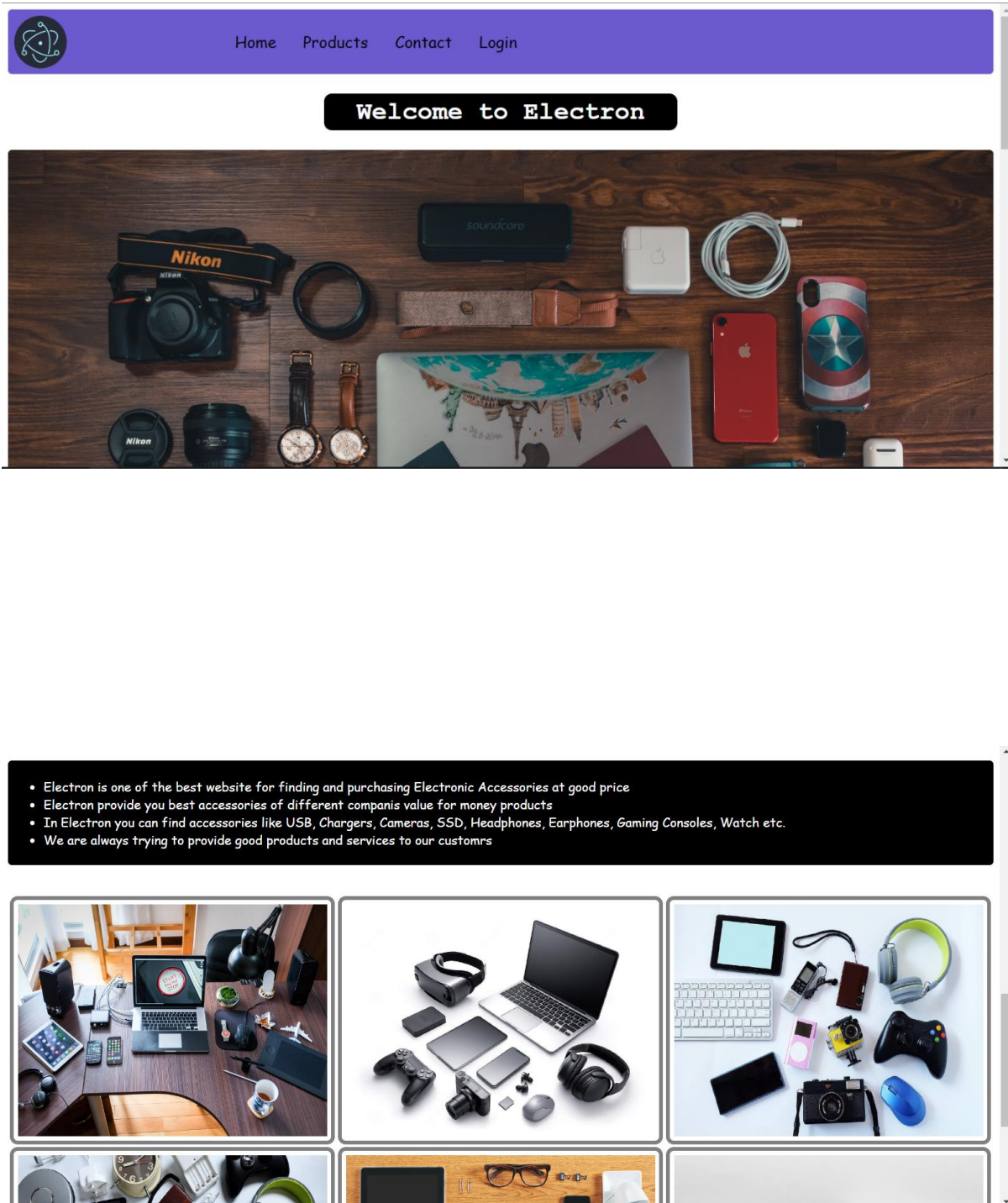
Not Null, Primary Key	Mobile_No	VARCHAR	10	Mobile no. of Customer
Not Null	Password	VARCHAR	20	Password of Customer
Not Null	P_Id	VARCHAR	5	Product ID
Not Null	Product	INT	250	Product Name
Not Null	Price	VARCHAR	20	Price of Product

Contact details Table – Contains contact details and feedback of Users

Column Status	Attribute	Data Type	Size	Description
Not Null	Name	varchar	100	Name of Customer
Not Null	Phone	varchar	10	Mobile no. of Customer
Not Null	Email	varchar	100	Email of Customer
Not Null	Message	varchar	500	Customer Message

Screens

Home



Products



[Home](#) [Products](#) [Contact](#) [Login](#)



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Name :

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Sign In

Name :

Mobile number :

Email(optional) :

Address :

Pincode :

District :

State :

Password :

Log In



[Home](#) [Products](#) [Contact](#) [Login](#)

Login

Mobile number :

Password :

Log In

New User

Sign in

Conclusion

The project entitled Online shopping system was completed successfully. The system has been developed with much care and free of errors and at the same time it is efficient and less time consuming. The purpose of this project was to develop a web application and an android application for purchasing items from a shop. This project helped us in gaining valuable information and practical knowledge on several topics like designing web pages using HTML & CSS, usage of responsive templates, designing of android applications, and management of database using MySQL. The entire system is secured. Also the project helped us understanding about the development phases of a project and software development life cycle. We learned how to test different features of a project. This project has given us great satisfaction in having designed an application which can be implemented to any nearby shops or branded shops selling various kinds of products by simple modifications. There is a scope for further development in our project to a great extent. A number of features can be added to this system in future like providing moderator more control over products so that each moderator can maintain their own products. Another feature we wished to implement was 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. These features could have implemented unless the time did not limited us.

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