

A Mini Project Synopsis on
Online Shopping System

S.E. - I.T Engineering

Submitted By

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CERTIFICATE

This to certify that the Mini Project report on **Online Shopping System** has been submitted by Prasad Sawant (21104072), Kunal Singh (21104127), Ankul Yadav (21104052) and Shubham Yadav (21104091) who are a Bonafede students of A. P. Shah Institute of Technology, Thane, Mumbai, as a partial fulfilment of the requirement for the degree in **Information Technology**, during the academic year **2022-2023** in the satisfactory manner as per the curriculum laid down by University of Mumbai.

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References

1. Introduction

The project is a web-based application where users can buy various types of shoes sitting at one place. The System automates the conventional process of purchasing products by visiting the place. Users need to interact with shopkeepers for the product quality which is time consuming whereas in online mode complete product details are mentioned. Users have to stand in queue for paying bills and wait for their turn. The process is tiresome and time consuming. Hence the system is developed to automate the online shopping process.

Online shopping is the process whereby consumers directly buy goods or services from a seller in real-time, without an intermediary service, over the Internet. It is a form of electronic commerce. This project is an attempt to provide the advantages of online shopping to customers. It helps buying the products in the shop anywhere through internet by using website. Thus the customer will get the service of online shopping and home delivery from his favorite shop.

1.1 Purpose

The main need of our project is to build an efficient online shopping system for the users. Which will target mainly for user benefits, where customers can order their product without any inconvenience and trouble.

1.2 Objective

The current fast-moving world and the love for the technology of the present generation demands change and change and certain repositioning in the boring and time consuming process of manually ordering Products. And therefore our aim is to create an innovative website for Users where they can view products available and order them with a single touch. This simple system will surely be effective in the current scenario, for eg. As we recently faced COVID pandemic where no one was allowed to step outside. And can be helpful to both the Customer and Shopkeeper personnel by saving their time and managing their workload easily and efficiently.

In order to build such an application complete web support need to be provided. A complete and efficient web application which can provide the online shopping experience is the basic objective of the project. The web application can be implemented in the form of an android application with web view

1.3 Scope

1. The main aim is to build an extremely accurate and practical website and make the user experience hassle-free.
2. The web page will be saving lots of time and energy and will continuously change its user experience.
3. Our future plan is to add various other products for the users on our website.

2. Problem Defination:

The manual system is suffering from a series of drawbacks. Since all billing processes are to be maintained with hands. the costof maintenance will be higher it is very time consuming and laborious process because, the salesman will be required to help the customer, staff will be required to make proper arrangement of products. A bill desk, workers will be needed security guard and many more thing are required, for this reason, we have provided a system which is partially automated(computerized).

3. Proposed System:

The conventional system of shopping is not so effective; because the customer needs to visit the shop, then the salesman will give brief details about the product which will be time consuming, further the cashier will calculate the amount of product. Then the process will end. Hence, the conventional shopping system is uneconomical, requires many staff to do simple jobs and is a lengthy process overall. In order to solve this lengthy process of shopping, a web based computerized system is essential.

This proposed online shopping system project overcomes all these drawbacks with the features. It is beneficial to both provides the product with the new system, there is reduction in the number of staff to be employed by the company. The working speed and performance of the software is faster with high performance which saves time.

3.1 Features And Functionality:

- **Login:** 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, products details, product image, price can be viewed by users.
- **Search Products:** Users can search for a particular product in the list by name.
- **Add To Cart:** The user can add the desired product into his cart by clicking 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. User can remove an item from the cart by clicking remove.
- **Submit Cart:** After confirming the items in the cart the user can submit the cart by providing a delivery address. On successful submitting the cart will become empty.

4 Project Outcomes:

- It can assist the user to concentrate on their other activities rather to concentrate on the record keeping.
- Fully-fledged computer software, fulfilling their requirements, so that their valuable data information can be stored for longer period with easy accessing and manipulation of the same.
- The required software are easily available and easy to work.
- Basically the project describes how to manage for good performance and better service for the users.

5 Software Requirement:

Front End:-

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 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.

BACK END:-

The back end is implemented using MySQL which is used to design the databases. MySQL is the world's second most widely used open-source relational database management system (RDBMS). The SQL phrase stands for Structured Query Language. An application software called Navicat was used to design the tables in MySQL.

6 Project Design:

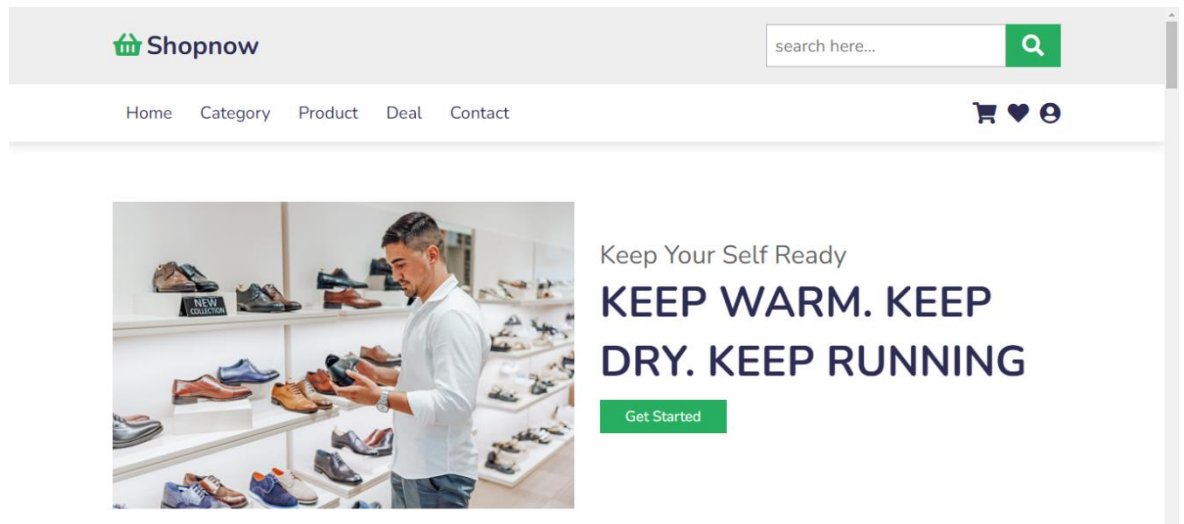


Fig 6.1 HOME PAGE

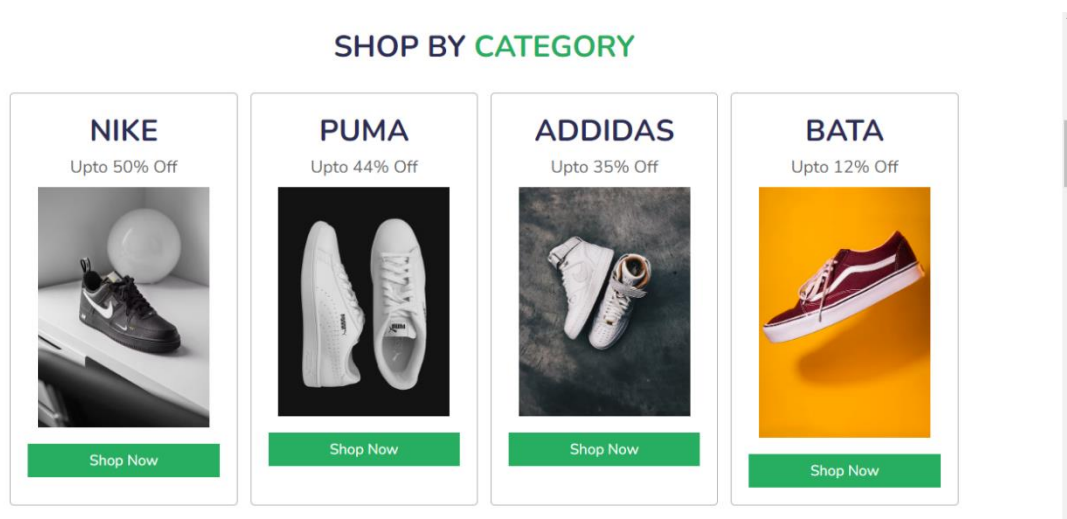


Fig 6.2 Category of shoes

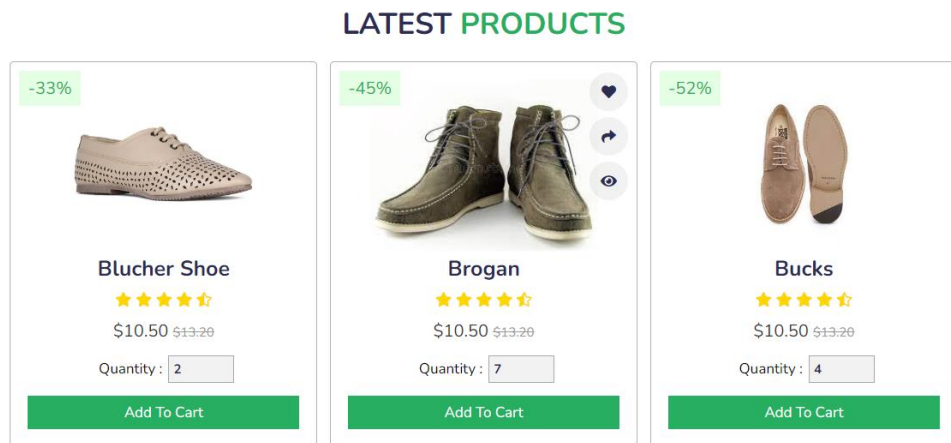


Fig 6.3 Latest Products

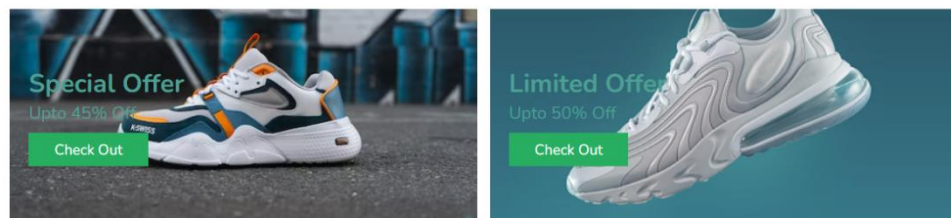


Fig 6.3 Special Offer

CONTACT US

name	email
number	subject
message	
Send Message	

Fig 6.4 Contant Details

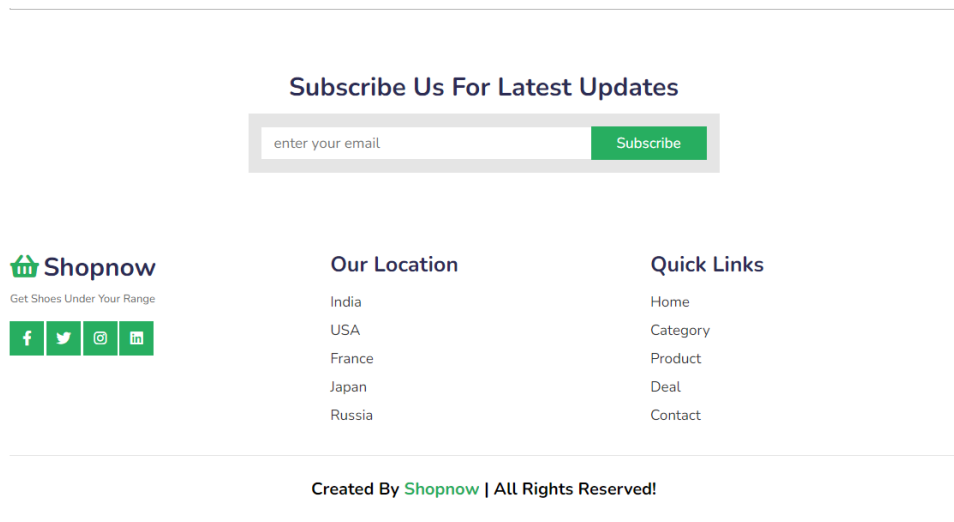


Fig 6.5 Website Details

7 Conclusion:

The system will reduce the manual efforts of visiting shop physically our project has managed to adopt several user friendly coding. It is a software which helps the user to work with different features and functions. This website will help user avoid their stress of visiting markets. It will also benefit user to get various types of shoes brand available on websites, as per their choice. In the end, our system will be safe and trouble free for users and help them save their precious time._

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