

# E-commerce Website

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# **E-commerce Website**

## **Mini Project - 1**

Submitted in fulfillment of the requirements

For the degree of

**Bachelor of Technology in Computer Engineering**

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## **CERTIFICATE**

This is to certify that the mini-project entitled “E-commerce website” submitted by Rachit Shah (14BCE110) and Smit Shah (14BCE112), towards the partial fulfillment of the requirements for the degree of Bachelor of Technology in Computer Engineering of Nirma University is the record of work carried out by him/her under my supervision and guidance. In my opinion, the submitted work has reached a level required for being accepted for examination.

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## **ABSTRACT**

Our project involves making an e-commerce website similar to other popular e-commerce sites like Amazon, Flipkart, Snapdeal, etc. We used Adobe Dreamweaver software utilizing web languages like HTML/CSS, javascript and PHP. The server side database was prepared using phpmyadmin in MYSQL. The website aims at selling products to our customers in the most interactive and easy way possible.

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# Introduction

## *Overview of the system*

Our e-commerce website named "" includes different categories such as "Electronics", "Home&Kitchen", "Books", "Media", "Music", "Gaming" and "Clothing". The website contains all features needed by the customer including an always accessible cart and our most popular products on the front page. To make it visually attractive and efficient we have used 'Bootsrap' themed carousels and other components.

## *Summary*

The user first greets our homepage which includes a nice header to search products, login/signup and cart, and menu bar with all categories. The menu bar features drop-down menus through which user can access all our sub-categories. Our popular products and offers are features in a bootstrapped carousel. All popular products in each category are also featured on the front page in a carousel form. The footer includes all useful links which a customer might need including our contact information like address and phone numbers, Return and Refund Policy, Privacy Policy, Shipping and Handling, Payment Options and Terms and Conditions.

Login and signup buttons are pop-up menus through which a user can sign up or login to an existing account in the easiest way possible without leaving the page.

The cart is also a pop-up which includes all products that the customer has added to the cart. It gives them ready information and an option to edit a item or to remove it.

The product page is accessible through id of each product and includes Name, Price, Images and a detailed description about the product. The customer can add the product to cart using the 'Add to Cart' button or directly go to checkout using the 'Buy Now' button.

At last the customer can check out the products by entering their address and giving payment information.

## *Objective of Study*

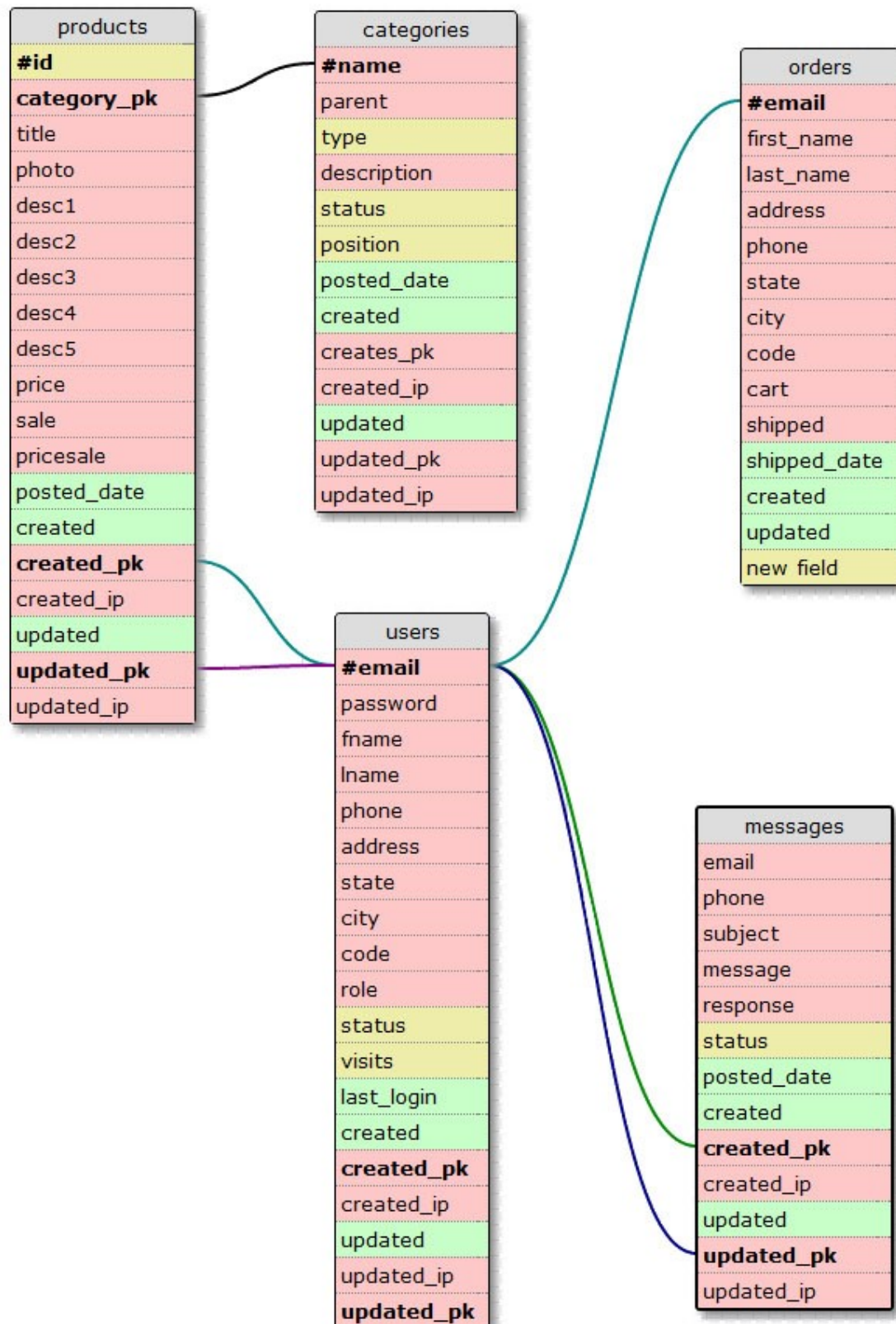
Our main objective to choose this website for our mini-project was mainly because we were interested in web designing and thought it would help us in our future endeavours. We were always impressed by the awesome websites on the internet and we always wanted to create such websites on our own and study the web designing concepts. This mini-project gave us the opportunity to pursue our goals and objectives.

## *Scope of Work*

The project covers web designing areas like HTML, CSS, Javascript, PHP and MYSQL. We learned all these languages from internet and books to make this project possible.

## Workflow

## ClassDiagram





## Facilities required for proposed work

All above features were possible using web design languages in Adobe Dreamweaver. The following are the languages and softwares used:

- HTML
- CSS
- PHP
- Javascript
- jQuery
- Bootstrap in HTML/CSS
- Wampserver/phpmyadmin for MYSQL database

## Project Screenshots



Figure 1 Home Page



Figure 2 Product Page

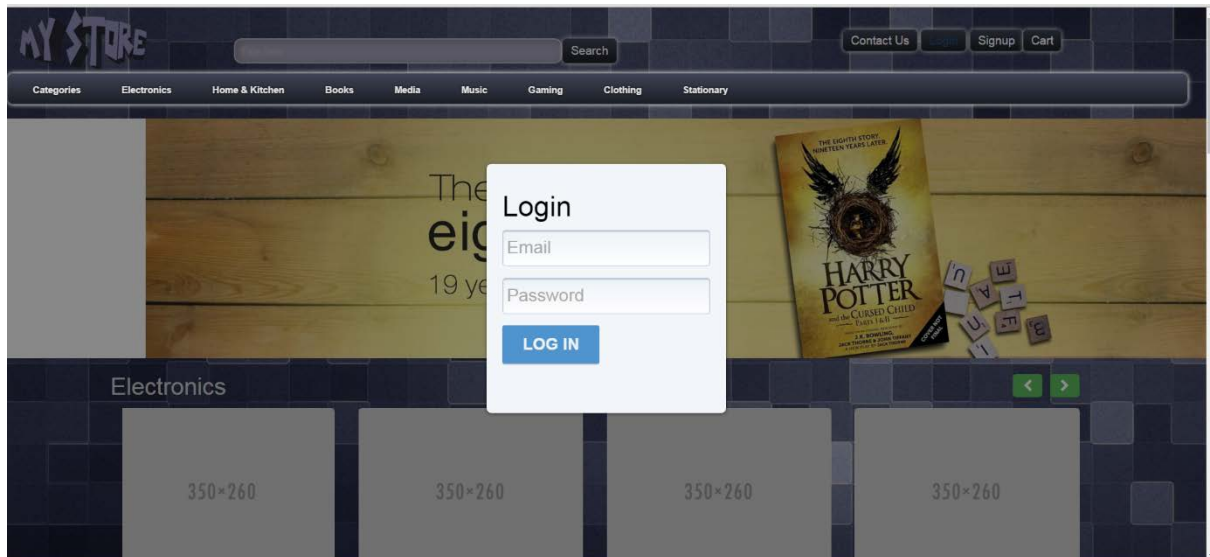


Figure 3 Login Pop-up

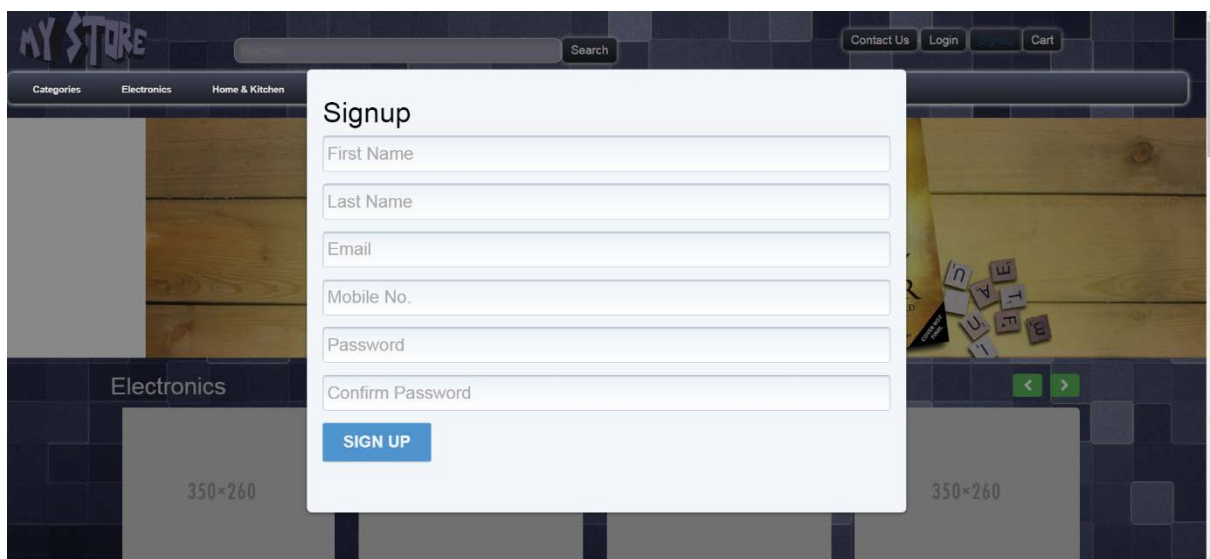


Figure 4 Signup Pop-up



Figure 5 Cart Pop-up

The checkout page is divided into three main sections: Cart, Shipping, and Payment. The Cart section shows a review of the order, including a table of items and a summary of costs.

Item	Quantity	Price
1968 Ferrari Other 250 GTO	1	\$1200000
<b>Subtotal</b>		<b>\$1200000</b>
<b>Shipping</b>		<b>-</b>
<b>Order Total</b>		<b>\$1200000</b>

The Shipping section contains a form for the shipping address, including fields for Country, First Name, Last Name, Address, and City. The Payment section contains a form for credit card payment, including fields for Card Type, Card Number, Card CVV, and Expiration Date. A 'Place Order' button is located at the bottom of the Payment section.

Figure 6 Checout Page

Figure 7 Footer

**MY STORE**

Search

Contact Us Login Signup Cart

Categories Electronics Home & Kitchen Books Media Music Gaming Clothing Stationary

**Product Form**

Name

Category

Sub-Category

Images  No file chosen

Description

Price

Discount(in %)

**SUBMIT**

Figure 8 Product Form

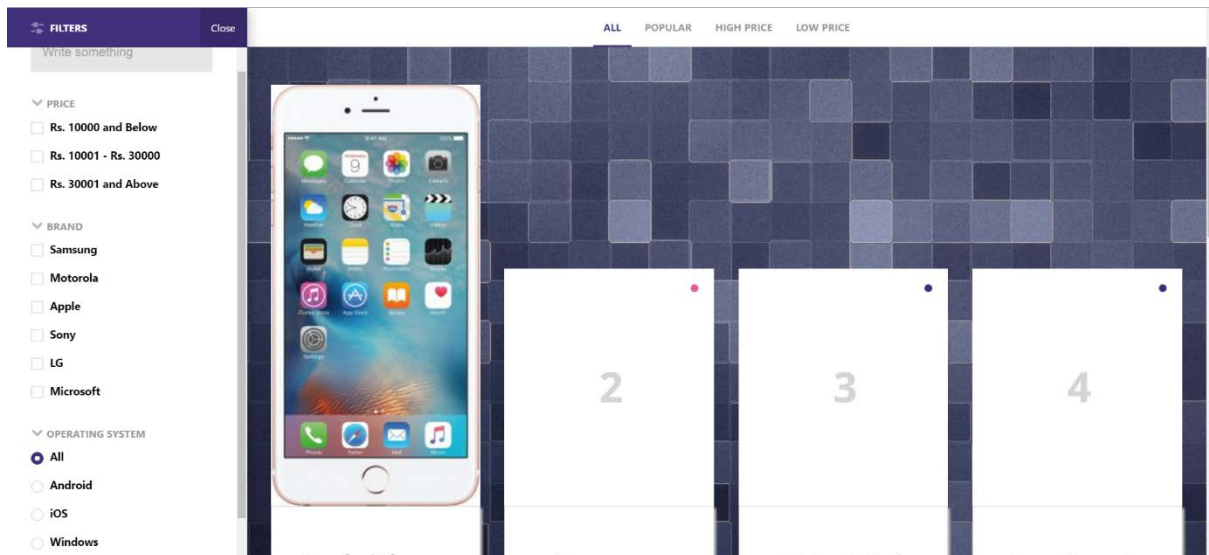


Figure 9 Product List Page with content filters

## Conclusion

It's been a wonderful experience doing this project. We were able to learn web designing and feel this would be helpful in our future endeavours. The field of web designing is very wide with an unlimited designing options. We learnt few of these techniques and we look forward to utilizing this in future and learn more. Using internet platform we can reach to multiple people and sell our products. This might help us if we want to start our own startup.

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