



## DESIGN OF E-COMMERCE APP ZORA CART FOR EASY ONLINE SHOPPING

Ridhima Jain<sup>#1</sup>, AyushiTripathi<sup>\*2</sup>, Vijendra K. Maurya<sup>#3</sup>

<sup>#1,2</sup>UG Student Department of ECE, Associate Professor  
GITS Udaipur Rajasthan

<sup>1</sup>jain.ridhima21@gmail.com, <sup>2</sup>ayushitripathi2510@gmail.com, <sup>3</sup>vijendra.maurya@gits.ac.in

**Abstract** -In this paper, develop software for E-market place to manage the details of Products, Customer, Shipping, and Category. It manages all the information about Products, Sales, and Category. The project is totally built at administrative end and thus only the administrator is guaranteed the access. The purpose of the project is to build an application program to reduce the manual work for managing the Products, Customer, Sales and Shipping. It tracks all the details about the Shipping, Payment and Category. The report proposed the results and solutions on the limited implementation of the various techniques that are introduced in the project.

**Keywords** - E-commerce, Application, Internet.

### INTRODUCTION

From business to entertainment, from culture to communication and technology, as well as shopping and travel, the internet has altered many facets of society. With the help of technology advancement, this new kind of communication has created new ways of doing business. E-commerce is a brand-new way to shop and conduct business. Companies may now promote and sell their products in new markets, breaking down geographical barriers like never before. When consumers employ wireless and internet technology, they have access to a larger market of products. Companies have been able to reach consumers in increasingly diverse ways thanks to mobile devices with widespread Internet connectivity, ensuring deep market penetration. Faster wireless networking standards enable wireless devices to employ more e-commerce applications, allowing for greater mobile commerce accessibility (m-commerce).

"A specific branch of e-commerce in which mobile devices and their network connection medium are used to buy, sell, and promote items, services, and information," according to the definition. Wireless technologies have improved traditional e-commerce, according to Koukia, Rigou, and

Sirmakessis (2006), by "offering the extra aspects of mobility (of participation) and portability (of technology)." E-commerce application development is the subject of this article. This article will examine current e-commerce application trends and design an application architecture that explains the internal architecture. Furthermore, more advanced demonstration web-services to communicate with web servers will be developed. In addition, the major characteristics of devices used for E-commerce will be discussed, as well as the available survey design standards and the critical role that these characteristics play in expanding the potential of m-commerce.

### OBJECTIVE

The main objective of E-commerce application development is to sell products to users. The most successful websites are carefully optimized to achieve a high percentage of purchases. To achieve success e-commerce applications need to integrate all of the latest online closing & up sell techniques available which have been proven to increase the chances that a visitor will purchase.

### FEATURES

There are three features available for users.

a) Firebase authentication

Most apps need to know the identity of a user. Knowing a user's identity allows an application to securely save user data in the cloud and provide the same personalized experience across all of the user's devices.

Firebase Authentication provides backend services, easy-to-use SDKs, and ready-made UI libraries to authenticate users to your app. It supports authentication using passwords, phone numbers, popular federated identity providers like Google, Facebook and Twitter, and more.

Firebase Authentication integrates tightly with other Firebase services, and it leverages industry standards like OAuth 2.0 and OpenID Connect, so it can be easily integrated with your custom backend. Fig. [1] & [2] shows the login form and register form.

Fig. [1] Login Form

Fig. [2] Register Form

#### b) Admin panel

From admin panel admin can insert new products and also add new categories. Admin can view all the user and their orders. For better understanding refer image.

#	Name	Username	Mobile Number
1	anvika	anvika123@gmail.com	984321057
2	arham jain	arhamjain013@gmail.com	
3	ridhima	sakshisona21@gmail.com	
4	Muskan Khadwal	muskankhadwal1322@gmail.com	7023565265
5	jain	jainmca@gmail.com	
6	Ratan kumar jain	atc0123@gmail.com	9481079150
7	Ridhima	jain ridhima21@gmail.com	
8	Yash	yashkumar013@gmail.com	

Fig. [3] Admin Panel Users Record

#	Customer Name	Location	Product Name	Imageurl	price
1	Arham jain	Rajasthan	Dress		600
2	Ridhima jain	Rajasthan	T-shirt		400

Fig. [4] Admin Panel Users Orders

#	Category	Delete
1	HomeDecor	
2	Fashion	
3	Electronics	
4	Appliances	

Fig.[5]Admin Panel Category

#	Name	Category	Price	Instock	ProductId	Edit	Delete
1	iPhone	Electronics	50000	5	21		
2	earbuds	Electronics	1500	10	30		
3	Refrigerator	Appliances	52000	8	54		
4	Laptop	Electronics	40000	60	31		
5	Top	Fashion	250	10	23		
6	Television	Electronics	29999	15	53		
7	Coffee Metal Plant Stand	HomeDecor	1300	30	41		

Fig.[6] Admin Panel Add Product

User can choose from different ordering to their wish.

#### c) Add to cart

User can cart product to cart and delete from cart or shop from the cart. Overview of this is shown in the image below.

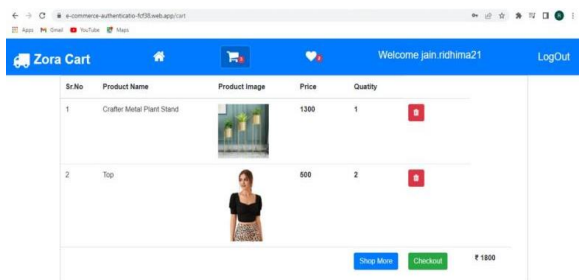


Fig. [7] Add To Cart

### APPLICATION

The software should allow the user to add numerous sources for the same web server from a mobile phone so that they may code flex, which means they can create and deploy cross-platform Internet apps for cell phones. This means that a mobile application should be able to find a list of products from various remote applications that offer the same web services as the mobile application.

### CONCLUSION

People's mobility and technological advancements are important factors in today's economy. When it comes to marketing products or services, mobile applications are crucial. Mobile phones have created a fantastic possibility for Internet access. The use of a mobile phone has increased as a result of e-commerce.

### REFERENCES

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Tamplin and Andrew Lee in 2011. Envolve provided developers an API that enables the integration of online chat functionality into their websites.

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