

Development of web application reselling platform

Submitted by

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[GitHub Link: https://github.com/CSE311Project/CSE311_Section-2_project]

Abstract

In 2020, much of the world went into lockdown for a long time, forcing many businesses to temporarily shut down. Many people lost their jobs as well. Internet has become the soul of this world, and without it, our lives would come to a standstill. The times that we're currently living in clearly demonstrates why we need an online platform to interact more than the offline ones. Now-a-days e-commerce is the only way that can be started with a short funding. It is now a platform that can elaborate in a significant way. Not only will the business grow but also it will be helpful for a lot of people who get jobless. Now the question comes, how will other people get the benefit? We all have heard about affiliate marketing. Affiliate marketing is an advertising model in which a company pays others to advertise their products and services and generate sales. By an e-commerce site not only the people who planned to start a business will get the benefit, but the people who are not able to start because of funding can earn from it. Time and effort are the main thing here. Reseller Ecommerce is one such spectacular business silo that's exceptionally stable and scalable. To maintain the pace with today's world one needs to develop the thinking of living ways. Learning new things, experiencing the challenges, discovering the new ways can lead to a successful life.

About Propel

There are so many E-commerce platforms in our country. There are some popular platforms which are Evaly, Daraz, and Bikroy.com, etc. These platforms are B2B. People can only purchase products on this website. However, they are unable to earn a living. Reselling channels, on the other hand, are more like B2B and B2C. Reselling is a form of drop shipping in which businesses buy goods for resale and make a profit: resellers buy products from manufacturers and resell them to end-users either online or via conventional offline direct channels. This business method takes advantage of the reseller drop-ship business model as the middleman between suppliers and customers. A reseller differs from a dealer in that he or she does not keep an inventory of goods and does not assist the manufacturer with promotion, branding, or making. In his territory, a reseller has complete authority to resell goods from manufacturers. In our proposed web-based reselling system, people will have an opportunity to do both buying and earning. People can purchase products and also can make money by selling products as well. One important thing is that the unemployment problem is prevalent in our country. There are millions of people in our country. Also, many people lost their jobs in this pandemic situation and became unemployed. Our system will be an excellent and most straightforward platform for all unemployed people in our country to earn money from home.

Goals

The main goal is to give the idea of affiliate marketing in our country. Moreover, being an entrepreneur, helping general people to find their needs, giving another chance of earning by the business leaders is also considered as goals for this project.

Overview

Admin view:

The webpage created is fully admin controlled. There is a login page for the admins. Admins can login/register and that information is saved in the database. An admin can see other admins' names along with the email id. Orders can be seen by an admin. Orders can be deleted and viewed as well. The interesting part is that admin can add brands, categories of a product. After that, the admin can add products with the designated information. The products that an admin adds only those products can be there in the database and only those products will be shown in the webpage. However, product information can be edited or deleted. Admin can also see the customer information but cannot edit or delete user information.

Consumer view:

By the link a consumer can see the products by brands and categories. They can buy by clicking the add to cart button as long as they can. In the cart option they can checkout and there they have to register or login. Without login no consumer can buy any product. Consumers can search a product from the search button and can sort items. In the cart they can reduce and also can add the quantity if available.

Seller view:

Sellers have to first register with valid information and login using seller id and password. There they can request for products. After confirmation the products will be added in their shop by admins. They can also see the orders they are getting. [Not implemented]

Method Materials

The methods and materials used to achieve the goal are discussed in this section. This system aims to implement a web-based platform where people can buy the product and share them in social media. We have divided our work into several parts. To solve our problems, we have proposed a web-based system. In our system, we will build homepages of our website using basic HTML and CSS. And for the backend part, we used PHP.

Some screenshots:

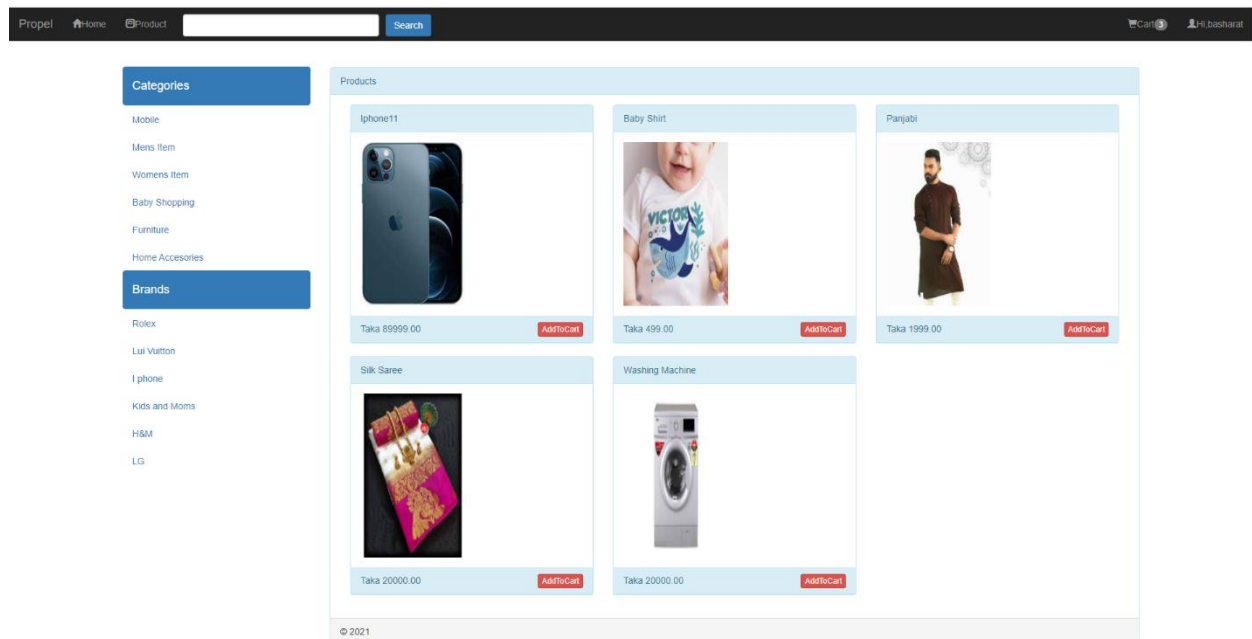


Fig 1: Homepage

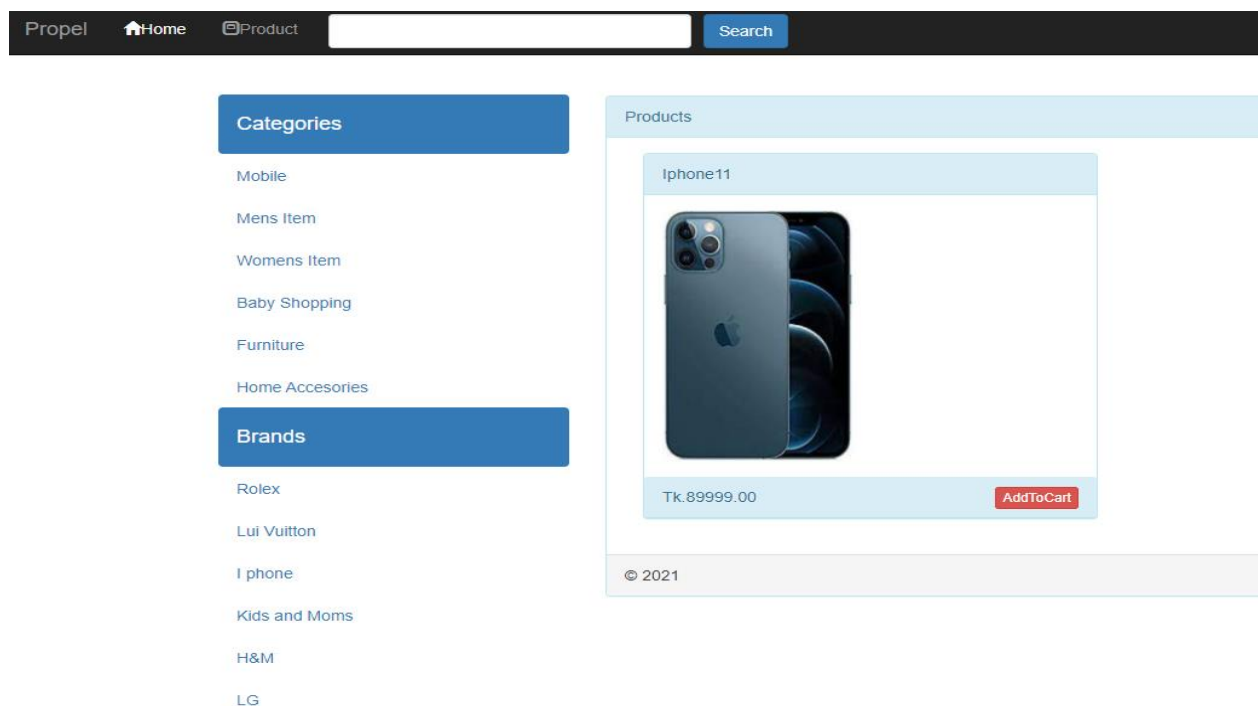


Fig-2: product by category

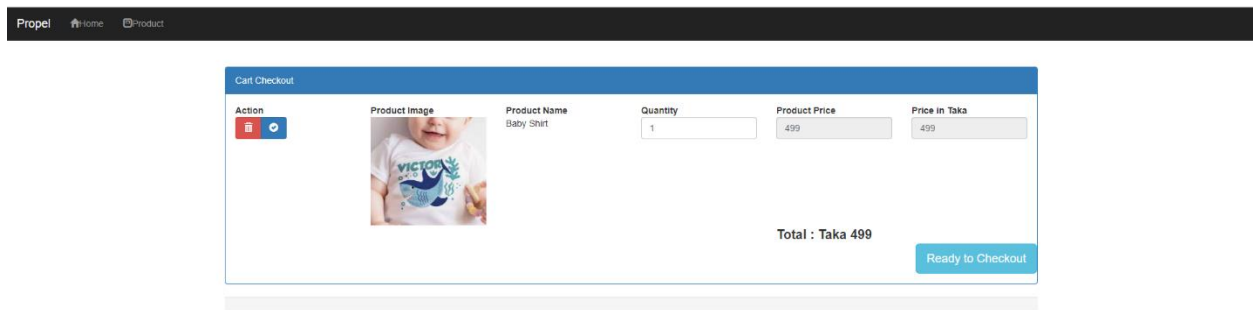


Fig-3: cart

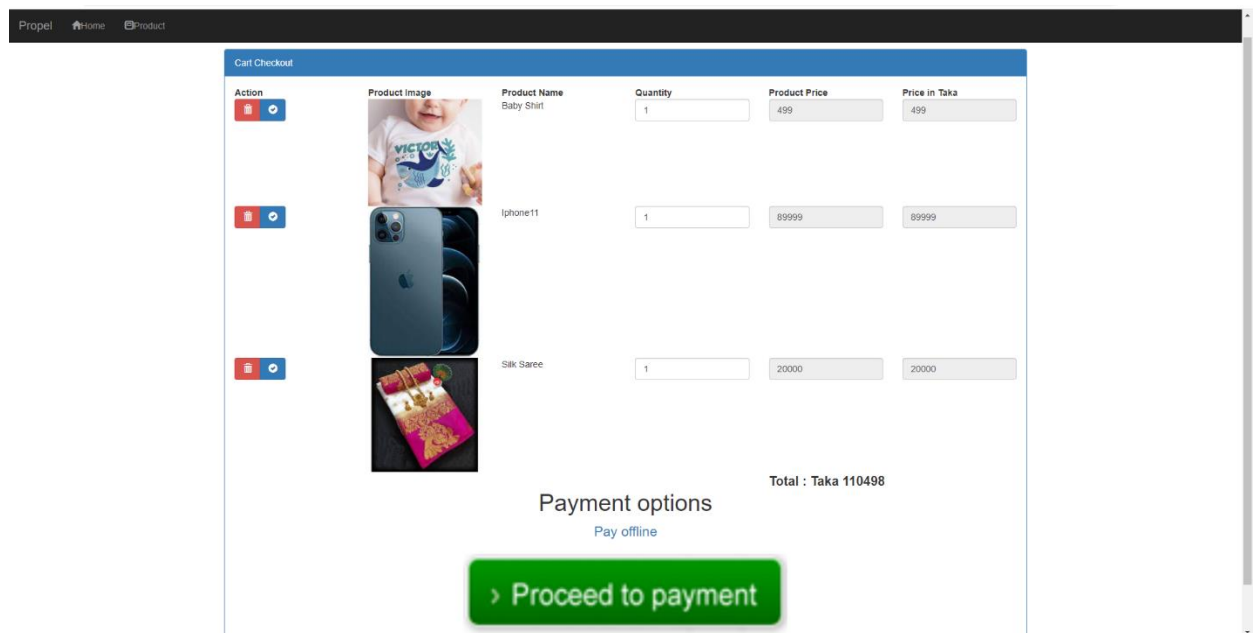
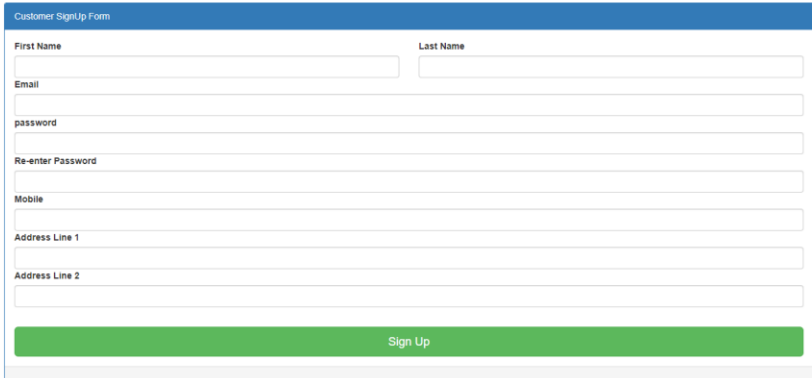


Fig-4: Checkout



Customer Sign Up Form

First Name Last Name

Email

password

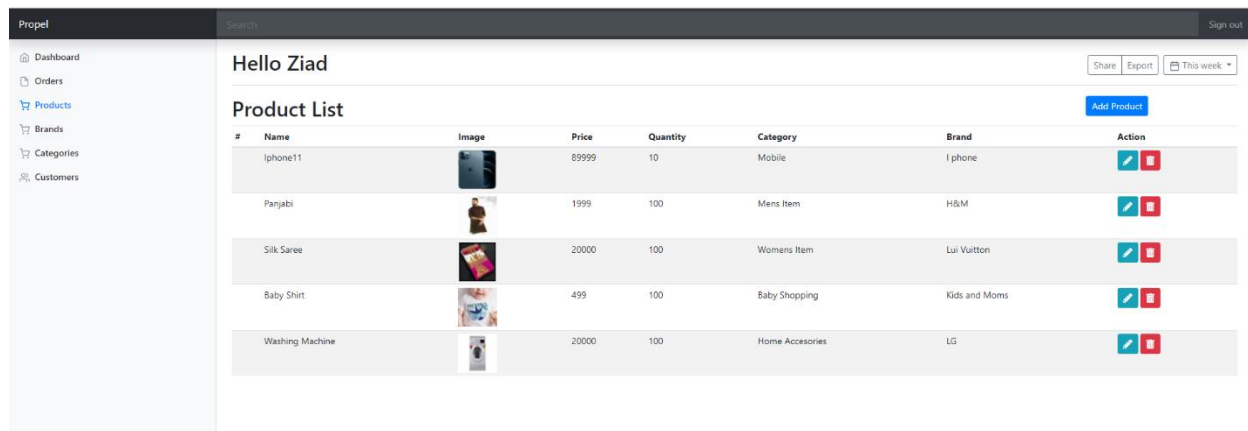
Re-enter Password

Mobile

Address Line 1

Address Line 2

Fig-5: Customer registration



Propel Search Sign out

Dashboard Orders Products Brands Categories Customers

Hello Ziad Share Export This week

Product List Add Product
















#	Name	Image	Price	Quantity	Category	Brand	Action
	Iphone11		89999	10	Mobile	I phone	 
	Panjabi		1999	100	Mens Item	H&M	 
	Silk Saree		20000	100	Womens Item	Lui Vuitton	 
	Baby Shirt		499	100	Baby Shopping	Kids and Moms	 
	Washing Machine		20000	100	Home Accessories	LG	 

Fig-6: Admin Panel

Conclusion

An increasing number of businesses in a variety of sectors, including banking, education and tourism, have developed their offerings by integrating technology into their service delivery process. While technology integration in services is becoming more popular, little academic research has been done to explore its effect. E-commerce-related concerns are also on the rise, posing a significant threat to the industry's long-term viability and necessitating proper marketing plans on the part of marketers. If advertisers want to be competitive in this emerging business model, the study on E-commerce suggests a variety of reasons that must be considered. The important feature in E-commerce is privacy which not only increases competitive advantage but confidence level of the customers.