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MULTI OCCUPANT SHOPPING KEY

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A B S T R A C T

The research model's purpose is to add to the body of knowledge by identifying and implementing success criteria that are relevant to ecommerce websites. To be sure, further empirical research is required to support the conclusions. Rarely has the retail and consumer services sector been confronted with a strategic dilemma of such magnitude and uncertainty, and one that is growing at such a rapid rate. The academic world looks to be lagging behind the real m of practise in terms of giving meaningful study of the topic. Concerns four different facets of the new economy as they pertain to merchants. Examines how the introduction of new electronic channels to the market has resulted in a variety of business differentiation strategies, with a focus on branding and the cost the second segment examines how B2B businesses might improve their supply chains and productivity by utilising electronic channels. Finally, it assesses how well we comprehend some of the challenges associated with organisational change. Finally, the future of ecommerce is taken into account. Suppliers of enterprise software install their product on a customer's facilities, which is then frequently customized to match the customer's specific requirements. Because the client no longer has exclusive control over the application when corporate applications migrate to the cloud as multi-tenant Software-as-a-Service (SaaS), on-premise customization faces new challenges. Vendors require a novel method for facilitating customization on multi-tenant SaaS in order to empower enterprises with unique requirements on top of the common standard SaaS. In this paper, we discuss both invasive and non-intrusive ways for setting multi-tenant SaaS using microservices. The paper highlights key concepts in multi-tenant customization and proposes a design that incorporates a reference architecture and high-level principles. We also discuss the primary technological challenges and potential solutions ways for putting this architecture i n place most people appear to be a good fit for our microservice-based customization method.

Keywords: ecommerce, merchants, productivity, B2B

1. INTRODUCTION

KARTIFY, or MULTI-OCCUPENT SHOPPING SOLUTION, is an e-commerce solution for small business vendors and entrepreneurs.

This solution enables retailers to easily move their business online and enter the new era of online shopping. Depending on the vendor's preferences, this platform provides basic procedures and all possible approaches to develop a self-contained web application.

Using vertically integrated e-commerce systems to gain control of all e-commerce capabilities, retailers launched online channels at the dawn of the e-commerce era. However, it is regarded that a single platform being the industry's leading expert in all functionalities is essentially impossible. If the platform's features are tightly interconnected, the retailer's options are significantly limited. Additionally, retailers began to notice that their business agility was being harmed. In order to maintain agility, a lightweight, flexible, and adaptable architecture with minimal core functionality is needed. Additional functionality can then be added to the platform by third-party vendors. With this method, retailers were able to customise the platform to meet their specific requirements. Companies eventually began to shift away from monolithic, vertically integrated systems and toward a more distributed approach Value chain partners form a collaborative network. Information communication and seamless coordination among partners have become critical in this type of environment. The expansion of new technologies such as cloud computing, mobile, and social media has stemmed from recent breakthroughs in the field of infor mation technology. As a result of this situation, retailers are now dealing with extra integration challenges.

Our goal is to build a comprehensive e-commerce website solution in our country that is well-known among clients.

2. METHODOLOGY

2.1 Admin / Vendor Side

A vendor who wants to take their business or organization online can use this module to acquire access to a platform where they can build their own web application. We are focusing on the following important features:
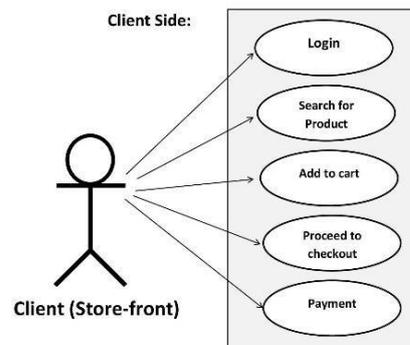
1)   Developing a sales dashboard.

2)   Based on product availability, adding and removing products. Getting information and summaries on customers.

3)   Report Generation.
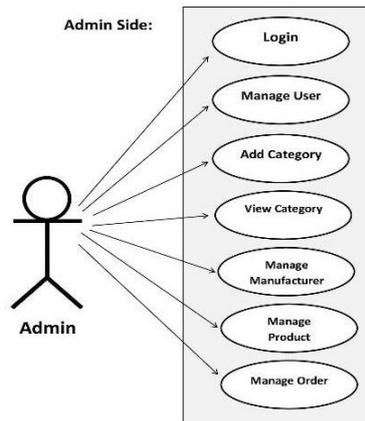
2.2   Client Side

T side (Store Front)

Customers can use the sign in option in this module to buy a specific product from a seller vendor.

Customers can access the following products by logging in:It's easy to use the product:

• Access the webpage

• Register

• Login

• Search for Products

• Purchase them, pay for them, and have them delivered..

FRAMEWORK:

Magento 2 is the most popular e-commerce platform, providing a cutting-edge, feature-rich eCommerce solution that gets results. Magento is a widely used eCommerce platform around the world. Despite its reputation for being incredibly difficult to use, this platform offers a lot of benefits that make it deserving of its place at the top of this list. Additionally, the advent of Magento 2 has elevated the platform, allowing multiple vendors to provide more effective solutions for B2B ecommerce firms.

Magento was first made available on August 31, 2007. Varien Inc. was formed to develop it by Roy Rubin and Yoav Kutner. Magento was originally supposed to be a sub-system of the popular e-commerce and os Commerce systems. Magento 2 was released to the public on November 17, 2015..

FRONT END:

PHP is one of the most widely used Web development languages; nevertheless, the current PHP development model lacks structure, making it difficult to combine data. code for access, code for business logic processing, and code for the Web presentation layer As a result, several issues have arisen in Web applications, and it is no longer capable of keeping up with the rapid development of Web applications. This paper presents a PHP implementation based on MVC design patterns - FDF framework for PHP developers, which can provide a framework for Web applications, separate the data, view, and control of Web applications, and afford to achieve loose coupling, resulting in increased application development efficiency, reliability, maintainability, and scalability.

THE BACK END:

Because of Docker's ubiquity, containers are a popular technology nowadays. Containers improve system utilisation by increasing workload density. Docker containers make it simple to deploy workloads across development, test, and production environments. Docker's unique data management method, which involves creating and removing snapshots on a regular basis, presents storage systems with a new set of exciting challenges. Storage management for Docker containers, on the other hand, has mostly remained unexplored due to the confusing variety of solution choices and configuration possibilities. We look at the many aspects of Docker storage and how they effect system and workload performance in this article. As we learn more about the popular Docker storage drivers, it's a sobering reminder that widespread use of new technologies might sometimes arrive before widespread adoption of new technologies extensive testing

DATABASE:

MySQL is an open-source database management system that is free to use. MySQL has standalone clients that allow users to interface with a MySQL database directly using SQL, but it's more typical for MySQL to be used in conjunction with other programmes to construct applications that require relational database capability.
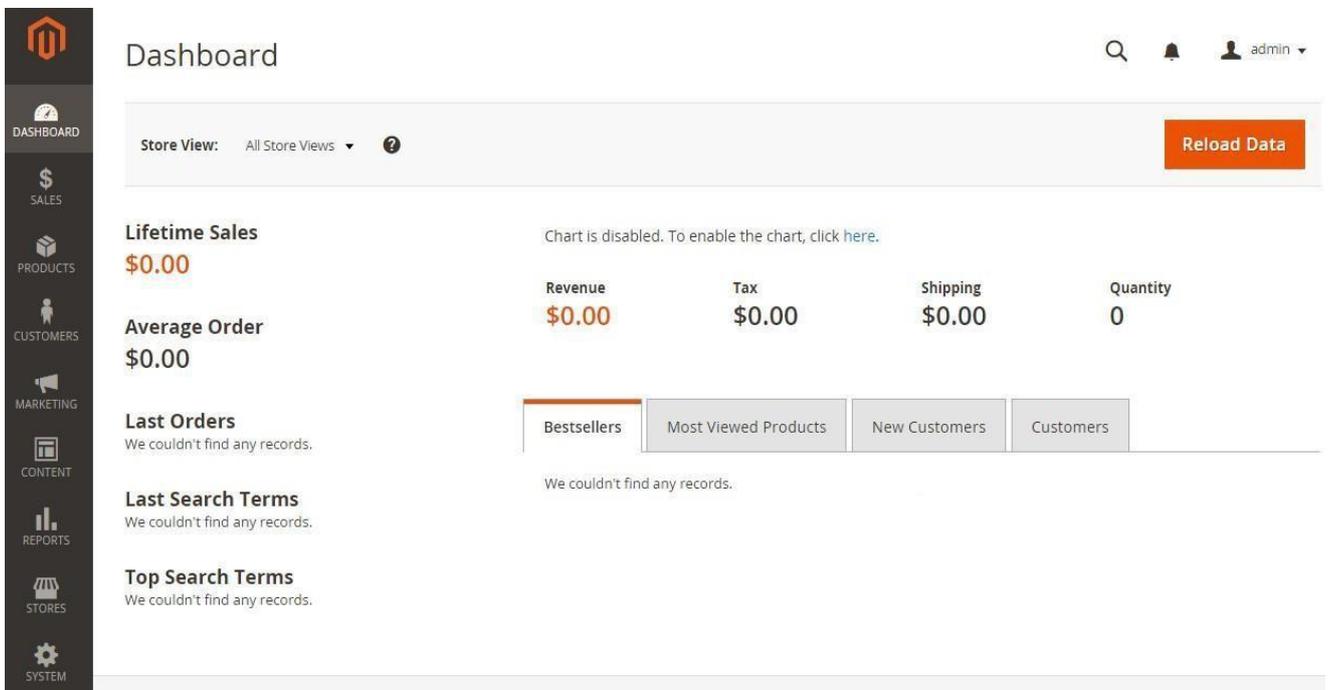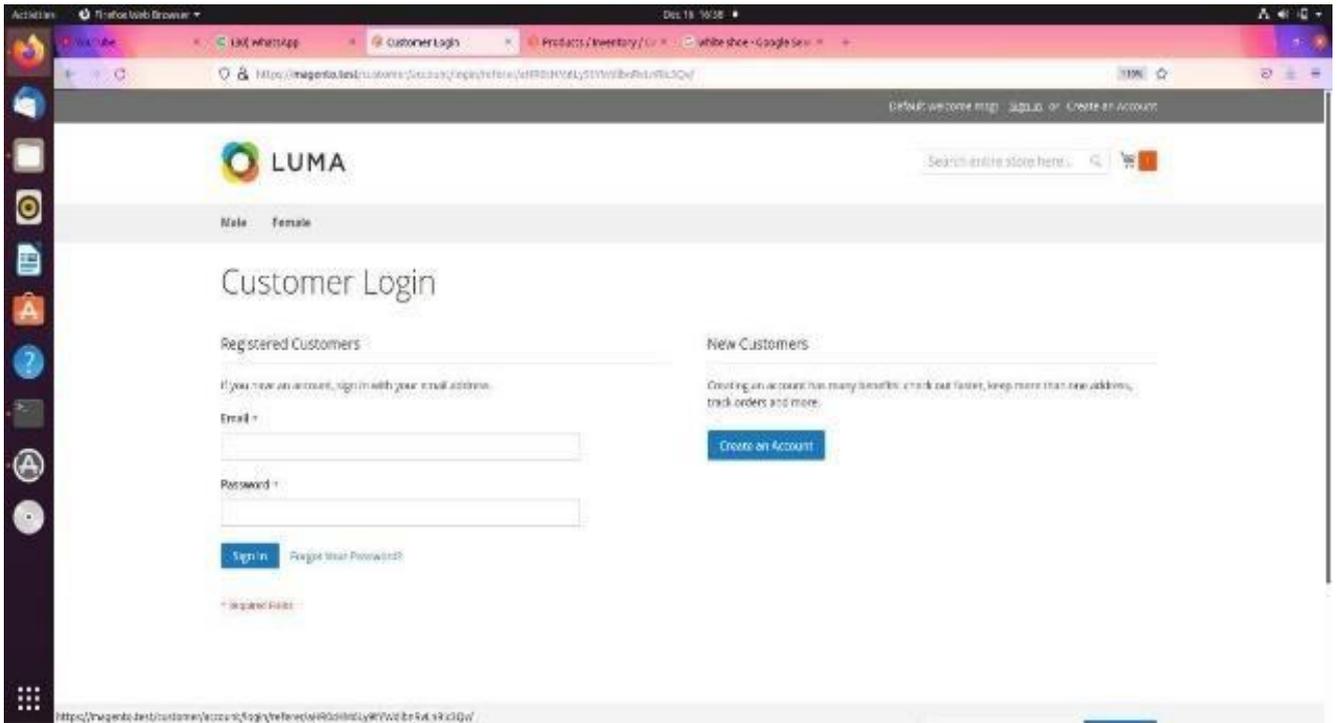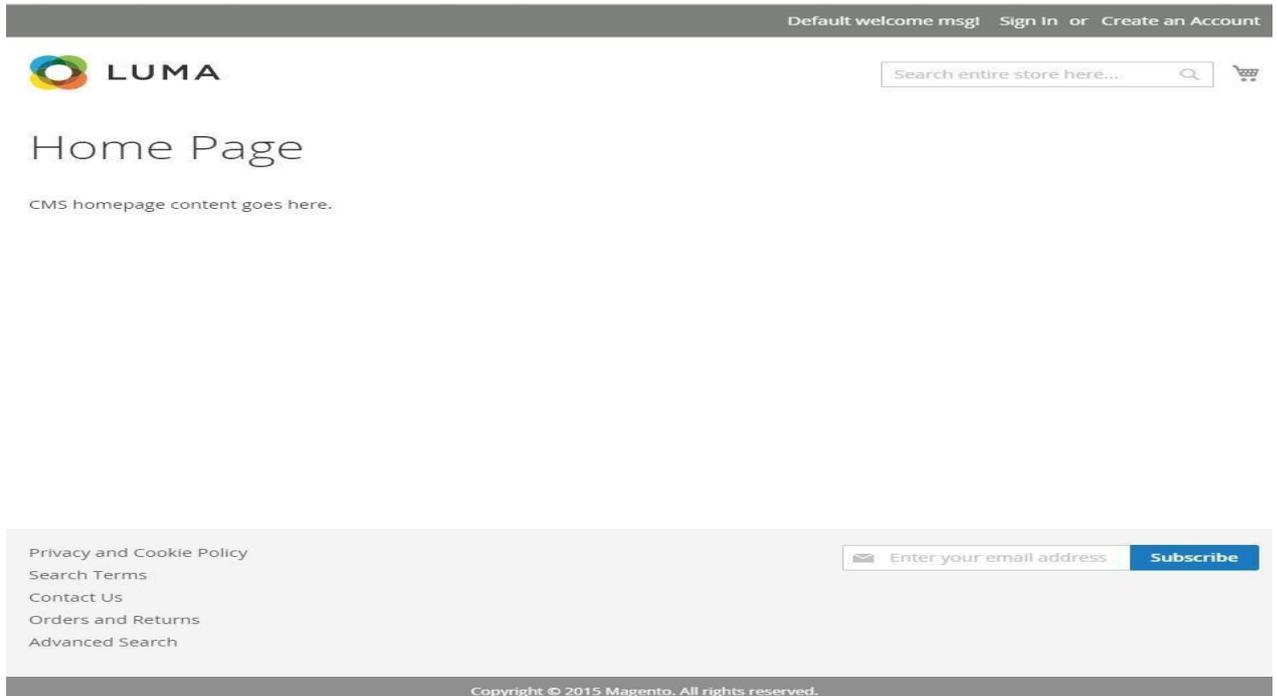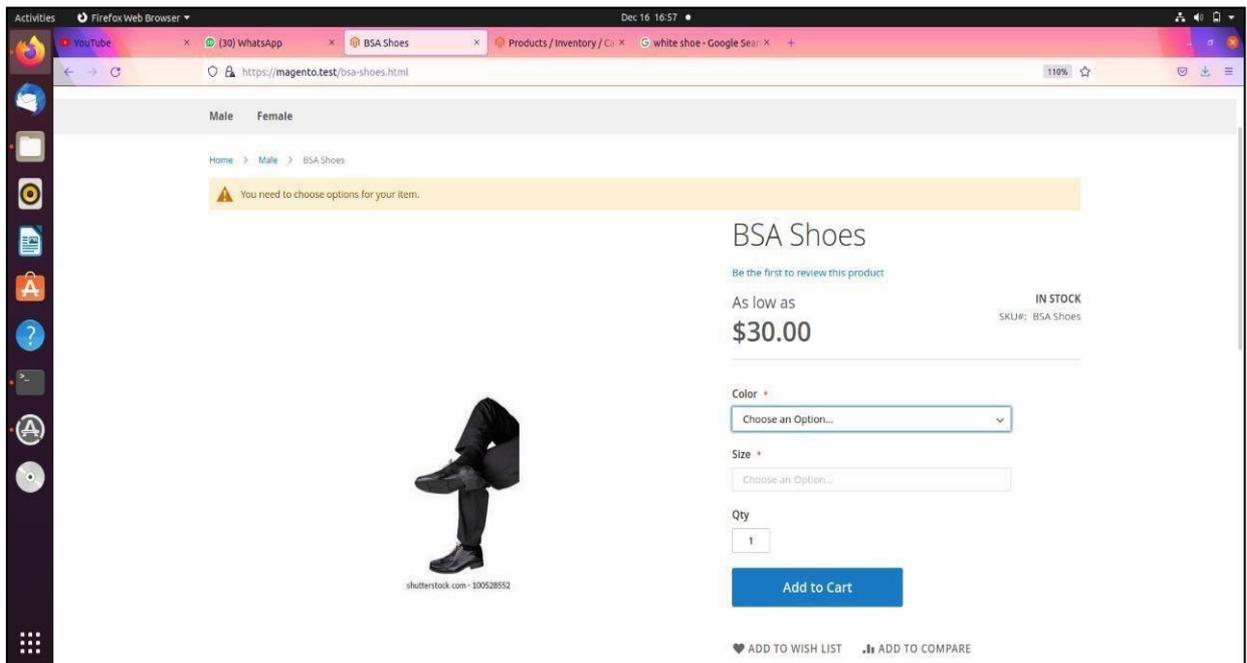
3. DISCUSSIONS AND OUTCOMES
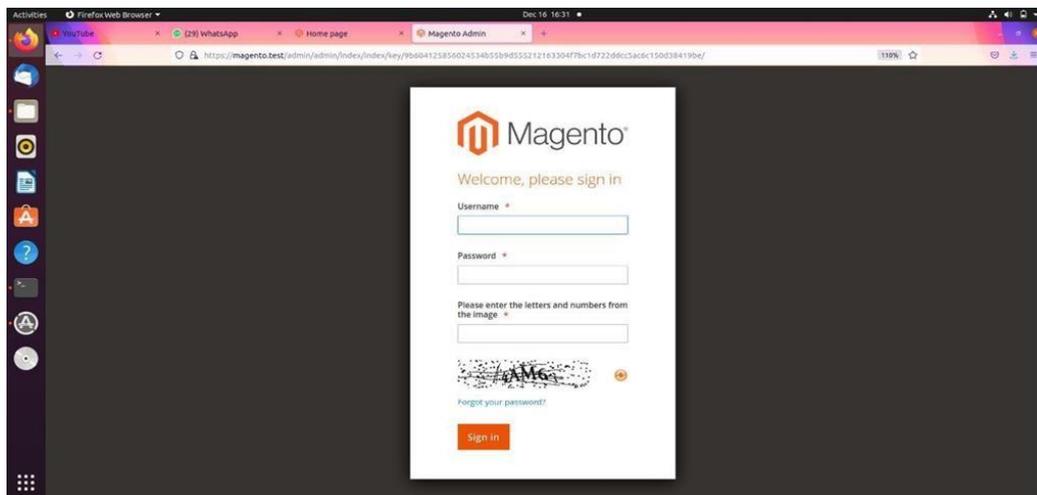
Fig.: Admin dashboard

Fig.: Client Home Page (Storefront)

Fig.: After adding the product

4. DISCUSSION AND NEXT STEPS

The government is in discussions with a number of retail partners about allowing foreign direct investment in the e-commerce sector. ET chatted with a number of industry insiders about the topic and the future of retail in general. Though the CII supports 100% FDI in the B2C (business to consumer) channel, the industry needs time to mature and become globally competitive. In terms of e-commerce vs. traditional retail:

Future-oriented brands should design a strategy that integrates both media. E-commerce is no longer an option. Physical stores, on the other hand, play a vital role for customers who want to try on items like shoes. As a result, having a presence in the area is advantageous. Brands must go Omni-channel rather than focusing on only one channels to increase revenue. I don't believe India will be any different if there is an e-commerce system that can

support Tesco, Walmart, and other major retailers elsewhere. Brick-and-mortar retailers must use e-commerce as a new channel to boost sales. Today's consumer is more tech-savvy as a result of digitalization, and businesses must recognize that it is time to make enhancements at the storefront to help customers make better selections. After all, everyone is here to make more money. They (e-commerce players) have brought a lot of money with them and have aided in the growth of consumption in ways that brick-and-mortar stores could never have. Brands must think of it as an omni-channel medium

5. CONCLUSION

Despite the fact that the stock market and commodity prices collapsed, E-Commerce thrived and received a large number of transactions. E-commerce is a tremendous possibility for us in our line of work. It's also about mixing different techniques and styles into a transaction. It is genuinely much better to bring the goodness of an individual or a state to the Internet world through broad E-Commerce.

Our society has embraced e-commerce. Companies who take E-Commerce seriously and invest appropriately in its development will prosper in the future. E-commerce is a full-fledged commercial operation, not merely a technical problem. Companies that use it as an excuse to completely re-design their business operations will benefit the most. E-commerce is also a useful tool that is

Commands:

1. docker-compose down

2. docker kill magento_mailhog_1 &&

3. docker rm magento_mailhog_1

4. 4.docker volume rm magento_appdata magento_dbdata magento_rabbitmqdata magento_sockdata magento_ssldata

5. cd && rm -rf magento

6. sudo killall apache2

7. mkdir magento && cd magento && curl -s https://raw.githubusercontent.com/marksh ust/docker- magento/master/lib/onlinesetup | bash -s -magento.test 2.4.2

To get those expected page:

We need to log on to for storefront: https://magento.test for admin : https://magento.test/admin. After logging on to admin side: (To disable Two Factor Authentication)bin/magentomodule:disable Magento_TwoFactorAuthbin/magento cache:flus

Acknowledgements:

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