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# Online VetMeds System

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**Abstract:** *Online VetMeds is web based application. User can post requirement for medicine of their pets. User can purchase medicine online. Medicine delivery provided by the nearest associate pet store. Prescription is mandatory for ordering medicine. As per prescription user can search medicine and useful information to order. This application provides logins to the users. They can maintain their account. The main objective of this medical Booking Store system is to take the whole medical store online so that it is reachable to customers 24/7. Overall online medical booking store will become an efficient, highly responsive and an extremely accurate system.*

**Keywords:** *pet, medicine, web application.*

## I. INTRODUCTION

### A. Overview

There are more and more services being delivered through the Internet these days. Our shopping habits have changed a lot because of the Internet and Internet websites. As we know, a lot of things will be done on the internet. There has been a lot of medical information on the web for a long time.

Recently, people have been using the web to buy medical products from home. Now, medicines can be ordered on a smartphone or through a website, and the seller will get them to you as soon as possible. They will also have a variety of payment options. When you buy something, you can pay with a credit card or debit card, and you can also pay with cash when you get it. In this paper, we look at the many benefits and drawbacks of buying medicines online and we can talk about them. This paper also talks about some important things to keep in mind when taking prescription drugs. To buy drugs online, this study is one of the first to do so. It helps people do this and encourages more people to do it.

Online Shopping has become very popular with young people because they don't have the time to go to the mall and buy things. This is because they don't have enough time to go to the mall and buy things. It also saves money. Once they have bought, the items they have bought will be sent to their home where they have told the Courier Company to send them. This is a modern way to shop because we can buy a lot of different things from different stores at different prices. This study looks into whether the quality of online shopping is a competitive advantage for Internet-based businesses that also cater to ecommerce customers.

## II. RELATED WORK

This system solves this problem by conducting drug record transactions on a blockchain to create a smart healthcare ecosystem with a drug supply chain. A smart contract is launched to give time-limited access to electronic drug records and also patient electronic health records [1].

This system propose a scenario-oriented blockchain system for drug traceability and regulation called Drugledger, which reconstructs the whole service architecture by separating service provider into three independent service components and ensures the authenticity and privacy of traceability data[2].

In this paper, authors propose BloCHIE, a Blockchain-based platform for healthcare information exchange. First, analyze the different requirements for sharing healthcare data from different sources. Based on the analysis, we employ two loosely-coupled Blockchains to handle different kinds of healthcare data. Second, combine off-chain storage and on-chain verification to satisfy the requirements of both privacy and authenticity. Third, propose two fairness-based packing algorithms to improve the system throughput and the fairness among users jointly[3].

## III. METHODOLOGY

### A. Existing System

A lot of work has been done in this field thanks to its extensive use and applications. This section mentions some of the approaches that have been implemented to achieve the same purpose. These works are mainly differentiated from the techniques for vetmeds systems.

- 1) No such system
- 2) Everything done manually
- 3) Time consuming process
- 4) No repository Available

#### B. Proposed System

Buying medicines and other medical products online is a good thing because it saves time, money, fuel, and a lot of problems, like traffic jams, that happen when you have to go to the store. Also, one of the therapists may not give all of the medicines. So you can go to another therapist without having to spend a lot of time, money, and other things.

- 1) To reduce time
- 2) Lower cost
- 3) Handling is easy
- 4) Marketing is possible
- 5) Reduce Paperwork
- 6) Legal issues and licensing operations should be easy
- 7) It is available in rural delivery
- 8) Registration confirmation is available

### IV. DESIGN AND IMPLEMENTATION

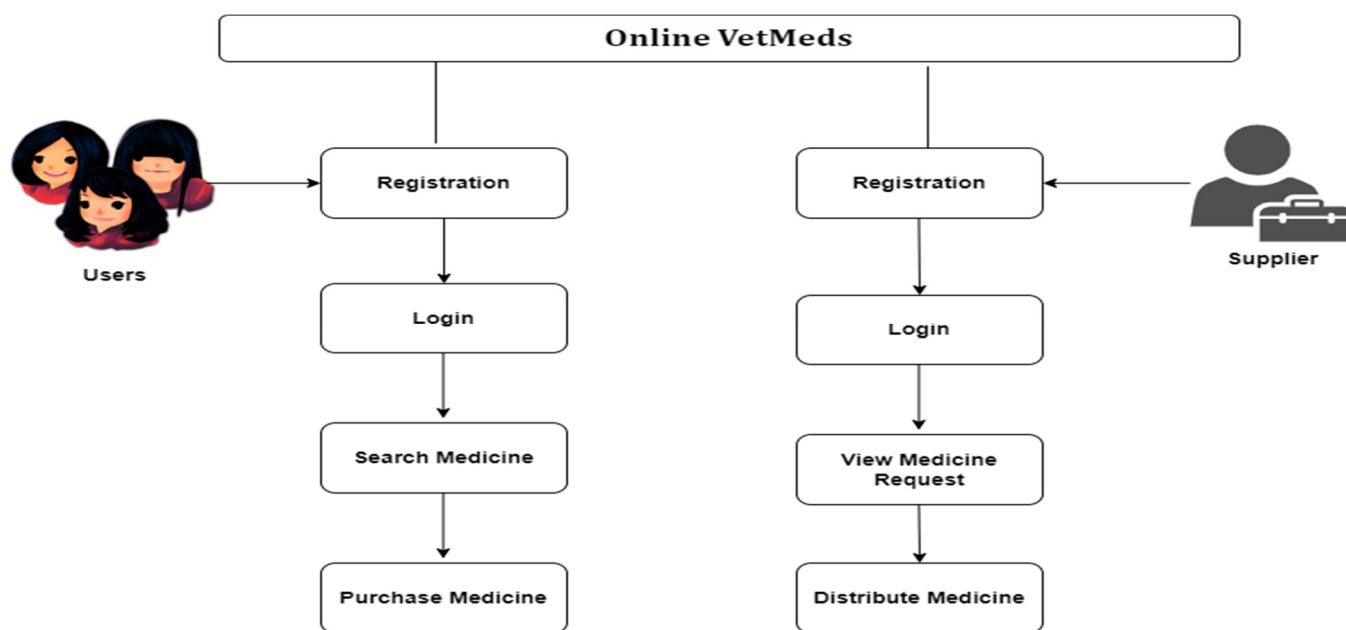


Figure 1. System Architecture

#### A. Project Modules

- 1) User
  - Registration
  - Login
  - Search Medicine
- 2) Supplier
  - Registration
  - Login
  - View Medicine Request
  - Deliver Medicines



3) Admin

- Login
- View users and shop owners
- Authorize users

## V. CONCLUSION

The introduction of Easy VetMeds, an online pharmacy-based application, will cut down on the number of alternatives and conversions, which will make the customer or patient more secure and improve the service they get. So, we can say that the online platform will be used to prescribe prescription-based drugs to clients.

## REFERENCES

- [1] F. Jamil, L. Hang, K. Kim, and D. Kim, "A novel medical blockchain model for drug supply chain integrity management in a smart hospital," *Electronics*, vol. 8, p. 505, Apr. 2019, doi: 10.3390/electronics8050505.
- [2] Y. Huang, J. Wu, and C. Long, "Drugledger: A practical blockchain system for drug traceability and regulation," in *Proc. IEEE Conf. Internet Things*, Jul./Aug. 2018, pp. 1137–1144.
- [3] S. Jiang, J. Cao, H. Wu, Y. Yang, M. Ma, and J. He, "BLoCHIE: A blockchain-based platform for healthcare information exchange," in *Proc. IEEE Int. Conf. Smart Comput. (SMARTCOMP)*, Jun. 2018, pp. 49–56.
- [4] Mohammad Monirujjaman Khan, Md. Rabbi Amin, Abdullah Al Mamun, Ahsan Ahmed Sajib Department of Electrical and Computer Engineering, North South University, Dhaka, Bangladesh. (2021) Development of Web Based Online Medicine Delivery System for COVID-19 Pandemic.
- [5] Al-Shibli, A., Al-Jaradi, S. (2017). Electronic pharmacy system (EPS): Case study in Oman. *International Journal of Computation and Applied Sciences*, 3(3): 284–291.
- [6] Kumar, S., Bano, S. (2017). Comparison and analysis of health care delivery systems: Pakistan versus Bangladesh. *Journal of Hospital Medical Management*, 3: 1–7. <https://doi.org/10.4172/2471-9781.100020>
- [7] Mozammel Haque Online Medicine Shop 2019 [https://www.academia.edu/43576035/Online\\_Medicine\\_Shop](https://www.academia.edu/43576035/Online_Medicine_Shop)



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