Medicine Inventory and Medical Management

1. Ishmeet kaur bhatti.   2. Rohini sonawane

3. Mrs.PritiB.Kudal

1,2 Students of Final Year Diploma of Department of Computer Engineering , Guru Gobind Singh
Polytechnic - Nashik

3. Sr.Lecturer,Department of Computer Engineering , Guru Gobind Singh Polytechnic –Nashik

preeti.kudal@ggsf.edu.in

---***--

Abstract -E-commerce short for electronic commerce is trading in products or services using computer networks, such as the Internet. The proposed e marketing model here is an e-commerce portal for online medicine trading and searching providing customers the list of nearby medical shops where the particular medicine is available and also online purchasing facility for that medicine. This model is basically proposing a new idea in E-marketing to supply medicines online and the customer can search the medicine's availability in nearby medical shops. The purpose behind making such e-commerce portal is providing customers a 24*7 availability of medicines. The shopkeepers will register over the portal and will let their medicine to be sold online. This will play a very important role in providing rare medicines at remote places where there is unavailability of medicines and also there will be a detailed list of medicines available in the stock. After implementing the proposed model, B2B and B2C transactions and sales would be increasing in coming years and it has a major impact of usability on e-marketing strategy of electronic business.

*Key Words***:   Ecommerce, b2b, medicines, Centralized system**

INTRODUCTION

As the world entered the twenty-first century, business conducted over the Internet with its dynamic, rapidly growing, and highly competitive characteristics, promised new avenues for the creation of wealth. Established firms are creating new online businesses, which are providing new opportunities to the internet providers as well as customers. E-commerce adoption of network structure is divided into Intranet and extranet. External information systems is achieved through the website, including pharmaceuticals, consumables and other supplies, equipment, and other online purchases, the customer's online information services, personalized services, telemedicine as well as network services marketing activities. The e-commerce portal for online medicine trading and searching is a new model with a unique idea in which customers can search the availability of the medicine they need in nearby medical shops. This model is also proposing the E-marketing idea in which the customers can register themselves to the website and can order the medicine they need online with online payment facility. The purpose behind making such website is providing customers a

24*7 facility of medicines. The shopkeepers can also register over the website and became the member of the e-commerce portal will let their medicine to be, India sold online. This will play a very important role in providing rare medicines at remote places where there is unavailability of medicines and also there will be a detailed list of medicines available in the stock.

PROBLEM DEFINATION

Internet business short for electronic trade is exchanging items or administrations utilizing PC organizations, for example, the Web. The proposed e promoting model here is an internet business entry for online medication exchanging and looking giving clients the rundown of neighboring clinical shops where the specific medication is accessible and furthermore web based buying office for that medication

ADVANTAGES OF SYSTEM

1. Time Reducing system
2. Easy to find medicines anywhere .
3. Reducing Manpower.

LITERATURE SURVEY:

1. The mode of economic growth is first put forward by Soviet economists in the early 1960s, because of the impact of the new technology revolution and development adjusting strategy of other countries, the Soviet Union put forward the intensive production policy, and this policy required the social production mode to change from extensive type to intensive type, and to make great achievements with less cost. As the understanding of growth mode deepened, China is abandoning the extensive economy growth mode, which only pursues quantity and speed, and now, China is exploring way to intensive economy growth mode. This paper showed the characteristics of e-commerce in China, analyzed the impact mechanism of e-commerce to the changing of economic growth mode, proposed suggestions for the influence of e-commerce.

2. Modern day healthcare is offering more and more treatment

alternatives on the Internet, so-called eHealth. In order to reform the business logic of these organizations from the traditional healthcare services towards more eHealth in their services, an implementation strategy is needed to guide this reformation. A currently popular approach to guide these reformations and to come to an eventual implementation is by the use of business models. This paper describes what business models are and what their potential for designing and implementing eHealth applications can be. Also, three recent methods of business modeling that aimed to create sustainable eHealth applications will be described as an example, followed by some potential complications and their corresponding challenges that can appear when working on a business model for innovative eHealth applications.

3. Unsupervised machine learning became a ubiquitous method appearing in E-commerce solutions that strive to provide personalized recommendations for their users. Most of those solutions embrace collaborative filtering (CF) to predict conversions, which are the beneficial user events, such as a purchase. Traditionally, the predictions were made based on rating data. However, e-commerce users seldom leave ratings. Instead, we must rely on user events, such as viewing an item or adding it to the cart. The event-based approach seems counter-intuitive, for the reason that the operation time of recommender systems increases exponentially with the increase of data-points.One of the main contributions of this paper is the UX value function. It reduces all events between an item and a user to a single user experience number, which also depends on the sequentiality of the events. We present a method to calculate this number in linear time. Then we use a deep neural network to predict the likelihood of conversions based on this number to prove the practical solvability of the problem in a scalable manner, with a relatively fast learning speed and good prediction accuracy. We have conducted an extensive experimental analysis on Kechinov's 'eCommerce Events History in Cosmetics Shop' dataset, containing 8,738,120 user events. The results of those experiments prove the efficiency and applicability of the developed approach
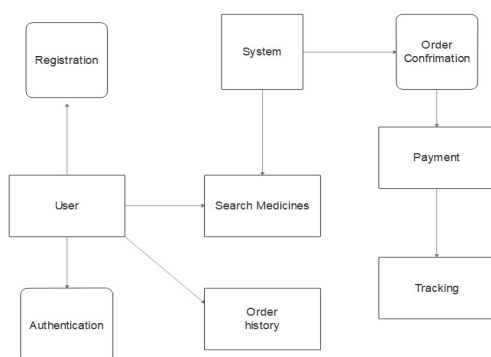
. SYSTEM ARCHITECTURE

Fig -1: System Architecture Diagram

SYSTEM REQUIREMENTS

- **Software Used:**

1. Operating System: Windows XP and later versions Front End: HTML,CSS
2. Programming Language: PHP
3. Tool: XAMP & NOTEPAD ++
4. Domain: WEB APPLICATION
5. Algorithm: Hashing.

- **Hardware Used:**

1. Processor – i3 or above
2. Hard Disk – 150 GB
3. Memory – 4GB RAM

ALGORITHMS

- Hashing & Mapping: A cryptographic hash function (CHF)is a mathematical algorithm that maps data of an arbitrary size (often called the "message") to a bit array of a fixed size (the "hash value", "hash", or "message digest").

- It is a one-way function, that is, a function for which it is practically infeasible to invert or reverse the computation. Ideally, the only way to find a message that produces a given hash is to attempt a brute-force search of possible inputs to see if they produce a match, or use a rainbow table of matched hashes. Cryptographic hash functions are a basic tool of modern cryptography.

CONCLUSION

E –marketing is a part of the e-commerce and has very close relationship with e commerce. This model is useful to promote improving the e- marketing method. The model is based on demand analysis of various customers as well as a new model in E-marketing to supply medicines online with 24*7 facilities. We had also kept in mind the needs of customers and their ease in ordering medicine. This will play a very important role in providing medicines at remote places where there is unavailability of medicines. There will be a detailed list of medicines available in the stock.

whose encouragement was main source of our energy behind this work.

REFERENCES

- Vos Bouwman and Haaker de, "Mobile Service Innovation and business models" in , Houten:Springer, 2008.
- Eysenbach, "Medicine 2.0: Social networking collaboration participation apomediation and openness", *J Med Internet Res*, 2008, [online] Available: http://www.jmir.org/2008/3/e22/.
- Giesen, "Business models for eHealth and associated best practices", 2009.
- Heldoorn, "Gezondheid 2.0 – Toekomst en betekenis van E-Health voor de zorgconsument", *Visiondocument NPCF Utrecht*, 2008, [online] Available: http://www.npcf.nl/?id=3163.
- "Healthcare 2015: win-win or lose-lose?", 2006, [online] Available: http://www-05.ibm.com/de/healthcare/downloads/healthcare_2015 .pdf.