

WEBSITE DEVELOPMENT

A Project Work Synopsis

Submitted in the partial fulfillment for the award of the degree of

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Annexure-4 (A typical specimen of table of contents)

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INTRODUCTION

Electronic commerce (e-commerce) is a fairly new idea, and it is very common practice nowadays for businesses to conduct trade over the Internet. There are various advantages to e-commerce (e.g., lower cost, convenience). E-commerce can simply be defined as buying and selling merchandise or services online. Most successful businesses today have their own websites. Today, it is possible to conduct business nationally and globally with a click of a fingertip due to the worldwide use of the Internet. To be successful in the global marketplace, businesses need to develop culturally friendly e-commerce websites. When conducting business online, factors such as region and culture, web content accessibility, ease of use, secure authentication, payment, fraud detection, performance, trust, stability, technology, and convenience are vital to the businesses and consumers' satisfaction and interest. This is a less focused research area and needs significant attention. commerce, therefore, is an important area for research and needs further investigation.

The primary goal of an **e-commerce site** is to sell goods online. This **project** deals with developing an **e-commerce website** for Online Product Sale. It provides the user with a catalog of different product available for purchase in the store. In order to facilitate online purchase a shopping cart is provided to the user.

➔ SOFTWARE REQUIREMENT

- **Operating System : Linux, Ubuntu, Mac, Windows XP, 7, 8, 8.1, 10**
- **Frontend : HTML,CSS, Bootstrap, JavaScript**
- **Backend : node.js, MySQL**
- **Local host : XAMPP/WAMP/LAMP/MAMP**

➔HARDWARE REQUIREMENT

- **Processor : Pentium IV or Above**
- **RAM : 2GB or above**
- **Hard Disk : 50GB or above**
- **Input Devices : Keyboard, Mouse**
- **Output Devices : Monitor**

1.LITERATURE REVIEW

Internet and e-commerce are closely linked with developed countries. However, if applied for ideal business purposes, it can bring enormous benefits to developing countries. E-commerce is a revolution in business practices (Ohidujjaman, et al 2013). The term transaction means his transaction between his partners of the business. Electronic commerce is a new concept that describes the process of buying, selling or exchanging products, services and information over computer networks, including the Internet (Anupam-2011).

Commerce includes the exchange of value (eg, money) across organizational boundaries or product or service boundaries. The exchange of value is critical to understanding the limitations of e-commerce. Without the exchange of value, there would be no trading of (Laudon and Traver). E-business changed his processes within and between companies. Widely introduced 25 years ago as a dedicated link between companies, Electronic Data Interface (EDI) transfers information from one company's operating system to another company's order processing, production and logistics systems (Clayton and Criscuolo).

Properly implemented, e-commerce technology can lead to improved business processes and increased efficiency. The use of e-commerce

technology should lead to improvements in developing countries, but so far the results have been disappointing (Jeffrey S. Ray-2011)

2.PROBLEM FORMULATION

E-commerce is now seen as a reality for many companies and is seen as a regular part of their business plans. At every stage of the supply chain, the direct benefits of reduced costs, efficiency and increased profitability are evident. E-business adoption is no longer a competitive advantage, it is a normal business process without which companies in the new economy cannot survive. Many dotcom companies were founded in 2000 and many companies entered e-commerce, but now it's a different story. More and more companies are failing, and investors are being wary of investing in internet ventures. I need more money than expected. Some of them, like everyone else, have had to jump on the bandwagon, not wanting to be left behind, and now that the bubble has burst, they are facing the consequences. It is intended to help you understand what you need to follow in order for your business to be successful if you have the right plans and a good strategy.

3. OBJECTIVES

The proposed work is aimed to carry out work leading to the development of an approach for Online Shopping is the process whereby consumers directly buy goods and services without any service of over the internet. The goal of this website is to develop a web based interface for the users which is easy to understand, use and hence shopping experience pleasant for the users.

4.METHODOLOGY

It shows the flow of data from external entities into the system and from one process to another within the system. In the below figures the data flow diagrams for the current system.



Fig.1

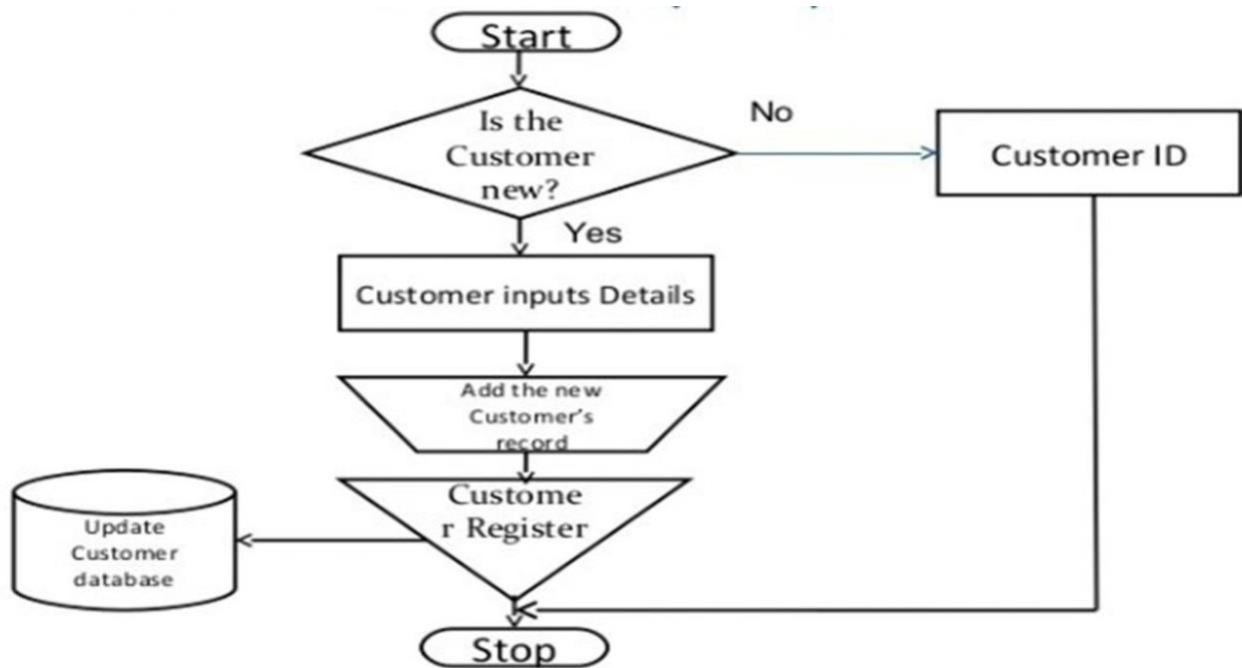


Fig. 2

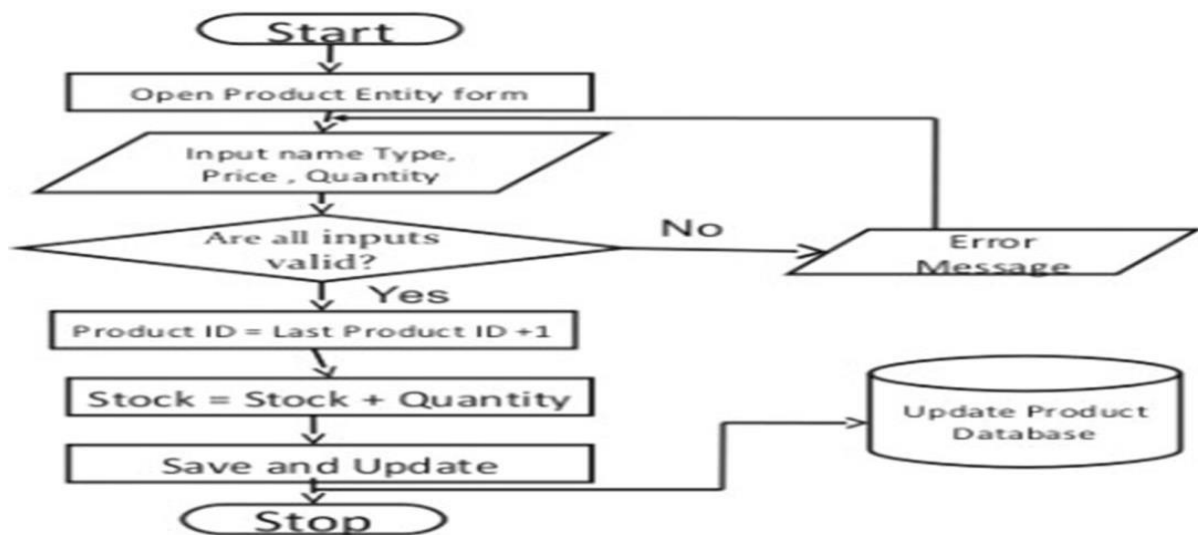


Fig. 3

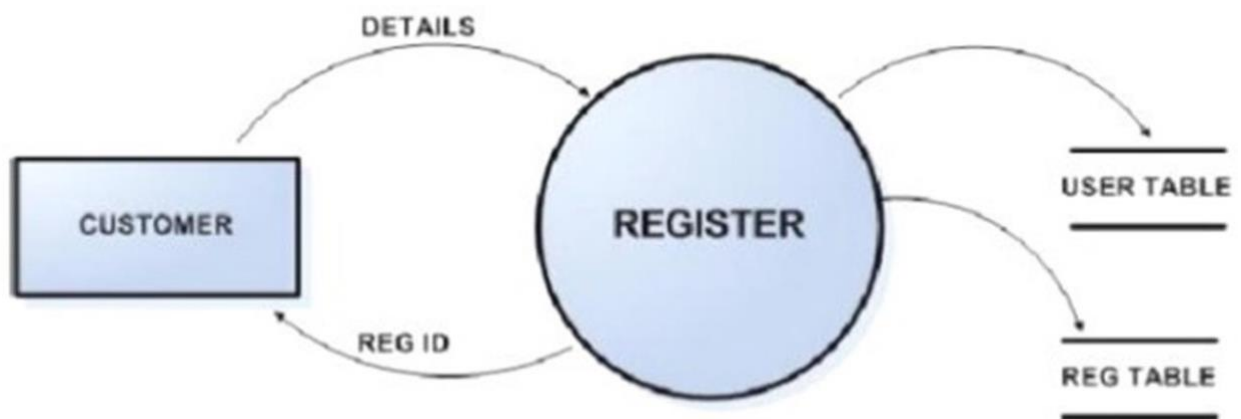


Fig. 4

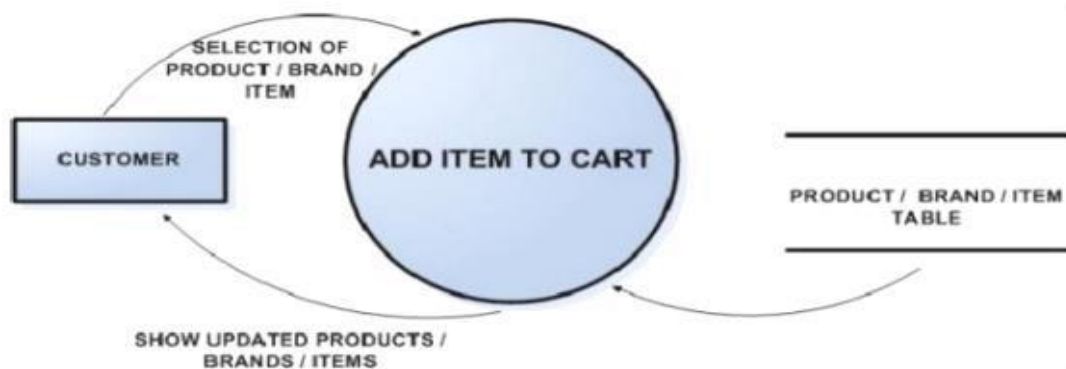


Fig. 5

5. EXPERIMENTAL SETUP

1. Purpose -E-Commerce application is a web Application hosted on a domain which is used to sell and purchase products online in real-time.
2. Document Conventions-The Documents subsequently explains the needs and traits of the project produced, with sufficient explanation. The important data has expressed in proper fonts and using techniques.
3. Intended Audience and Reading Suggestions-The application developed is intended to be used by all the people globally who are interested in online purchase and e commerce business.

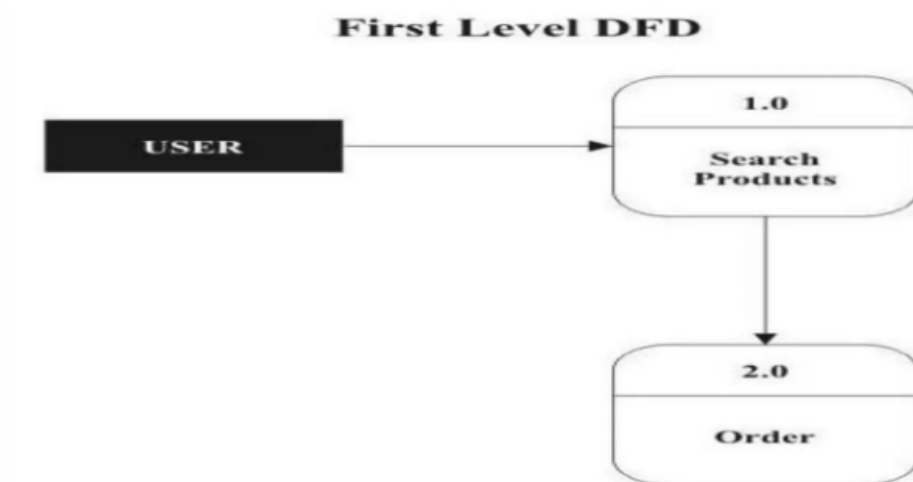


Fig. 6

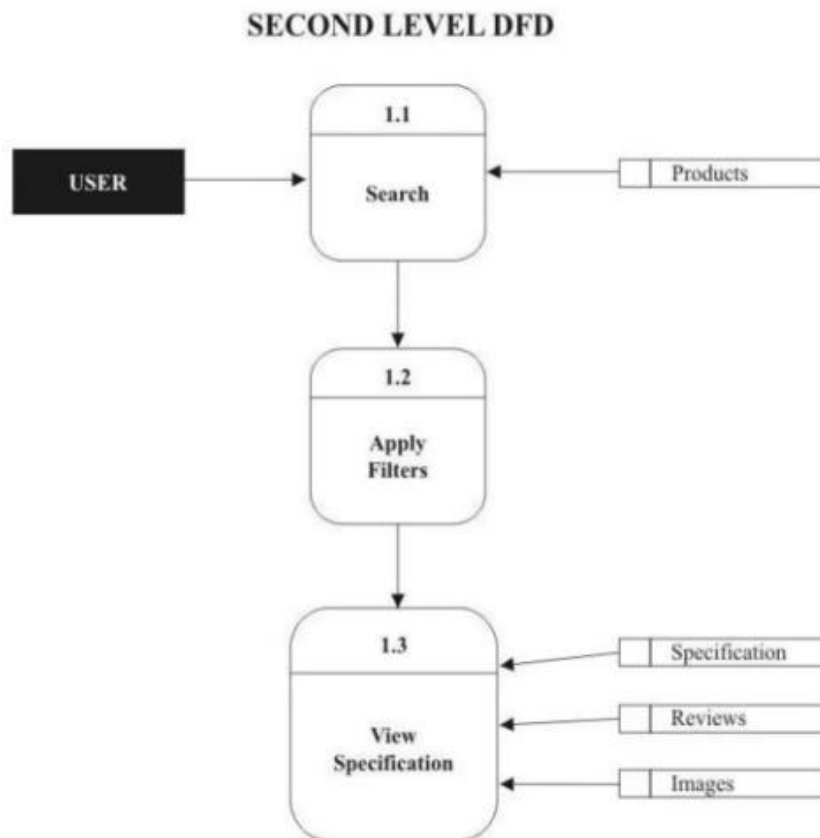


Fig. 7

6.RESULTS AND DISCUSSION

1. To know the future Scope in India itself i went through several articles and came to this conclusion from those articles To understand this scenario, we can divide E-commerce into three broad categories which include physical services, physical goods and virtual goods.
2. Another category that is gradually making its mark is the local commerce (couponing, yellow pages, classifieds etc.) which offers significant overlaps with E-commerce.

3. The 1st category of physical services is definitely the major contributor which include travel ticketing, jobs, matrimonial and event management websites with travel sites accounting for 75% of all E-commerce industries! It provides attractive deals too.

7. CONCLUSION AND FUTURE SCOPE

Future Scope:

1. It is executed by technologies of the World of Web Development .
2. It's a E -Commerce Application which is easy to use.
3. It's a Application for Real Time Purchase of Products Online With payment feature.
4. Moreover it is User-Friendly.
5. It is very Cost-Effective, Faster, And Reliable, and towards the idea of Online Marketing and E Commerce Buisness.
6. This Application can be used for personal Buisness ,to sell personal product or for a large scale E commerce buisness.

8. TENTATIVE CHAPTER PLAN FOR THE PROPOSED WORK

CHAPTER 1: INTRODUCTION

This chapter will cover the overview of WEBSITE DEVELOPMENT Project for ecommerce site.

CHAPTER 2: LITERATURE REVIEW

This chapter include the literature available for ecommerce websites. The findings of the researchers will be highlighted which will become basis of current implementation.

CHAPTER 2: BACKGROUND OF PROPOSED METHOD

This chapter will provide introduction to the concepts which are necessary to understand the proposed system of making a ecommerce website for selling goods online.

CHAPTER 4: METHODOLOGY

This chapter will cover the technical details of the proposed approach of making a ecommerce website for selling goods online.

CHAPTER 5: EXPERIMENTAL SETUP

This chapter will provide information about the subject system and tools used for evaluation of proposed method of making a ecommerce website for selling goods online.

CHAPTER 6: RESULTS AND DISCUSSION

The result of proposed technique of making a ecommerce website for selling goods online will be discussed in this chapter.

CHAPTER 7: CONCLUSION AND FUTURE SCOPE

The major finding of the work of making a ecommerce website for selling goods online will be presented in this chapter. Also directions for extending the current study of making a ecommerce website for selling goods online will be discussed.

REFERENCES

9.REFERENCES

1. *Research Paper on the title “FUTURE OF E-COMMERCE IN INDIA” by “Nisha Chanana”, Research Scholar, University School of Management, Kurukshetra University, Kurukshetra, 2014.*
2. *Apte N.K. - E-commerce Shopping Online and Adoption of Safety Measures.*
3. *Software Engineering Book by Aggarwal K.K., Singh Yogesh, K.K. Aggarwal and Yogesh Singh.*
4. *Elizabeth Goldsmith and Sue L.T. McGregor(2000); E-commerce:consumer.*