

International Trade E-Commerce based on Data Mining

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Abstract--E-commerce brings a powerful momentum in promoting the development of international trade. E-commerce can promote international trade in several ways; decreasing the transaction cost, improving efficiency, the trade quality and, marketing is easy, supplying new trade, increasing trade opportunity. The development of the international trade calls for the occurrence of e-commerce and e-commerce has enormous reaction on the international trade. It will promote the further development of the international trade. E-commerce has been widely applied and become a mature method of transaction in the developed countries. The huge market demand for high quality paperwork processing in international trade gives the birth of E-commerce. E-commerce can promote international trade in several ways. Electronic commerce promises to be an exciting and innovative change to the way that trade is currently more efficient. The methods of doing business are changing rapidly and the amount of business conducted on the internet is growing and will continue to flourish. World Trade Organization (WTO), European Union (EU), the United States Department of Commerce (DOC) and non-governmental organizations (NGOs) have only just begun to study the effects of e-commerce or have yet to review all of the issues involved. The WTO provides the basic framework for conduct of international trade and sets up the norms for the conduct of such trade. The study begins with explaining the principles of private international trade. The birth and growth of e-commerce has brought a far reaching impact on the international trade. Some new problems arise such as the problems of how to impose duties on the online transactions. How to guarantee the security of online transactions. How to break through the requirement of writing evidence required by all law, and how to verify it.

Keywords : Components of international trade, Trade point global network the future of trade, Technology trade, service trade, EDI, Role of EDI in international trade, Customs and international.

I. INTRODUCTION

International trade is the economic transactions between countries of the world. International trade is essentially an extension of internal trade. Importance of international trade are wide market, Augments the foreign reserves, speeds up developments, encourages the inflow of capital, reduces unemployment increase living standards, reduces poverty, prevents monopoly, Brings revenue to government etc.. These gains are highly useful to the developed and developing countries. Because of trade and balance of payment are related to the accounting aspects of international trade.

Today electronic commerce broadly defined electronic commerce is a modern business methodology

that address the needs of organizations, merchants, and consumers to cut costs while improving the quality of goods and services and increasing the speed of service delivery. Use of computer networks to search and retrieve information in support of human and corporate decision making. Globalization is also used in international trade between companies and government of different nations.



Fig[1] outline of international trade

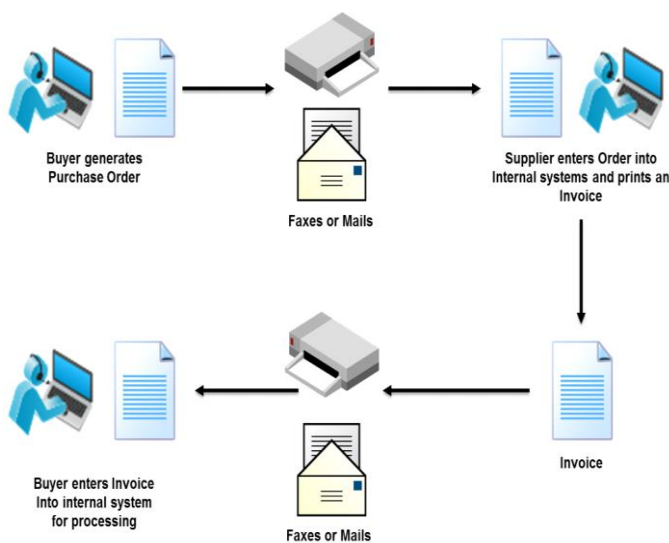
II. EXISTING SYSTEM

E-commerce represents both an opportunity and a threat to international trade and the environment. Then advancement of technology has aided international business. Millions of people use worldwide the Internet to do everything from research to purchasing products in online marketing. The Internet is profoundly affecting all the business areas. The various uses of an Internet by business entities include the ability to advertise, generate, and otherwise perform regular business functions at a time. Therefore all firms are embracing the Internet for all of their activities. The major impact for e-commerce is an intensify competition and producing benefits to consumers in lower prices and more choices. Electronic commerce is expected to directly and indirectly create and destroy jobs. The new jobs will be generated in the information and communication technologies sector, while the indirect creation of all jobs. And the job opportunities will increase day by day at all sectors.

A. EDI

EDI is defined as the inter process communication to business information in standardized electronic form. using EDI trading partners establish the computer to computer links that enable them to exchange information electronically.

The benefit of EDI to business is a considerable reduction in transaction costs, will improving the speed and efficiency of filling orders. EDI is rapidly becoming key to the way business is done in inter organizational electronic commerce. It is a techniques are aimed at improving the interchange of information between suppliers, trading partners, and customers are bringing down the boundaries that restrict how they interact and do business with each other.



Fig[2] EDI

B. Role of Edi in International Trade

EDI is smooth flow of information. is to as not closely involved in international trade tend to think only of its physical aspects. The movement of goods, containers, vehicles, ship sand aircraft. EDI is expected to reduce for small traders. small and medium sized traders are confined to the margins of international trade because of lack of efficient procedures, lack of access the information and information net works. The benefits for international trade include reduced transaction expenditure, imported and exported goods. and improved customer service.

C. Customs And International Trade

Customs plays a key role in international trade. in any international trade transaction involves at least two customs clearances, export and import. Increased monitoring activity of customs functions inevitably places them at odds with commercial operators. The number of countries now offers traders the option of submitting their customs documentation in electronic format.

III. DATA MINING

Data mining is the process of analyzing data from different perspectives and summarizing it into useful information - information that can be used to increase revenue, cuts costs, or both. Data mining software is one of a number of analytical tools for analyzing data. It allows users to analyze data from many different dimensions and summarize the relationships identified. Technically, data mining is the process of finding correlations or patterns among dozens of fields in large relational databases.

A. Literature Survey

* Pattern of trade the main subjects international trade e commerce based on data mining of trade theory are the pattern and volume of trade: which goods are traded by countries, and how much of those goods are traded. There are several questions will be investigated by various international trade theories, mainly, Ricardian approach, H-O-V theory, and monopolistic competition models.

* Gains from trade: Why should nations exchange their products and services? Who is gainer and who is loser, if there is any? Partial answers from any trade theory will be discussed, in order to find some policy oriented results.

* Protectionism: Should we protect our all industries from international competition? Using what selection criteria? What may be economic consequences of trade protectionism or trade liberalization?

* Free Trade Agreements (FTAs): What do u mean a FTA? How to measure its impact on trade between countries: members and non-members? What are trade potentials of a hypothetical FTA (to be admitted)? What are required criteria to benefit from a special FTA? What are policies to be considered?

* International policy coordination: To where does the world go in international trade relations? how to related international organizations, and what role will they play?

* Trade and development: The impact of trade on industrial specialization? Industrialization? Economic growth? Poverty? Income discrimination? Could be international trade considered as a development engine for less developed countries (special cases)?

* Trade and labour economics: What are trade effects and employment, wages, wage inequality?

* Political economy Trade and: How trade affect the income distribution within a country? How trade may affect the political regimes? Are trades pro-democracy or anti-democracy?

* And some other interdisciplinary topics.

IV. PROPOSED SYSTEM

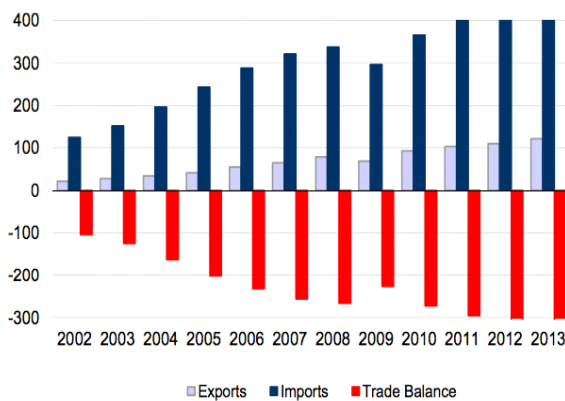
I would like to proposed the international trade ecommerce based on data mining .Every nation state has an economy and mutual relations among national economics and constitute international economic system. All national governments have foreign economic policies that are intended to regulate restrict promote or otherwise influence international trade and investment.

Now a days trade between nations or foreign countries are very difficult, because the rules and

regulations are very acute. This system is change or regulate it is easy to trade between those countries. In order to get foreign goods and services to regulate the rules and easy to available the goods at market value. Now a days we get goods at high price. We cannot purchase the goods.

Earliest 1980's protectionism became a strong influence on the foreign economic policies of the industrial countries. These helps to influence the flow of free goods and services all countries. Its leads to tariff. The government takes more tax it is not available to goods to the ordinary people. But a small tax it is easy to get all goods and services. Now it is easy to available online market. The customer gets goods at marginal value. This service is get the ordinary people the goods are easy to get the hands of the people this service is wide to all rural areas and urban areas in the world. The broad goals of e commerce are similar:

Reduced costs, lower product cycle times, faster customer response, and improved service quality.



fig[3]

V. CONCLUSION

International trade is advantageous to the countries in the world in many ways, provides scope for specialization, stimulates the demand, enables to pay of debt, it contributes to national well being, strengthen the quality of life, facilitates better utilization of resources and brings to all round development of countries. EDI techniques will aimed at improving the interchange of information between trading partners, suppliers and customers by bringing down the boundaries that restrict how they interact and do business with each other .In short EDI is aimed at forging to boundary less relationship. The effects of e commerce are already appearing in all areas of business .these facilitates new types of information based business process for reaching and interacting with customers online advertising and marketing online order taking and online customer services.

V. FUTURE WORK:

In the international trade became very easy in future. Then the adoption techniques and the growth of e commerce. Import and export very easy. Marketing, supply and demand will increases. The government will take necessary steps to regulate rules and regulations. In order to regulate the tax so the ordinary people will get low rate of goods and services. The problem of unemployment is reducing, per capita income will increase, and poverty will reduce the standard of living will increase. Thus the country will develop.

REFERENCES

- [1] International trade ecommerce based on data mining Dai Ting, Advanced Research and Technology in Industry Applications (WARTIA), 2014 IEEE Workshop on Year: 2014
- [2] A personalized products selection assistance based on e-commerce machine learning, Hong-Wei Yang; Zhi-geng Pan; Xi-Zhao Wang; Bing Xu Machine Learning and Cybernetics, 2004. Proceedings of International Conference on Year: 2004, Volume: 4
- [3] www.Effective marketing strategy with data mining
- [4] www.international trade and e commerce
- [5] www.feture on international trade figure[1]
- [6] www.EDI in international trade figure [2] and inport rate figure[3]