

# Service to Warrior: A Defence Canteen

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**Abstract**—Electronic commerce is the process of conducting business over the internet. A person sitting in a faraway location, even in his chair in front of a computer, can use all of the Internet's features to buy and sell things.

Unlike traditional commerce, which requires a person to go out and get things, e-commerce has made it easier for a human to reduce physical labor and save time, especially given the limited number of physical CSD businesses. Security is the current difficulty for e-commerce, and there is still a lot of progress to be made in this area.

Advancement in the sector of e-commerce is critical for a developing country. The study strategy demonstrates the importance of e-commerce for business applications in emerging countries. We attempted to bridge the gap between CSD services and their clients in this initiative by providing service to services. We implemented electronic commerce for CSD because the current infrastructure does not support digital or electronic trade.

The major goal of CSD's E-commerce Portal is to keep track of Product, Customer, Shipping, Payment, and Category information. It keeps track of all product information, sales, categories, and products. Because the project is developed at the administrative level, only the administrator has access.

The goal of the project is to create an application software that will reduce the amount of manual effort involved in handling Products, Customers, Sales, and Shipping. It keeps track of all shipping, payment, and category information.

CSD's services will reach rural locations through this project, allowing them to maximize the benefits they get. The purpose of this study is to describe the current state of E-Commerce and to examine its trends. The study goes on to look at the important factors that influence the success of E-commerce business models.

## I. INTRODUCTION

The project entitled “Service to Warrior-A Defense Canteen” is a modern e-commerce web application developed to override the problems prevailing in the practicing manual system performed by CSD stores

across the country. Thousands of ex-servicemen & their families perform lakhs of purchase of goods. As we all know that if the number of users increases we need more staff. It means increasing manual work. If we develop a better version of computerized web-based canteen applications, there is no need to increase manpower and maximum information can be stored automatically on the server. A separate database is maintained to handle all the product details & payment details through which the payment gateway will redirect to the payment page. So ultimately we are providing services to armed forces by providing a digital e-commerce canteen for their better accessibility.

The web application requires authenticity and validity. If a system provides this basic logic that means we can develop a new system that authenticates and validates the user by which the user can do any type of purchase any time anywhere in a minimum amount of time. A user id and login password can be used to log in to their account on the web application. Shopping: Online shopping is the execution of a program that performs an administrative or real-time function, often by shared data sources, usually on behalf of a user who has an account on the application database. This shopping is executed by the program and it automatically does the transactions with the product in the cart and it checks if all conditions are satisfied or not, in the respective process. Store Locator: It is a program that performs a search in the database for stores present at a particular location, search is performed based on pin codes.

## II. IMPLICATIONS FOR RESEARCHERS

Because our research is conceptual, it opens up a lot of possibilities for future research, both in terms of theory building and concept confirmation.

In the case of eCommerce, further empirical study will be required to refine and elaborate conclusions.

The study is eye-opening for scholars who are passionate about E-commerce.

This review paper will take readers to a better knowledge of the essential variables of the most recent E-commerce platforms that are altering the industry.

### III. LITERATURE REVIEW

One of the biggest constraints imposed by the present infrastructure is that large stores cannot be opened in every city. As a result, residents in rural areas must drive vast distances to visit legitimate stores. The stores are sometimes rather far away from their homes[1].

Another issue is that they frequently do not discover the desired item even after visiting the nearest store. The scarcity of items at stores is a serious issue[2].

It takes a long time to enter a store and try to navigate a large supermarket, it can be even more difficult when the store is not adequately sectioned. It is quite easy to discover your way online and get the particular things you desire in a short amount of time by using the search icon[3,6].

When you go to the street or to a supermarket to make purchases, apart from the security cameras that record every of your movements and take into account everything you select, there are also more people that get to see you and everything you buy[4]. Most of the time, you have to wait in line merely to pay, which can be stressful.

Some grocery sites are also in major cities with large populations, and each time someone walks out to buy something, the road can be very congested, and if one is not careful, one can be mugged[5,6].

### IV. CONCLUSION

In this paper, we have proposed CSD goods are normally introduced at the request of the Supplier. However, there was little evidence that the demands and preferences of the consumer, as well as the popularity of the product available in the civil market, were considered prior to its introduction. Imported commodities were launched without a market survey or quality checks, and without confirming that the importer and the major manufacturer had reached an agreement.

CSD Canteen Management services, which began as a way to give certain facilities to British soldiers posted in India, have become into an important aspect

of the Defense Forces' welfare efforts. These have a financial, social, and emotional impact on PBORs and Defence Force personnel' lives.

Canteens quietly contribute to improving the living conditions of military personnel. More modernization is required in their operations, particularly in terms of service delivery and after-sales services.

Sometimes the products armed force families are looking for does not found in the stores. Then this project came into space which does End to end encryption with no middle mediator (pick a product from an appropriate brand if it's linked to govt, and deliver it to the appropriate user who ordered it).

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