**E-Commerce Application**

**(Project Detail Report)**

**Batch-11 March , Group -L**

**Date 28/05/2023**

**Team Members:**

**1)Rajat Deshmukh**

**2)Sanjyot Dhole**

**3)Rutuja Deshmukh**

**4)Udayan Pawar**

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**Business Requirement :**

To create an E-commerce platform for Mr. Ajay Kumar to help him buy electronic items.

**Description file contents :**

An e-commerce website is one that allows people to buy and sell physical goods, services, and digital products over the internet rather than at a brick-and-mortar location. Through an e-commerce website, a business can process orders, accept payments, manage shipping and logistics, and provide customer service.

It’s tough to imagine daily life without e-commerce. We order food, clothes, and furniture; we register for classes and other online services; we download books, music, and movies; and so much more. E-commerce has taken root and is here to stay.

User manual of program

* First user will open the homepage then he will search the list ,after that he will add items to cart but for that he will have to register ,otherwise he will only able to watch as guest.
* If the user has completed the registration process then he can also search for items, and also purchase from cart.
* To register, he/she will have to provide personal details like, first name, last name, username, email Id, mobile no , password
* After that he has to give his address where he wants the delivery of the parcel
* Admin will first check user’s history like address , previous records then he will display bill to the user. In the bill it will show the details like price , delivery date etc

**Application of Java , JDBC , MySQL in the Project**

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| **Topics** | **Applications** |
| ArrayList (Collection) | To create database of store |
| Comparator Interface | To sort electronics items as per price |
| Control statements: a) if else | To check if customer is user guest or admin |
| b) switch case | To provide choice to user |
| Custom Exception | To guide the guest to register as user |
| Oops Concept | Inheritance of Comparator interface in other classes |
| JDBC | Insert Query using prepared statement for creating database in SQL |

**Bibliography**

**(web source):**

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* javatutorial.com
* javatpoint.com
* geeksforgeeks.com