

**MINI PROJECT**  
**(2020-21)**  
**“E-commerce Website”**  
**Project Report**



**Institute of Engineering & Technology**

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**Under the Supervision**

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### **Declaration**

I/we hereby declare that the work which is being presented in the Bachelor of technology. Project “ **E-commerece**”, in partial fulfillment of the requirements for the award of the **Bachelor of Technology** in Computer Science and Engineering and submitted to the Department of Computer Engineering and Applications of GLA University, Mathura, is an authentic record of my/our own work carried under the supervision of **Mr. Mandeep Singh, Technical Trainer, Dept. of CEA, GLA University.**

The contents of this project report, in full or in parts, have not been submitted to any other Institute or University for the award of any degree.

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## **Certificate**

This is to certify that the project entitled “E-commerce” carried out in Mini Project – I Lab, is a bonafide work by Anuj Kumar Yadav and Prateek Gupta and is submitted in partial fulfillment of the requirements for the award of the degree Bachelor of Technology (Computer Science & Engineering).

**Signature of Supervisor:**

**Name of Supervisor:** Mr. Mandeep Singh

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## **ACKNOWLEDGEMENT**

Presenting the ascribed project paper report in this very simple and official form, we would like to place my deep gratitude to GLA University for providing us the instructor Mr Mandeep Singh, our technical trainer and supervisor.

He has been helping us since Day 1 in this project. He provided us with the roadmap, the basic guidelines explaining on how to work on the project. He has been conducting regular meeting to check the progress of the project and providing us with the resources related to the project. Without his help, we wouldn't have been able to complete this project.

And at last but not the least we would like to thank our dear parents for helping us to grab this opportunity to get trained and also my colleagues who helped me find resources during the training.

Thanking You

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# **ABSTRACT**

This project is a web based shopping system for an existing shop. The project objective is to deliver the online shopping application into android platform. This project is an attempt to provide the advantages of online shopping to customers of a real shop. It helps buying the products in the shop anywhere through internet by using an android device. Thus the customer will get the service of online shopping and home delivery from his favorite shop. This system can be implemented to any shop in the locality or to multinational branded shops having retail outlet chains.

If shops are providing an online portal where their customers can enjoy easy shopping from anywhere, the shops won't be losing any more customers to the trending online shops such as flipkart or ebay. Since the application is available in the Smartphone it is easily accessible and always available.

## **LIST OF FIGURES**

1. Admin Module	2
2. Manage Moderators	9
3. Manage Products	11
4. Mange users	12
5. Manage Orders	14
6. Moderator Module	21
7. User Module	23
8. Register Page	23
9. Login Page	24

## **LIST OF TABLES**

1. Login Table
2. User Details
3. Product detail
4. product order

## EXISTING SYSTEM

In existing system everything is manual like, and he selects items which are available in shop and the merchant will calculate the bill for products selected by the customer and then shipping process will take place.

Existing system is manual, everything we must do manually.

- Maintaining customer records, their contact information, address etc.
- Maintaining the list of items present in the stores, their stocks, cost of the items, Manufacturing date, Expiry date, Vat, etc. Everything was written manually in the papers or in the record.
- Maintaining the record of incoming stocks and outgoing stocks.
- Billing process was done manually in the bill book.



# **HARDWARE AND SOFTWARE REQUIREMENTS**

## **Hardware Requirement**

- Processor :intel i5
- Operating System :Any Operating System
- RAM : 8 GB (or higher)
- Hard disk : 256GB

## **Software Requirement**

- Software used: Android Studio
- Language used : Kotlin, XML
- Database: Firebase
- User Interface Design : Android Application

## 5.1 User Interface

