

THE NATIONAL COLLEGE

Autonomous

Jayanagar, Bangalore-560070

Project report

om

"Laptop Purchase Shop"

BACHELOR OF COMPUTER

APPLICATION

144

Rakesh V - 19NCJB-169

Under the Guidance of Prof. VARADARAJ.R.

"Laptop Purchase Shop" Project Report Submitted in partial fulfillment the requirements of

VI Semester BCA, THE NATIONAL COLLEGE JAYANAGAR



THE NATIONAL COLLEGE

Autonomous

Jayanagar, Bangalore-560070

Project report

on

"Laptop Purchase Shop"

BACHELOR OF COMPUTER

APPLICATION

by

Rakesh V - 19NCJB469

Under the Guidance of Prof. VARADARAJ.R.

"Laptop Purchase Shop" Project Report Submitted in partial fulfilment the requirements of

VI Semester BCA, THE NATIONAL COLLEGE JAYANAGAR



THE NATIONAL COLLEGE

Autonomous

Jayanagar, Bangalore-560070

CERTIFICATE

This is to certify that the project report titled "Laptop Purchase Shop" is a bonafide record of work done by Rakesh V (19NCJB469) of THE NATIONAL COLLEGE, Jayanagar, Bengalure, in partial fulfillment of the requirements of V/Semester BCA during the year 2021-22.

Head of the Department

Project Guide

Dept. Of Comp. Science

Exemilieraminar 2

(1) (2)

Authorised Signatory

The National College Jayanagar

Date Of The Examination:

Acknowledgement

"Laptop Purchase Shop Application" is the project of many hands from the team. Our tribute for the successful completion of the project goes to all those who helped through their constant guidance and encouragement. The satisfaction that accompanies the success would be incomplete without thanking the person who made it.

I am thankful to our beloved Principal Dr.KAMALA Y.C, who encourages me to come with new and innovative ideas and for providing the environment with all facilities for completing the project.

I am also grateful to our Head of the Department Prof. SHALINI.C Department of computer science for her valuable guidance and constant support during our project development.

I am also grateful to our project guide Prof. VARADARAJ.R, Department of computer science for his valuable guidance and constant support during our project development.

I extend my thanks to all my teaching staffs of the department of computer science. Finally, I thank one and all who helped me directly and indirectly for the completion of our project.

Abstract

The purpose of Laptop Purchase Shop is an application which is used to help the users in purchasing through ethereum blockchain. So that the data/transaction of both parties will be safe and secured through the ethereum blockchain. The main reason to build this application based on ethereum project is to focus on safe transaction, because breaking/hacking a block is highly impossible as comparred to other application there fore ethereum blockchain plays crucial role in laptop purchase shop. In this project we are dealing with the buying of laptops using the metamask and linking it with ganache network.

	CONTENT	PAGE NO
	1. Introduction	1-2
1.1	Contribution and expected impact	02
1.2	Scope	02
The same	2.Literature Review	3-4
2.1	Tools and technologies used	03
2.2	Hardware and software requirements	03
2.2.1	Hardware requirements	04
2.2.2	Software requirements	04
	3.Methodology	05
3.1	Web application ·	05
3.2	Ajax	05
3.3	Bootstrap	05
	4.System Design	06
4.1	Architectural Design	06
4.1.1	Problem Specification	06
4.1.2	Block diagram	06
	5.Implementation	7-104

5.1	practical implementation	7
5.2	code snippets	7
5.2.1	index.html	8-10
5.2.2	app.js	10-12
5.2.3	laptops.jason	13-16
5.2.4	truffle-config.jason	17
5.2.5	laptoppurchase.sol(CONTRACTS)	17
5.2.6	migration.sol	18
6	steps to execute	19-30
7	Conclusion	31
	Bibliography	31