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THE NATIONAL COLLEGE

Autonomous

Jayanagar, Bangalore-560070

PROJECT REPORT

ON

Mobiles Purchase Shop Using Blockchain Ethereum

BY

Koushik Raju S.R **19NCJB460**

Under the guidance of

Prof. VARADARAJ.R

Mobile Purchase Shop project report submitted in partial fulfillment of the requirements of

VI Semester BCA, THE NATIONAL COLLEGE JAYANAGAR

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CERTIFICATE

This is to certify the project report titled "**Mobiles Purchase Shop Using Blockchain Ethereum**" is a work done by Koushik Raju S.R (19NCJB460) of THE NATIONAL COLLEGE, Jayanagar, Bengaluru, in partial fulfillment of the requirements of VI Semester BCA during the year 2021-2022.

HEAD OF THE DEPARTMENT **PROJECT GUIDE**

Examiners:

1. Dept. Of Comp. Science
2. VALUED

Examiner

(1)

(2) Authorised Signatory

Examination Centre

The National College, Jayanagar

Date of Examination:

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ABSTRACT

The purpose of this project is to design, develop and demonstrate the usage of Mobiles Purchase shop having the following features:

a) Display the front-end on the default Browser with available Mobiles for Purchase in the Shop
b) Purchase a Mobile by clicking on the "Purchase" button
c) Metamask should be able to calculate the transaction fees for storing the purchase transaction in the Ganache Blockchain
d) Ganache should record the purchase transaction and it should be verifiable
e) Once a Mobile purchased should not have the option of purchasing again
f) Using one Ganache Ethereum Account the Account holder should be able to purchase more than one Mobile
g) Using different Ganache Ethereum accounts, the account holder should be able to purchase Mobiles and verify the related transactions in Ganache

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