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THE NATIONAL COLLEGE
Autonomous
Jayanagar, Bangalore-560070

PROJECT REPORT
ON
ETHEREUM BLOCKCHAIN BASED FURNITURE'S
PURCHASE SHOP APPLICATION

BY

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Under the guidance of

Prof. VARADARAJ.R

**"Furniture's Purchase Shop" Project report submitted in partial
fulfillment of the requirements of
VI Semester BCA, National College, Jayanagar, Bangalore**



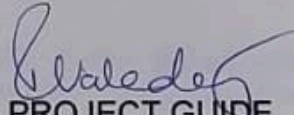
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CERTIFICATE

This is to certify the project report titled "Furniture's Purchase Shop Application" is a work done by **Sindhu N** 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

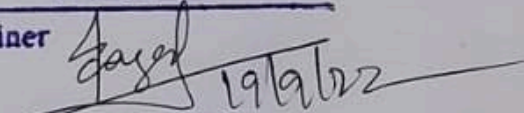
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"Furniture's Purchase Shop Application" is the project of many hands from the team. Our tribute for the successful completion of the project goes to all those who helped through their constant guidance and encouragement. The satisfaction that accompanies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

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ABSTRACT

Purpose of this project is to design, develop and demonstrate the usage of Ethereum Blockchain "Furniture's Purchase Shop" with Metamask and Ganacha Application having the following features:

- a) Display the front-end on the default Browser with available Furnitures for Purchase in the Shop
- b) Purchase a Furniture 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) Furniture once 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 Furniture
- g) Using different Ganache Ethereum accounts, the account holder should be able to purchase Furnitures and verify the related transactions in Ganache

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