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THE NATIONAL COLLEGE
Autonomous Jayanagar, Bangalore-560070

PROJECT REPORT

ON

HYPERLEDGER FABRIC BLOCKCHAIN BASED FABMOBILE APPLICATION

BY

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Under the guidance of

Prof. VARADARAJ R

FabMobile project report submitted in partial fulfilment of the requirements of

VI Semester BCA, THE NATIONAL COLLEGE JAYANAGAR

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CERTIFICATE

This is to certify the project report titled "**FabMobile Application**" is a work done by **Charan.R(19NCJB454) of THE NATIONAL COLLEGE, Jayanagar, Bengaluru,** in partial fulfilment of requirements of VI Semester BCA during the year 2021-2022. .

HEAD OF THE DEPARTMENT

PROJECT GUIDE

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Date of Examination:

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ABSTRACT

FabMobile is a database of Mobile records stored in the ledger of a Fabric network. We can consider this as a traditional database storing the data: it is like a table, indexed with a Mobile Identifier (MobileID), and the information of Maker, Model, Colour and Owner is recorded for this Mobile.

The data are stored in the world state database inside the ledger. Interaction with the data is through chaincode. FabMobile comes with a Chaincode, containing the functions which can interact with the stored data in the ledger. They are for database (ledger) initiation, query and update. The world state is queried or updated only through these chaincode functions, and any update is logged in the blockchain inside the ledger as tamper-resistant record.

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