

20MCA246 - MAIN PROJECT

PRO FORMA FOR THE APPROVAL OF THE FOURTH SEMESTER MAIN PROJECT

(Note: All entries of the pro forma for approval should be filled up with appropriate and complete information. Incomplete Pro forma of approval in any respect will be rejected.)

Main Project Proposal No : _____
(Filled by the Department)

Academic Year : 2021-2022
Year of Admission : 2020

1. Title of the Project : Modern Web 3.0 Blockchain App
2. Name of the Guide : Mr Hyderali K
3. Number of the Student: MES20MCA-2001
4. Student Details

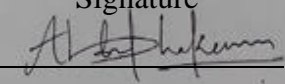
Name (in BLOCK LETTERS):

Roll Number

Signature

1. Abdul Hakeem Moidukutty

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Date: 16/04//2022

Approval Status : Approved / Not Approved__

Signature of
Committee Members

}

Comments of The Mini Project Guide

Dated Signature

Initial Submission :

First Review :

Second Review :

Comments of The Project Coordinator

Dated Signature

Initial Submission:

First Review

Second Review

Final Comments :

Modern Web 3.0 Blockchain App

Abdul Hakeem Moidukutty

Introduction:

Web 3.0 is the upcoming third generation of the internet where websites and apps will be able to process information in a smart human-like way through technologies like machine learning (ML), Big Data, decentralised ledger technology (DLT), etc. Web 3.0 was aimed at being a more autonomous, intelligent, and open internet.

Objectives:

To develop a modern Web 3.0 Blockchain Application

Problem Definition:

This application enables the users to send transactions through blockchain. Each transaction will be paired with a gif and it will be forever stored in the blockchain.

Basic Functionalities:

This application is connected to the blockchain and includes metamask pairing, interaction with smart contracts, sending Ethereum through the blockchain network and much more,

Tools / Platform, Hardware and Software Requirements:

HARDWARE SPECIFICATION

Processor	:	Intel Pentium
RAM	:	4GB
Hard Disk	:	500GB
CPU Speed	:	1.50 GHz
Monitor	:	Generic pnp monitor
Input Devices	:	Keyboard and Mouse

SOFTWARE SPECIFICATION

Operating system	:	Windows 7
Technologies used	:	React.js, Solidity, Metamask