

MES COLLEGE OF ENGINEERING, KUTTIPPURAM
DEPARTMENT OF COMPUTER APPLICATIONS
20MCA245 – MINI PROJECT

PRO FORMA FOR THE APPROVAL OF THE THIRD SEMESTER MINI 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.)

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

Academic Year : 2020-2022
Year of Admission : 2020

1. Title of the Project : MEDICAL LAB REPORT GENERATOR
2. Name of the Guide : _____
3. Number of the Student: MES20MCA-2034
4. Student Details (in BLOCK LETTERS)

MES20MCA2034

Name

Roll Number

Signature

1. MUHAMMED MUNEESEEM

34



Date: 07/12/2021

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 :

Dated Signature of HOD

MEDICAL LAB REPORT GENERATOR

MUHAMMED MUNEEES.M

INTRODUCTION

This project is to create a website for storing and reporting the data transmitted from medical lab analyzers. The various data that are obtained from the users(patients) after their tests are performed is recorded to the database. This data includes all the user information, details of the test like RBC, WBC, platelets counts and others. These data are easily fed into the system for further manipulation.

OBJECTIVES

This project is to develop a website that can manage the complicated data handling involved in and about the medical lab. Provision for adding, deleting, and updating the data will be given.

TOOLS/PLATFORM, HARDWARE AND SOFTWARE REQUIREMENTS

The selection of hardware is very important in the existence and proper working of any software. Also, the size and capacity requirements are also important.

Hardware Requirements

- Processor: Pentium IV or above
- Primary Memory: 1GB Ram
- Storage: 500 GB Hard Disk
- Display: 9" monitor or above
- Keyboard: Standard Qwerty Keyboard
- Mouse: Standard Mouse

Software Requirements:

One of the most difficult tasks is selecting the software for the system, once the system requirements are found out then we have to determine whether a particular software package fits for those system requirements. The application requirement includes:

- Editor: VS Code
- Programming Language: Node.js

PROBLEM DEFINITION

In ERP software model, the data is accessible only from the specific system. Meanwhile this website makes it possible to access from anywhere round the globe.

BASIC FUNCTIONALITIES OF THE PROJECT

The main functionalities of the project “Medical Lab Report Generator” is that it enables the admin to add, delete and update the medical data which is acquired from the analyzers. This also generates the report according the data stored.