A

Synopsis

On

Medify
(Project On Web Devlopment)

For

Partial fulfillment of

Btech in Computer Science&

Engineering Session

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Submitted To:

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1. INTRODUCTION:

The Hospital Management System has been developed to override the problems prevailing in the practicing manual system.This software is supported to eliminate and in some cases reduce the hardships faced by this existing system.Moreover this system is designed for the particular need of the company to carry out operations in a smooth and effective manner.

This application is reduced as much as possible to avoid errors while entering the data.it also provide error message while entering invalid data.No formal knowledge is needed for the user to use this system.Thus by this all it proves a user friendly Hospital Management System.

1.1 SCOPE:-

The software product "Hostel Management System"or "Medify" will be an application or webside that will be used for maintaining the records in an organized manner and to replace old paper work system. This project aims at automating the hostel management for smooth working of the hostel by automating almost all the activities.Updations and modifications will be easily achievable and all the calculations and accounting work would be accurate.

1.2 OBJECTIVE:-

The main objective of this Hospital Management System is to manage the details of Hospitals,Doctors,Patient,Employee,Test.It manages all the information about Hospital,Medicine,Test Hospital.The project is totally build at administrative end thus only the administrator is guaranteed the access.The purpose of this project is to build an application program to reduce the manual work for managing the Hospital,Doctors,Patient.It tracks all the details about the Patient,employee,Test.

1.3 Functionality provided by Hospital Management System

1.3a-Provides the searching facilities based on various factors.Such as Hospital,Patient,Employee,Test.

1.3b-Hospital Management System also manage the appointment of the doctors.

1.3c-It tracks all the information of Doctors,Medicine,Employee etc.

2-**MINIMUM SOFTWARE REQIREMENT:-**

1.1 Operating System:- Windows 10.

1.2 Frontend:- React Js

1.3 Backend:- Node Js

1.4 Database:-Firebase

1.5 Editor:- Visual studio 2019 16.8

2. **MINIMUM HARDWARE REQIREMENTS:-**

2.1 Processor:- Intel I3 8th Generation.
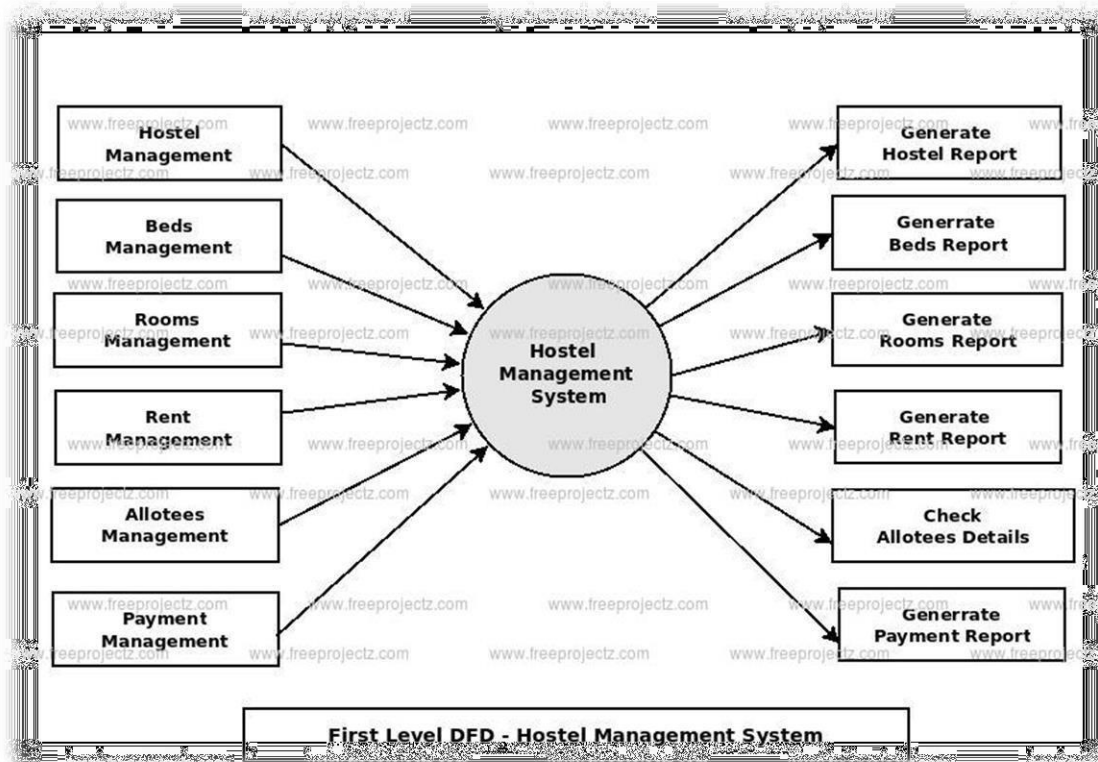
2.2 RAM:- 4GB.

2.3 Hard Disk:- 40GB.

3. **GANTT CHART:-**

Month	October				November			
Week	1	2	3	4	1	2	3	4
Requirements								
Designing								
Coding								
Testing								
Implementation								
Submission								

4. DATA FLOW DIAGRAM:-

First Level DFD - Hostel Management System

5. ROLE OF MEMBERS's INDIVIDUALLY:-

6.1- Jashvant Kumar is working on frontend and backend .

6.2- Prasuk Jain is working on frontend and backend.

6. CONCULSION:-

The project is based on the requirement specification of the user and the analysis of the existing system, with flexibility for future enhancement. The expanded functionality of today's software requires an appropriate approach towards software development. This hostel management software is designed for people who want to manage various activities in the hostel. For the past few years the numbers of educational institutions are increasing rapidly.

Thereby the numbers of hostels are also increasing for the accommodation of the students studying in this institution. And hence there is a lot of strain on the person who are running the hostel and software's are not usually used in this context. This particular project deals with the problems on managing a hostel and avoids the problems which occur when carried manually.

Github Link-[**https://github.com/itsprashuk/Miniproject**](https://github.com/itsprashuk/Miniproject)

THANK YOU