

Short Article

Hospital Management System: All-in-One Guide

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A B S T R A C T

The Hospital Management System is developed for the hospital to simplify the whole hospital's tasks. It facilitates manipulating patient's information, doctor's information and many more tasks like appointments, billing etc. of hospital. The purpose of making this project is to simplify the work for a hospital. This project will help hospital to maintain the records of the patients, doctors, appointments etc. The admin can easily manipulate anything. With the help of this project, the burden of paperwork and updating records on the registers will be reduced as we have records of those patients who have been admitted in the hospital and for how much time they stayed and for which they have been admitted along with the type of treatment given to them in the hospital. We have mainly one panel in our program which is only for the receptionist as only receptionist makes bills or fills appointment. In this panel, the receptionist has his/her login id and after that he/she can enter the main window of our program and then he/she can easily enter anything like he/she can fill, view, search, delete records of patient and doctors, bills, appointments. Hospital management system is a desktop application which would be built by using python and its libraries for database we are going to use MySQL and for to locally host it we are going to use Xampp which. All these are open sources and free to use so there would be no investment for the development.

Keywords: Hospital Management System, Patient

Introduction

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Some Approaches to Project Planning

To make this project and to implement this idea, there are some basic works that we need to complete before we start the actual implementation which are as follows:

Research about the project: The first and the foremost work is to completely understand the idea and concept behind this project and to study it thoroughly.

Study of the basic techniques: The study of the basic technology required before starting up the project.

Study for the developing environment: The developing environment that is being used is the unity and to before starting the development we need to thoroughly understand the assets and environment that the unity provides.

Study of the present world example: The study of the existing hospital management platforms examples to implement the idea is necessary.

Setting up the system and the environment: We need the software and hardware requirements and a particular environment to successfully build the project.

Setting up the features of the project: It is necessary to decide the features and the services that the project is going to provide and as expected from the user end.

Study the basic aims and objectives of the project: This project is aimed at developing a data management system for a hospital which can retrieve moreover a system in which one person can manage everything also can book appointments and print bills for the same.

Future Development

Future Development is very important for each project because it includes the latest features in the system. It reduces software bugs and problems. It creates strong relationship with customer according to their feedback or choices. We will add some new features and one of the most important one will be to convert the software into a website so that a person can use this website from anywhere also we will add edit feature so that data can be edited without deleting and adding the correct values again.

Conclusion

This project will help hospital to maintain the records of the patients, doctors, appointments etc. The admin can easily manipulate anything. With the help of this project the burden of paperwork and updating records on the registers will be reduced we have records of those patients who have been admitted in the hospital and for how much time

they stayed and for which they have been admitted along with the type of treatment given to them in the hospital.

References

Media Attributions

1. <https://www.google.com/>
2. <https://www.wikipedia.com/>