Care and Cure Hospitality Management System

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Abstract - This project Care and Cure Hospitality Management framework where the clients/patient can without much of a stretch quest for the applicable emergency clinics, Doctors, Morgue stockpiling and so forth close to them. This undertaking Care and Cure Hospitality Management System focuses on to foster the product that covers every one of the parts of the board and tasks of medical clinic. It empowers medical care suppliers to work on functional viability, lessen costs, diminish clinical blunders, decrease time utilization and improve conveyance of nature of care. This undertaking will execute every one of the exercises of the emergency clinic in an electronic mechanized manner to attach the presentation.

*Key Words***:** Doctors, Care and Cure, Morgue

1.INTRODUCTION

The motivation behind the project entitled as "Care and Cure Hospitality Management System" is to mechanize the Front Office Management of Hospital to foster programming which is easy to use, basic, quick, and cost - powerful. It manages the assortment of patient's data, conclusion subtleties, and so forth. Generally, it was done physically. The fundamental capacity of the framework is to enrol and store patient subtleties and specialist subtleties and recover these subtleties as and when required, and furthermore to control these subtleties definitively System input contains patient subtleties, conclusion subtleties; while framework yield is to get these subtleties on to the CRT screen. A structure is a significant piece of Visual Basic application, which permits the client to enter the information as well as view the outcome. A control is an article that we attract on a structure to empower or improve client collaboration with an application. Consequently, a Visual Basic application is a blend of item like structures and controls, techniques that can answer Events and other universally useful method. Occasion strategies are the place where we do the real PC programming and are saved with the structure in the record with the form expansion. These methodologies are the place where we compose BASIC language articulations. You will gain some significant knowledge of programming and BASIC language in this course.

2.1 Problem Statement

Individuals travel significant distance for treatment, after that they comes to be aware "Beds, Medicines, and so forth" are not accessible. Because of this time and energy get squandered and individuals get frustrated. Patients from far off region unfit to get to medical services communities and emergency clinics because of limitation on transportation of vehicles and absence of Infrastructure. During late Covid-19 various individuals dead and there could be no appropriate removal of this dead bodies. A few dead bodies had tossed in stream while other dead bodies didn't consume as expected. Savagery against Doctors and other clinical staff by quiets. Because of this Highly Infected and Recently Infected stage patients expanded.

2.1.1 Scope

Scheduling appointments over the phone usually requires an individual to phone in during office hours, as few facilities offer 24/7 phone booking. An online appointment system with doctor allows for 24-hour scheduling, not just during regular facility or office hours. Due to this facility patients can also book appointments with few steps irrespective of the location. Not only this patient can also avail feature of getting medicine online after getting prescription with doctor with proper transaction report of medicines. With all these features patient can get premium experience and satisfaction. It is also beneficial to doctor as it can see patient according to their convince. There is also ambulance system where user can book ambulance and instantly get the information and contact details of the driver. Live track the ambulance with an estimated time to reach the hospital. All sorts of first aid will be inside the ambulance so that patient is alive till he reaches the hospital. Now-a-days there is no proper disposal of dead bodies to avoid these situation users can also book morgue for them.

2.1.2 Objectives

Healthcare is the most critical aspect of our society, and many health care providers face challenges to offer services to patients. Many people enter and exit the hospital in a day and maintaining their records safely is tedious. To reduce this type of burdens and to manage the financial, hospital administration Hospital management system came into existence. Doctors will be able to treat patients with a better way and accessing their real-time reports and their past

clinical data and more can be done quickly and lead to best patient outcomes. Enhanced work efficiency and improved patient data access mean faster and better clinical decisions. Every report will be monitored and managed in the System carefully and efficiently for the accurate results.
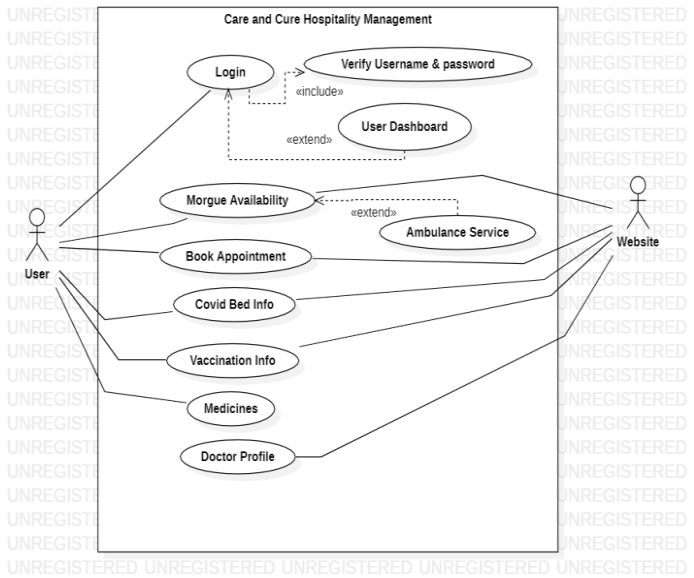

Fig 2.1 Use Case Diagram

2.2 Literature Review

The survey related to this app includes activities from a variety of different sources. These sources include a variety of car shows and repair centers, various online sites related to similar previously developed projects.

Digvijay H. Gadhari, Yadnyesh Kadam, Prof. Parineeta Suman [1] proposed Web base Hospital Receptionist system which has major challenges like more waiting time for patients, and there is no proper distribution of Department like somewhere there is more doctors whereas somewhere less. To avoid waiting time there should be bifurcations of patients on the priority basis. This will result into more to more patients will be efficiently handled by doctors and staffs.

Kalpana Kosalram, Premkumar Balaraman [2] proposed Online health and fitness care services that provide exercise and fit health maintain solution provide in Text format. This service is good for but it will not help the physical disable patients like deaf and blind, So along with that use for media files like audio, videos would be better for presenting.

Mr. Princy Matlani, Dr. Narendra, D Londhe [3] proposed Cloud computing based TeleMedicine service where Patient directly Fixed their Appointment with doctor. But there is disadvantage in this service there is no proper authentication or proof will be provided by system this will create hesitation among patients whether to take appointment or not.

Srijani Mukherjee, Koustabh Dolui [4] proposed Patient Health Management system using e-health monitoring System

I which Sensor checks the full body and store all the data in a server and Doctor can monitor the patient remotely. But there is no encryption method that can be used while storing data which can protect information related to patients that are very critical.

2.3 Proposed System

The project " Care and Cure Hospitality Management System " is planned to create to keep up with the everyday condition of confirmation/release of patients, rundown of specialists, reports age, and so forth. Accomplishing the accompanying objectives is planned:

- To computerize all details regarding patients and also securing their medical records.
- Booking the appointment of patient with expert specialists to make it advantageous for both patient and medical clinic.
- Providing with the services of specialized doctors and emergency doctors properly so that facilities provided by hospital are fully utilized in effective and efficient manner.
- Patients should get medications from suggested clinical stores and assuming the clinical store issues meds to patients, it should lessen the stock status of the clinical store as well as the other way around.
- In laboratory system should be able to handle the test reports of patients conducted in the pathology lab of the hospital.
- The stock should be updated automatically whenever a transaction is made.
- The critical data of the patients should be kept up to date and there record should be kept in the system for historical purposes in secure manner.
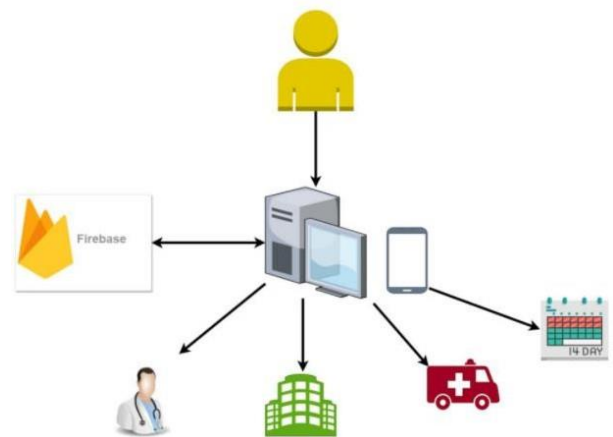

Fig 3.1 Block Diagram of Proposed System

2.4 Implementations

When the user open our website then this type of interface will open shown in right below Fig 2.4.1. This is the login page where the user can create account and login into system. User of each module must go through this page with their own user id and password.
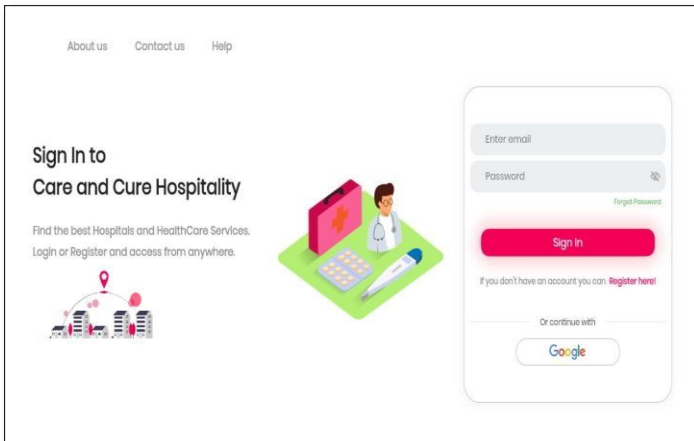
Fig 2.4.1 Login/Registration Page

After successful login/registration patients can book appointment with doctor, get benefit by accessing premium healthcare services. Patients can get directly access to lab reports after appointment in PDF format. During Emergency patient can book ambulance or book the morgue if someone is dead in their neighborhood/relatives. This all the services they can access in just few steps shown in below Fig 2.4.2.
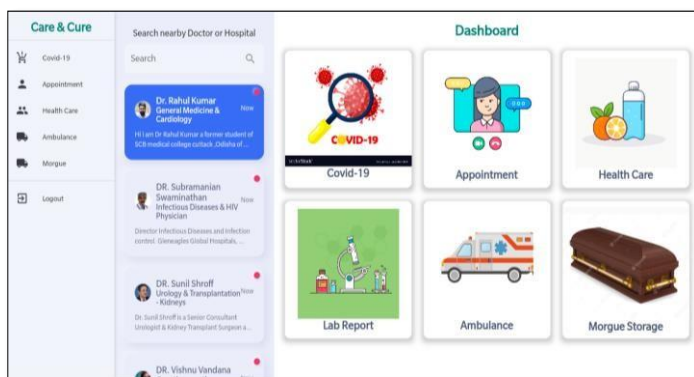

Fig 2.4.2 Services

User can also see how much Covid-19 has spread worldwide by in drop-down menu country wise. User will get detail no of how many infected, how many recovered and how many are dead.
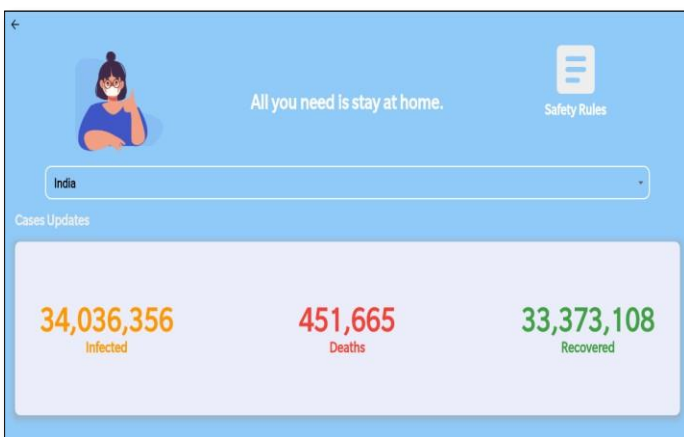

Fig 2.4.3 Covid-19 Worldwide

3. CONCLUSION AND FUTURE WORK

The project Care and Cure Hospitality Management System is for modernizing the working in a clinic. It is an extraordinary improvement over the manual framework. The computerization of the framework emergency clinic overseeing framework was totally checked and tried with faker information and consequently is found has accelerate the interaction. In the present framework, the front office overseeing is exceptionally sluggish. It is to be entirely solid. The product deals with all prerequisites of a normal emergency clinic and is proficient to give simple and powerful stockpiling of data connected with patients that surfaced t emergency clinic to give simple and successful stockpiling of data connected with patients that surface to the clinic. It produces test reports and furthermore gives the office to looking through the subtleties of the patient. It likewise gives charging office based on persistent status whether it is indoor or outside quiet. The framework additionally gives the office of reinforcement according to the prerequisite.

Future Work.

- We can improve this framework by including more offices like drug store framework for the stock subtleties of prescriptions in the drug store.
- Our future work is incorporate this blood donation center administration framework with other medical services supplier focus, emergency clinic and blood donation center.
- Now are proposed framework is web based, in later we will upgrade the framework which will be founded on Application(app).

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