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# VIRTUAL CARE

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**ABSTRACT:** In this modern world everything can be controlled and accessed without the presence of a particular person- that which the time constraint of the modern world demands. This concept is implemented in a complete way through the Online Health Care project. It is not practical in today's life to spend much time only being dedicated for a particular work.

Online Health Care applications are used by a large number of users to communicate with doctor. In this project we have provided a chatting application for doctor and patient where the patient can not only send text messages but also they can post there problems on the site. A facebook posting like feature has been integrated with this application.

**KEYWORDS:** Modern world, Health Care

## I. INTRODUCTION

The Software Requirement Specification captures all the requirements in a single document. The Digital clinic application that is to be developed is supposed to have the following features.

- The application would provide sign-up features for new patient and sign-in pages for the doctor.
- The system provides the members with the option to check their account and/ or change their options like password of the account whenever needed all through the day during the organization hours.
- It allows patient to login into the application.
- The application allows users to use the chat features to chat with patient and doctor.
- The chat window could communicate this to the doctor and patient at the each other end.
- The chat application also provides various other features like use of appointments, chat application, posting the query.
- It could be installed within any organization using client-server based architecture also allowing the organization to customize this application as per their requirements.

## II. LITERATURE SURVEY

Literature survey is the most important step in software development process. Before developing the tool it is necessary to determine the time factor, economy and company strength. Once these things are satisfied, ten next steps are to determine which operating system and language can be used for developing the tool. Once the programmers start building the tool the programmers need lot of external support. This support can be obtained from senior programmers, from book or from websites. Before building the system the above considerations are taken into account for developing the proposed system. Existing System:

- In present system , Password are created by user at time of Registration
- No notification at login and logout. At sender side:
- Direct login without notification
- Does not provide security to the profile after login.
- Sensitive data is thus less secure
- Internet connection required for sender and receiver side. Proposed System:
- In the proposed system, Auto Generated passwords are required, sent via email at time of registration.
- Sending a password to email registered would authenticate the user At Receiver Side: • get email as password
- Provides security to the profile after login.
- Sensitive data is thus more secure
- Internet connection required at both sender side and at receiver side



### III. PROPOSED SYSTEM

1. **Registration** : In this module a new user can register Doctor/ Patient details for accessing this Website. Once they registered or if they already have an id and password, they can enter through the login portal and can access the application. New Users details stored in a database and the existing details obtained from the same for checking at the time of login. The user passwords are automatically generated and sent to there Email registered during the registration itself.

2. **MENU Window**: This module welcomes the user and provides the options for accessing other modules. This module displays at the Top of the screen if there are any new messages for the user waiting to be read. Once the work is finished, the user can choose to either exit or just logout from the application for the other users to use, in case.

3. **Patient Module**: This Module would be at client side. The User would make use of it for Consultation of Doctor for he/her illness. He can take appointment and also post there queries to let the Doctor know about it.

4. **Doctor Module**: This Module Would also be a Client Side .The User would be a doctor with a License No. which would be necessary will registration. The Doctor Accepts Appointment and Consult Patients. Also Can Post some cure if basic illness.

### IV. CONCLUSIONS

Online doctor consultation are rapidly gaining popularity these days as more health ensures telemedicine services to help cut costs. Studies have shown that virtual care may effectively used to treat common problems such as flu, acne, deer tick bites, sinus and urinary tract infections.Video doctor consultations can save patients a lot in time and convenience. Patient are being facilitated by the application, by which they can make the doctors away from them to consult them in small injuries or diseases. Our Project has minimum security , adding some sort of security algorithm would be added in future to make it anti-hack able . Methods of Payment is also would be our future steps and also a big financial step in future.

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