

Online Medical System

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Abstract - Online Medical system is online web portal where doctors, hospitals do the task of providing online treatment to the patients. In this portal, doctors/hospitals upload diseases, symptoms/disease, pairs of symptoms, actual diagnosis with treatment and diet control. treatment can be done by selecting symptoms or pair of symptom age wise. After payment done, he/she gets prescription along with the list of medical stores then by selecting appropriate nearby medical store Patients gets home delivery of medicines. The service can be accessible on both PCs, Laptops and mobiles. The service of this portal can be accessible on mobile by installing app.

Key Words: Medical System, Hospitals, Treatment, Common Diseases, Doctors, Patients, Portal.

1.INTRODUCTION

Online medical system provides online treatment to the patient along with the home delivery of medicines for that patient have to login to the portal. Patients after login, decide whether to get treatment from doctors or hospitals. Once decided, he/she gets list of diseases, choose the disease, choose their symptoms. Before treatment is shown to patient, he/she is asked to pay for treatment. Once payment is done then he/she gets prescription. Once he/she gets prescription, he can download it or send it to nearby medical store which is registered onto this portal. If he/she sends prescription to medical store then medical store provides home delivery with cash on delivery service. Medical store has to register onto this portal to access the benefit of selling medicines online. We are using PHP as server scripting and Java script as a client script along with MYSQL for data storage to develop this website. We will use Android studio to develop .apk of this website. This website is going to be beneficial for all patients who want treatment at home and it will also increase business of doctors indirectly as well as medical stores. The main objective of this web portal is to give online treatment. Patients get the advantage of high profile doctors online. Patients get treatment at lower cost online. Medical stores will deliver medicines at home. We decided to choose this medical portal, because it is good concept and not available in India. We have done some related work, like, we have visited some doctors and hospitals regarding how will our project be useful for them. They have approved this concept and are ready to help us.

1.1 DOCTOR PORTAL

In this portal, doctors register themselves, get ID and upload number of diseases, symptoms, treatment, precautions, diet chart or diet control details. Doctor portal is divided into two parts which are authentication part and treatment part. In authentication part doctors registers themselves and get username and password for login to keep eye on activity of the day on the portal. And in treatment side doctors r login and declare number of diseases, treatment, symptoms and prescriptions.

1.2 HOSPITAL PORTAL

In this module, hospitals register themselves , get ID and upload diseases, symptoms, treatment, precautions diet chart and ready the prescription and details.

1.3 PATIENT PORTAL

In this module patients register themselves on the portal they get ID and choose where to get treatment. Once decided he/she gets list of diseases, choose the disease and choose their symptoms.

1.4 ADMINISTRATOR

In this module we provide information of popular hospitals, common diseases, yoga, diet chart, health and fitness, weight loss/gain to the patient. so this is a complete information module.

1.5 ONLINE MEDICL STORE

After amount being paid by patient he/she get list of medical stores with prescription for getting online home delivery of medicines. Medical store will get online business to deliver medicines at home.

2. LITERATURE REVIEW

By studied of some papers and journals we got that there is only doctor and patient communication applications are available to communicate with each other via text messages or emails. Which is time consuming for both patient and doctors Or another application available for getting online appointments from hospitals or doctors[1] and also provide healthcare system, there is no any mechanism of having online treatment through professionals. So after studied some papers making such a portal that also accessible on mobiles or smart phones is good idea for both Doctors and

Patients, so that we can overcome the limitations of previous systems by making this portal as online medical system.

3. APPLICATIONS

The main applications of this project can be in :
Towns, Village, Low grade area.

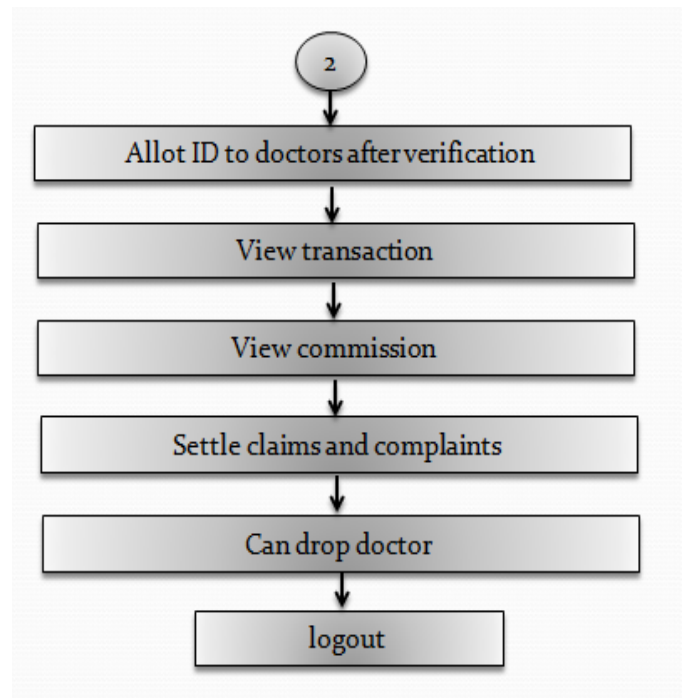
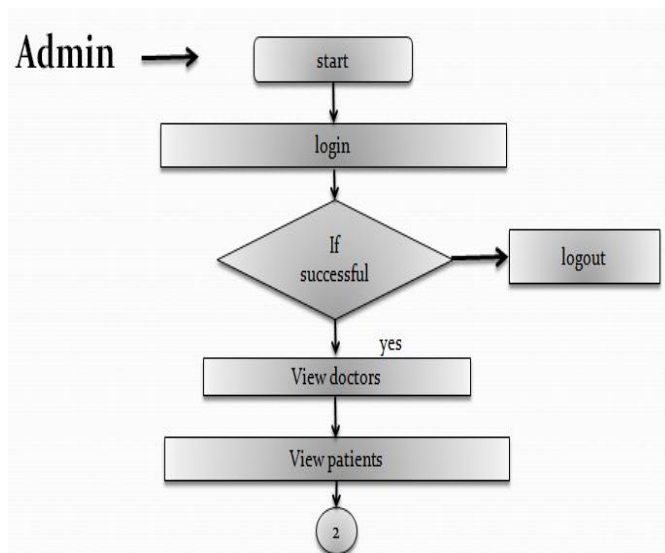
M-Commerce:

It works as medical commerce project where doctors, hospitals and medical stores earn through this portal.

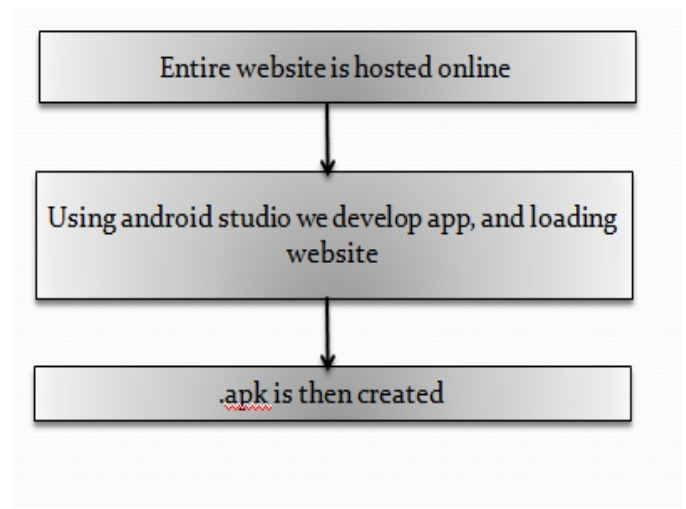
E-Treatment:

It is where patients have some internet knowledge, they can get good treatment from skilled doctors. This portal may also be used in cities where maximum candidates are illiterate. They can get good treatment from doctors outside India. They can get health and fitness information. Hospitals, This portal is beneficial for hospitals where doctors can treat patients in different areas.

4. WORK FLOW DIGRAMS



Android apk :



5. CONCLUSIONS

online medical system as a web portal and as a android application installing .apk file. the system is beneficial for both doctor and a patient and doctors. Admin perform their business and get 10% of doctors fees or amount. Medical stores also get online business by providing home delivery of medicines to the patient. Thus paper work and lengthy process can be avoided.

REFERENCES

- [1] Prof. S. B. Choudhari¹, Chaitanya Kusurkar², Rucha Sonje³, Parag Mahajan⁴, Joanna Vaz ⁵," Android Application for Doctor"s Appointment", (An ISO

3297: 2007 Certified Organization)Vol. 2, Issue 1, January 2014.

- [2] Prema Sundaram, " patient monitoring system using android technology ", IJCSMC, Vol. 2, Issue. 5, May 2013
- [3] Mark L.Murphy, "The Busy Coder's Guide to Android Development," United States of America, Commons Ware, LLC,2008 [3] Mark L.Murphy, "The Busy Coder's Guide to Android Development," United States of America, Commons Ware, LLC,2008.
- [4] J. Singla , "Medical Expert System For Diagnosis Of Various Diseases" – Alex Chaffee (2000-08-17). "What is a web application (or "webapp")?". Retrieved 2008-07-27.CiteSeerX