

OMCS Feature

Abstract idea:

An online system that allows patients and doctors exchange information so that doctors can help patients to diagnose their medical issues and give advice. The system should support main features:

Doctor:

Real time conversation with patient

View patient history medical records

Build medical profile

Patient:

Real time conversation with doctor, support video captures

Add/update medical records

Vote/comment doctors

Suggest feature:

Multiple chatting with many users involved

Crawl news from many site (<http://www.cimsi.org.vn/>, <http://www.benh.vn/Y-Hoc/93.htm>)

Build a knowledge base that let user search by keyword (diagnosis, signs) in (public conversation, consultant article, ...)

Let user made a survey before contact with doctor to save time

User oriented content (patient often care about their diseases, their favorite doctors)

Similar Systems:

<http://www.ykhoa.net/yhocphothong/thamvansuckhoe/HDSK-92.html>

Q&A about medical information by sending email to Dr. Phan Xuân Trung

<http://www.vet.cornell.edu/consultant/Consult.asp>

Build a knowledge system contributed by consultants and let user search on it

<http://bacsytructuyen.com/>

News/tip about medical

Online consulting page: <http://bacsytructuyen.com/tu-van-truc-tuyen>

<http://alobacsi.vn/kham-benh-online.htm>

Make question and search in knowledge base (nearly 100000 questions)

<http://www.tuvansuckhoe24h.com.vn/>

Support chatting using yahoo

Ask question for consultants

Difficulty:

Domain knowledge (medical issues, management paraclinical (cận lâm sàng) medical records)

Technology:

Java or Grails