

CSP584 Final Project

Project Overview:

Our project is a healthhub web application, which supports searching for doctors, health products, medical services and real-time news and recommendations, and auto-complete search for products/doctors.

We provide user interface to two types of users:

1. Customer
2. Manager

Features for Customer include register/login, profile modify/view, products transaction, write/view review, view/modify orders, search for nearby doctors/medical-services, appointment scheduling/modify

Features for Manager include product CRUD, view trending product, view review data analytics.

Requirements:

1. All the data of doctors, medical services, product, user, news are stored in MySQL database.
2. All the data of reviews are stored in MongoDB
3. We use twitter API to fetch data and store it in DealMatch.txt
4. We use CSV files exported from MongoDB and Mysql, then dump data into Neo4j to do Graph searches.

Technologies:

1. HTML
2. CSS
3. Bootstrap
4. JQuery
5. Ajax
6. JSP
7. Servlet
8. Mysql
9. MongoDB
10. Neo4j
11. News API
12. Google Map API
13. Google Chart API
14. Python
15. Twitter API