Abstract

The purpose of this research was to find modal of Recommendation System for Health Care of Elderly and connection for suggest from doctor by video conference and developed system into learning center for elderly to gain access to the body of knowledge via the internet network for take care of yourself and supporting work of the public health officer at district health promoting hospital in Phitsanulok province, they take recommend to used for treat and take care health in elderly. The third steps in this research included 1) Documentary research and survey research was learn from textbook of medicine and addition 15 persons of diagnostician, that are make into 239 node of ontology knowledge base and 6 levels of knowledge. 2) System design and develop, out of 591 persons was answered from questioners. The most of result is function of modal processing has been important to system development using by PHP5 language, RAP library and SPARQL language, that are tools for system development follow by object oriented concepts. The result from development consist of 5 parts in module processing are (1) user interfaces, (2) rule-based systems, (3) ontology-based systems, (4) recommender engine and (5) Video conference. And 3) survey research, We was estimate of Satisfaction for system capacity from 60 users, In the present study found users show good satisfaction was 60.1%.

Keyword (S) ;   Recommendation System, Telecommunication in Medicine, Elderly, Video conference