THESIS TITLE:
INTEGRATED HEALTH CARE DATA MANAGEMENT SYSTEM
(I-Health CDMS)

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Abstract

This following project’s purpose is to develop an application regarding health care service information. Due to preliminary research, more than 90 percent of the respondent acknowledged the necessity of health care service information in every location and condition. In order to accommodate the public demands, this thesis creates web application to exchange data between health care service provider and information call center. By having this application, information call center will be able to provide up-to-date and relevant information to the public.

This thesis project developed using Rapid Application Development. Therefore some framework and open source is used to accommodate the full implementation of the application.

The finished application fulfills the entire requirement stated in chapter one. The application can be accessed through the usage of Virtual Private Network between client and server. On top of that, the application is easily accessed through web browser and simple user interface to accommodate the first time user and cope with low bandwidth area.

The application has been able to provide functionality both to store and obtain data through web browser. As a result this thesis has achieved its main purpose and the project scope has been able to accomplish the aim and objectives of this thesis. Overall project is done on time, therefore it can be conclude that this I-Health CDMS is finished, however it is suggested that further development and socialization would be necessary.

Keywords

Web application, intranet, health care service, information call center, Virtual Private Network