

Capstone Project Proposal



ABSTRACT

Developing and maintaining clinical databases and reading resources has become increasingly involving given the more intricate nature of the docket of medical records and clinical information, and the constant improvement and expansion of the sector experiences. Specifically, the accessibility of the information and the content of information provided are vital to the learning curve. In light to this challenge, EBSCO came up with an evidence based clinical resource called DynaMed plus. This proposal seeks to create awareness of this quite resourceful platform in students' research and evidence based learning.

PROBLEM DESCRIPTION

The current proposal entails the creation of awareness to an evidence based learning resource in the medical sector. With the evolving nature of the industry, a more vigorous learning tool is required to assist students in their research and other learning process along their study curve. Assuredly, clinical information is wide, and may take longer to source out. However, DynaMed plus has devised a quick and more evidenced based learning resource.

Certain strategies have been proposed to deal with the potential problem in availing resources to students. DynaMed plus has provided a new concept that could help curb the challenges. Understandably, the tool has the potential to improve the learning process for students and create

awareness regarding the availability of health care information. DynaMed Plus provides a full proof solution to the experience hardship in accessing learning materials for students. As a result, if the concerned systems can adopt the use of the resource centre to improve the learning system, clearly the education and awareness status in professionals and students can improve immensely.

LITERATURE REVIEW

Being a sensitive issue, there are significant literature on the importance of healthcare education. Having an evidence based learning system is of importance to students and the education sector at large. Advantages of electronic clinic resources includes the fact that availing such resources to students is quite an easy way of creating awareness and growing the culture of research. With increased accessibility to such information, the sector has improved system functionalities and every player in the sector can conclude that the best way to improve learning in institutions is allowing such evidence based study methods.

DynaMed Plus website explains the importance of evidence based learning for students and how efficient the quick flow of information is amongst students and professionals. If adopted, it may improve the learning process for students. In light to the literary that support evidence based learning, there is the suggestion that institutions adopt the use of evidence based learning using Dynamed Plus. The literature suggests that adopting evidence based learning system for healthcare sector can result in more efficient and informed professionals.

IMPLEMENTATION

Having considered all the available perks and fails of the system, implementing it will involve phases. First, awareness is bound to be created in order to familiarize the audience with the program, ultimately, having familiarized the involved parties with the program. Moreover, having accepted and understood the effects of the process, the next face is training and testing. From the awareness stage, the students are then expected to familiarize themselves with the program through training and continuous testing. Upon completion of their training, and use of the program, the students should be allowed to access the system at their own pace, while they interact with the daily training. Feedback from the students is important for continuous assessment of the program. In addition, the constant use of the program enables students to familiarize with the program thereby having a constant interaction with the Dynamed plus evidenced based learning resource. Nonetheless, continuous use of the program vouch for the use of the system, thereby improving the quality of training that the students receive.

CAUTIONS AND CONSIDERATIONS

In cases where complex, user-defined, attribute-cantered, adhoc questions are relevant to an application, efforts should be undertaken to ensure that the desired results are acheived. The first step is to build user-interfaces, whether graphical or not, to assist users in retrieving data. With the proposed system, users will choose from different criterions and attributes. In the process, the interface translates the requests of the users into SQL statements. In addition, where the data are stored, whether EAV cables, or conventional cables, should not matter. Consequently, using the process is quite an advantage for the healthcare education system. The current proposal is feasible because it can help an organization to connect better with the people they serve. If successful, the system will transform raw data into actionable ideas, while increasing the evidence based practices in the

healthcare facilities.

It is clear that healthcare industry should progress towards ensuring that the provider guidelines are consistent with the information use. As a result, the Agency for Healthcare Research and Quality (AHRQ), the Foundation of Research and Education (FORE) of the American Health Information Management Association (AHIMA) and the Medical Group Management Association Center for Research (MGMA CFR) have all initiated data strategies and effective data quality programs to improve data access consistencies in healthcare facilities. There are some specific areas under focus while considering the improvement of data. The objectives area attained by training the front-end users, and by launching surveillance through data integrity analysis.

PROJECT ASSUMPTIONS/CHALLENGE

Although the data for the project may be available, getting it into the meaningful format for use in organizations require more inputs. Normally, users can easily sort the report, however, they are not easily created by the same end users. Occasionally, this may require integration and tweaking with the input from operational managers, although this is clearly uncommon. Nevertheless, the integration and tweaking can be unique and positive for data users. The integration entails some issues, for instance registering a patient incorrectly to spur widespread negative impacts for billing. Some of the errors observed in the process of healthcare data learning requires the relevant departments to restructure their communication channels effectively in order to deal with the integration issues. Creating centralised communication platforms within the facilities enables flexibility and creativity in the training opportunities. As the facilities implement sites, it is significant to reduce the patient visits until the service providers can comfortably offer services to the high numbers.