

NR 360 Open Book Quiz Two. Completing and submitting the answers to this quiz represents my personal individualized work.

Chapters 13, 10,11: Nursing Informatics and the Foundation of Knowledge.

1. Essay: In a minimum of 175 words, how could collaboration and knowledge sharing at a single organization be used to help individuals preparing for information technology at a different facility?

When it comes to knowledge sharing and collaboration it is key for people joining information technology at a different facility because it will help gather information and apply the new and the old information together. It may help make information technology that much better. Exchanging ideas with each individual can help prepare a new software information technology system at another facility. For instance, when a new individual is integrated into a new health care facility and has previously worked elsewhere in the healthcare industry. This person along with the organization he or she just joined can collaborate and share knowledge to come up with a brand new software. With the new member adding information he or she has seen that hasn't worked along with what the new organization has seen, they together can construct a new software with less glitches. For instance, if the new team member has experienced backlash from employees when adding shortcuts to the healthcare software and the new organization wants to add shortcuts. The new team member can relay that information this way; they don't add shortcuts for employees on their new healthcare software. The new team member can share what the feedback was of the old employees, to the new organization. This way there is proof as to why the new organization shouldn't add shortcuts to their new health care software system.

2. Define the following terms in a few sentences using your own words from the course textbook as a reference.

Workarounds- It is a shortcut to bypass the system to achieve a goal, it may mean an improper fit of the system to the flow of the user. Devised method to arrive at the end goal when the system is not functioning properly to accomplish the task goal.

Human technology interface- It is the hardware and software where it intertwines with technology

Human technology interaction- It is the study of interaction. It is how people use technology.

API- The abbreviation is application programming interface. It's a computer interface part of a software part which defines how other parts of the system may be used. An interface can be customized individually, or as an industry standard to make sure it is fully interoperable.

Usability- it is the simple way people can interface to get to their goal, these are problems people make while using the computer system for specific tasks.

Wearable technology- it is the study of inventing, designing, building, and sensory devices. It is a wearable computer device that can be worn on your body or clothing.

Mapping- it is the light switches of the physiological monitor, it is the information displayed.

CWA- The abbreviation is cognitive work analysis. It's a multifaceted procedure that was formed for analysis of high technology domains.

Task analysis- this is a technique on how a task must be completed, including the description of a task's activities, characteristics, and environmental conditions; which are needed for a person to do a job.