

NR 542 Week 8 Discussion Board

Over the course of this eight weeks, I have attained a higher level of knowledge regarding database design and implementation. Entering this course, my knowledge of databases was limited to my experience in utilizing databases, such as electronic medical records and reports generated from electronic medical record platforms. Having learned the stages of database development, I have a better understanding of how this process is executed. I acquired knowledge of E-R diagrams and relational tables, as well as primary keys and relational schema. I utilized analytic processes to refine my database, which was a new concept to me. I learned how to create an E-R diagram and advanced my skill set with using Excel. I also learned that testing in the implementation phase is very critical for the success of database. The issue of getting other clinicians to be receptive and utilize a database for its intent is very common in healthcare, change is never easy and in dealing with database, I thorough explanation and communicating the benefits of the database are integral to the success of the database. In meeting course objectives, I have gained knowledge of information-management tools and techniques, am comfortable with database concepts and practices, and am able to apply the data-information- knowledge-wisdom continuum to healthcare-information management. According to Ghomi & Barzinpour (2018) effective factors in gaining knowledge of information- management tools and techniques include culture, information technology, strategy and goal, organizational infrastructure, employee motivation, leadership and management support, human resources management, education, financial resources, measurement, processes and activities, structure, and communications in the knowledge. Creating a database requires a variety of areas within an organization that requires many participants and a learning curve.