

In module 4, I have learned and have been able to take away the fundamental ideas of Databases as well as the themes of the Web Development World. So from my understanding, a database is a collection of data, and data refers to known facts that can be collected as well as recorded; and they can have implicit meaning. Moreover, data has tables that have rows and columns like a spreadsheet. A database could have multiple tables that could store data about different parts to the same topic. It is important that we manage any data we may contain because managing data assists us to increase efficiency, reduce redundancy, allows productivity and so on. When data is not organized properly, it becomes complicated to find specific information, whereas when data is organized, the process of finding and accumulating information becomes easier. So it is essential that data be organized because being organized makes the process of finding efficient. Furthermore, some important terminologies that I have learned in this module are entity, attribute, and relationship. Entity refers to a person, place or event of the data that we would like to store. Attribute means the property of that entity, and lastly a relationship is the correlation among the entities. It could be one-to-one relationship, one-to-many relationship, and many-to-many relationship. I was able to use this topic in my Database class, wherein I have learned and have been learning about databases in depth. This topic has helped to restore a lot of information in my other class that I forgot, and has helped me with my homework

that I have had to do for that class. The other concept that I have learned in this module is about Web Development, and unlike the Database, this concept did surprise me because I am new to Web Development, and having just little knowledge about Web Development has made me curious to know more about it. So, I have done more research and learned that web development consists of web developers who are programs that specialize in the development of web applications or world wide web. They are accountable for the site's technical aspects like performance and capacity, that determines a website's speed.