

Based on Seltzer (2008), why is it important today to have data storage and retrieval functions built into applications? How do mobile computers affect databases today?

Based on Seltzer (2008), it is important today to have data storage and retrieval functions built into applications to allow bulk-updates, easy data management, and increase functionality while avoiding traditional indexing and large amounts of application software to be rewritten manually whenever the content or physical organization of a database changes. The key here is to adopt a new technology in managing data with more sophisticated applications to be more efficient and productive.

Mobile computers also nowadays, have the ability to augment dataset with entries as they are used or needed. While the data itself is completely transitory, it can be lost and regenerated when necessary. These devices provide efficient and flexible storage that is accessible to their users without depending on additional data server, while they allow an even more efficient way of managing their entire storage environment from one place because of their remote management tools.

## Response 2

Based on Seltzer (2008), it is important to have data storage and retrieval functions built into applications because we need to be able to move messaging around the networks reliably without losing them. We also need to be able to map physical locations to logical locations and be able to look up location-based information. The data base needs to be large enough to handle bulk updates. When looking at flexibility for data management options, you want a storage engine that is configurable. This will give the advantage of having a single storage system and improving your quality.

Mobile computers affect databases today because they can be used as a local dataset when they are needed like a cell phone directory. The data can be lost or regenerated when necessary.