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**Chapter Case**

Chapter 14 Database Applications

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# Chapter 14 Database Applications

## Dionne’s Grade Tracking Database

Dionne is planning to attend the University of South Florida (USF) when he graduates from High School. USF has a Grade Point Average (GPA) requirement for admissions and Dionne wants to make sure he keeps a close eye on his grades. Now that he knows a lot more about the power of databases, he wants to design a database that will help him keep track of his grades. But he’s not sure which database to choose and what features the database offers.

He’s also not sure if the database is free or if he will have to pay to use it. He doesn’t have a lot of money, so a cheap price or free is the best. Dionne also isn’t sure if he should pick a database that he will have to install on his laptop or if he can just login to a website online and use it. There are so many questions that Dionne needs to answer before he can design his database.

## Case Questions

1. Use the Internet to research the world wide web for at least 1 database that Dionne could use to design his database. If you have trouble finding any databases, review the “Evolution of database technologies” section in the Database Applications chapter where you will see a list of popular relational databases. List the database you have found for Dionne and describe the following: What are some key features of the database? How much does it cost?
2. Describe in detail what Dionne will have to do to use the database. In other words, will he have to install it on his laptop or login to a website or some other method?