Siyuan Cheng

IS 439

Exercise 2

• Which production-quality database server products are available on the PythonAnywhere

platform?

Ans: MySQL, SQLite, and Postgres are available on the PythonAnywhere.

• Which of these database server products would you recommend for EZU? Why?

Ans: I would recommend MySQL. The reason is that it is a published source, so everyone can use it. Also, it is available everywhere for users. We know SQLite3 is typically only used for development. However, MySQL can use on the production server. Also, it runs faster than SQLite.

• Would more product choices be available if we had a paying rather than a beginner

account? Which would you choose if we had a paying account?

Ans: If you have a paying, you will have more choices, such as Qualio, FORM, and Dot. I would choose Exact Data. The reason is we do not need to pay a lot of money for it. It is cheap, and It has many functions. It runs very fast, and it has a lot of shortcuts, so we don't have to do a lot of steps.

• What further actions would we need to take in our deployment to use the recommended

database server product instead of SQLite3? Be specific regarding the steps.

Ans: SQLite3 is like a default setting, so we need to change the setting to the recommended database server product. Of course, we need to download the product first, and then copy and past the dataset to the new product, and it will generate it automatically. Also, we may need to click some marks to confirm relationships.