Describe the design that would best support the ability of a programmer to have two versions of a database in his application. For example, he wishes to work on the test data while coding, but must switch to the production database when his app is deployed. Comment on at least two posts from your classmates.

Hello Class,

The design pattern that we have learnt in this class and in the Java classes that would work to support two versions of a database would be DAO or Data Access Object. This is a pattern that would allow the developer to isolate the application/business layers from the data layers. This would provide an interface that you could implement operations to switch between databases based on a selection. In essence one could log into an application utilizing specific dev credentials to use one database and then flow other credentials to use the second database.

References:

Data Access Object Pattern. (n.d.). https://www.tutorialspoint.com/design\_pattern/data\_access\_object\_pattern.htm#:~:text=Data%20Access%20Object%20Pattern%20or,a%20model%20object(s).

GeeksforGeeks. (2021). Data Access Object Pattern. GeeksforGeeks. https://www.geeksforgeeks.org/data-access-object-pattern/