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SE 2141 - LABORATORY 3

The main topic of today's seminar was about Database Management System. Different subtopics were discussed and these includes the paradigm shift of what type of database to use, data models, DDL, DML, DCL, TCL. About the topic in paradigm shift, the speakers discussed about the type of database that were used in the past. Back then, file base system is still in used in formats like CSV, TXT or binary. This is because technology back then was not as developed like it is now that people have to find ways to handle and store data properly. But as time goes on, advance database types like PostgreSQL and MySQL were developed that revolutionized data management. Next is the topic about data models. I have quite a few experiences in constructing data models since our labs in database were mostly creating data models. From my experience in making it, there are mainly two types the logical model and conceptual model. The logical model consists of an Entity and its Attributes. The conceptual model on the other hand uses shapes to establish relationship between entities. Next is about DDL, DML, DCL, TCL. To be honest I don't have much knowledge about this and the seminar didn't change any of it but I am a bit familiar with DML since I used it in the previous laboratories in Database. I mainly used the SELECT, INSERT, UPDATE and DELETE command in those laboratories. But I need to be more familiarized with it since I would be using it in creating future projects that requires having a database.

Overall, I didn't really pay much attention in the seminar like I did with previous seminars that I attended because some of the topics discussed were already tackled in our database subject. It was more of a recap than a new lesson so it didn't interest me that much to have my full attention. If the seminar was more on the practical lesson side where they demonstrate to us how to create a database using widely used database types then I probably have tuned in more. But the other students in the seminar quite enjoyed it so that's good to see.