Cesar Santiago

ID: 970403634

COP4710 Database Systems

Pf. J. Teichert

Chapter 1

Checkpoint 1.1

2) After adding the new tree the data becomes a list of objects with no relation to one another.

3) The reason for this conjunction of data to not be counted as a database is that the object do not have any specified relation to one another.

Checkpoint 1.3

1) A database is implemented in the development phase of the model.

2) The user tests the database once completed. The user will after testing tell whether it is satisfactory or otherwise.

3) The first phase is the requirement phase, where the user defines all of the specifications for a database or software.

Checkpoint 1.4

1) Phase one is the requirement phase where the designer is given the type of data and how they intend to use this data. Phase two is the specification phase which involves the actual data inside the database, mostly done to be on the same page as the user in terms of design. Phase three is the design phase where the designer implements a database and sets up the data.

2) The two main players are the user and the designer of the ..database.

3) Written communication is important because of the ER diagram nature of database design, giving relations via spoken communication might misdirect the user on what the user really wants to receive.

Chapter 1 Exercises

2) Sally will begin to write down the requirements she received and translate into ER design to later explain Fred back what he wanted from the database.