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Lect. 3

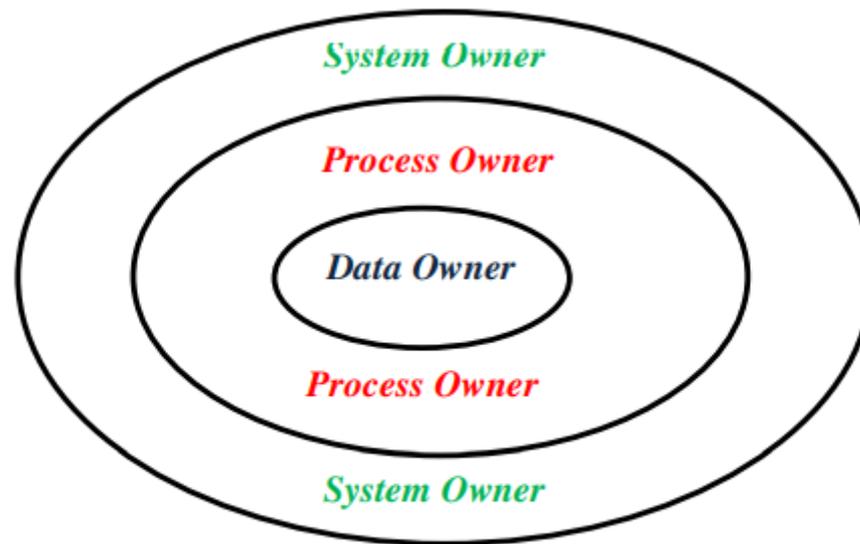


figure 1 category of users

Data owner : this is person , unit, department who is responsible for any aspect of data in a particular system. The same data owner can exist in several sub-systems. Also for one single sub-system , there could be more than one data owner. In E-management environment , the responsibility of data owner is distributed to the actual or real data owner, and the real data owner will be responsible to enter the data, update the data , delete the data and maintain the data. Table 1 , show ; examples of data owners.

All the data will be updated online by the actual data owner directly into the main database in paperless environment and all data in the main database shall be considered valid and verified by the owner at any moment of time . thus , everyone authorized to retrieve the information can retrieve the data at any time with no need to check the validity of the data. And those data that need to be approved will be approved by the actual approver.

Table 1. Examples of data owners.

Data	Data owner
Staff profile	Each Staff must update his own data and Validated by Human Resource Division
Traveling and transport	Each Staff must update his own data and Approver – the superior
Staff Leave	Application – Own staff and Approver – The superior
Student Profile	Each Student must update his own data and Verified by Student Record Office
Subject Registration	Each Student must register his own subject and Approver – Academic advisor
Student Marks	Academic Staff (Lecturers and Tutors)
Staff Salary	Human Resource Department
Financial Budget	Each Department, Unit or Faculty
Inventory	Each Department, Unit or Faculty

Process owner :this is the unit or department who is responsible for some of the processes in a particular system . Specifically , it is supposed to be responsible to design and finalize the process flow , policy and procedure of a particular process in the overall system. For example , in traveling and transport management system , process of work - order shall be owned by human resources division since it involves staff hierarchy and staff' personal information ; transport process will be owned by transport unit and traveling claim will be owned by finance division .one of the process owners will be appointed as system owner to coordinate the design ,development and implementation of all processes within the system.

System owner : this is the unit or department who is responsible for the overall system starting from planning , designing ,developing and deploying to enhancing. In conventional system development , normally the system owner is the Computer Center , which needs to develop all the systems . So if meanwhile they become the system owner, their workload would be unbalance , which could cause big problems to the system .

End users: this can be categorized according to the levels of MIS , figure 2 , since different levels of systems require different types of users . Transaction processing system is to help operational workers to keep tracks of daily or elementary activities or transactions of the organization , like by providing purchasing module ,account Payable and receivable module in financial system .

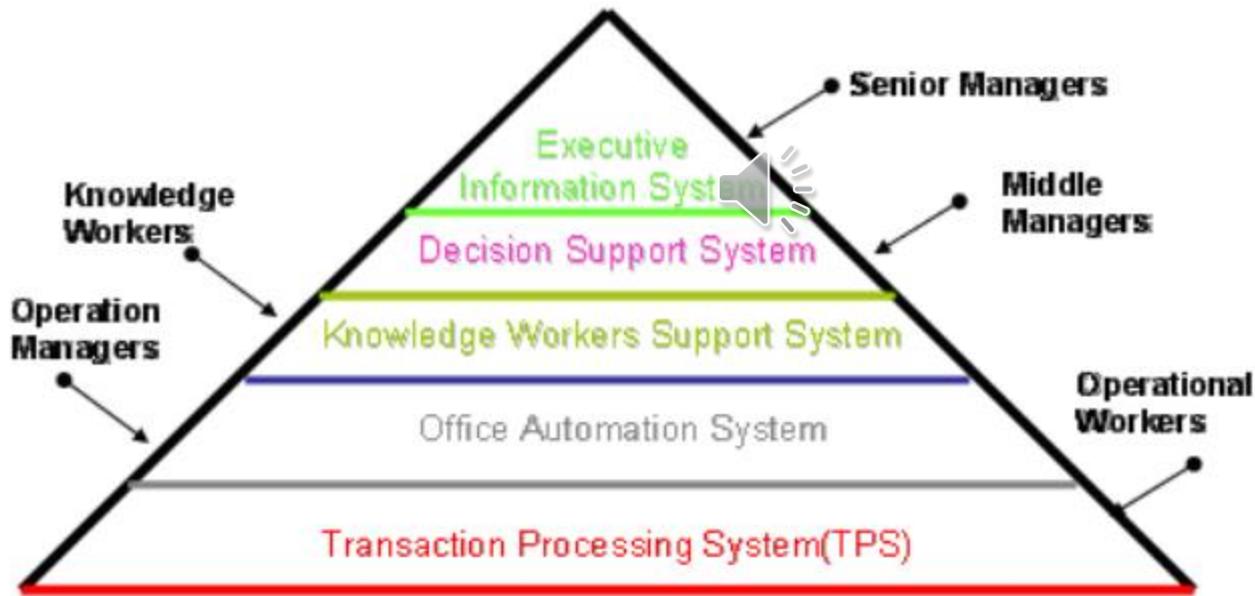


Figure 2 End user category.

Questions :

Q1: define with example data owner ?

Q2: end users ? What they mean ? With example?

Q3: explain system owner?

Q4: discuss process owner ?

Q5: give two example about data owner ?