Disadvantages of the t radit ional file approach:

o **Data Security** – Data easily accessible by all and therefore not

secure

o **Data Redundancy** – Same data is duplicated in two or more files

which may lead to update anomalies

o **Data Isolation** – All the related data is not available in one file.

Thus writ ing a new applicat ion program is difficult

o **Program / Data Dependence** – Applicat ion programs are datadependent

. It is impossible to change the physical

representat ion (how the data is physically represented in

storage) or access technique (how it is physically accessed)

without affecting the application

o **Lack of Flexibility** – Only pre-determined requests for

informat ion can be met . It is not flexible enough to sat isfy

unant icipated queries

o **Concurrent Access Anomalies** – Same piece of data is allowed

to be updated simultaneously which leads to inconsistencies