SAFETY REQUIREMENTS

If there is an extensive damage to a wide portion of the database due to catastrophic failure, such as a disk crash, the recovery method restores a past copy the database that was backed up to archival storage (typically tape) and reconstruct a more current state by reapplying or redoing the operations of committed transaction from the backed up log, up to the time of failure.

SECURITY REQUIREMENTS

Security systems need database storage just like any other application. However, the special requirements of the security market mean that vendors must choose their database partner carefully.

SOFTWARE QUALITY ATTRIBUTES

AVAILABILITY: The cylinder should be available on the specified date and specified time as many customers are doing advanced reservations.

CORRECTNESS: The cylinder should reach to the correct destination.

MAINTAINABILITY: The manager should maintain correct information of cylinders.

USABILITY: The software should satisfy maximum number of customer needs.