

Data Independence

- Applications are insulated from how data is structured and stored
- Logical data independence
 - Ability to change the conceptual schema without changing external views or applications
 - Ex) Add/Modify/Delete a column without rewrite existing application programs
- Physical data independence
 - Separate conceptual levels from the internal/physical levels
 - Ex1) Changing a new storage device (HDD => SSD)
 - Ex2) Modifying the data compression techniques