

ISM641 Database Design Project: Business Rules

Business rules for database design

- The design must track the date the workstation was assigned and whether it is a desktop PC or a laptop.
- The design must track the date a software was installed on a given workstation and the type of license that was used.
- Only one workstation can be assigned to an employee.
- The design must track every workstation/Laptop (location and assignee).
- The design must track employees and capture the following information (EmployeeID, Firstname, Lastname, title, Date of Hire, Salary, and department).
 - The title would be used to determine whether the employee is an associate, lead or manager.
 - Values for the department attribute would include accounting, research, QA , operations , HR and administration.
- The design must have the ability to track workstations need and the following information captured (WorkstationID, type, location, date of purchase).
- The design must track the PC/laptop configurations (memory, disk space and CPU speed).
- The design must have the ability to track when a given workstation was assigned to a given employee.
 - This date is usually different from the purchase date.
- The design must track the type of licenses used (named license, volume license, concurrent licenses).
 - Named user license: A license that is assigned and used by a particular user
 - Volume license: Licenses that can be installed on any number of machines but can be used on a limited number on machines at any given point depending on the purchased volume
 - Concurrent Licenses: Licenses that can be installed on any number of machines but can be used on a limited number of machines at any given point
- The design must have the ability to track expiration dates on existing licenses.