Elements of Healthcare Database

* Stores patient’s data
* Help medical organizations their role in the larger healthcare system
* Efficient record tracking (large volume)
* Information transfer between different providers
* Record of healthcare quality

MySQL

* Advantages
  + Data Security
  + On-Demand Scalability
  + High Performance
  + 24/7 Uptime
  + Transactional Support
  + Workflow Control
  + Cost efficient
  + Open source
* Disadvantages
  + Not efficient at handling large data sizes
  + Prone to data corruption
  + No check Constraints
  + Poor developing and debugging tools
  + Less high end than competitors

Oracle

* Advantages
  + Reduced operational cots
  + Database merging
  + Secure hybrid cloud environment
  + User security access
  + Data backup
  + Multiple database support
  + Scalability
  + Support multiple operating systems and hardware
  + Most robust tools
* Disadvantages
  + Complexity
  + Expensive
  + Difficult management
  + Hardware intensive

Microsoft SQL

* Advantages
  + Easy Installation
  + Performance efficiency
  + One of the most secure databases
  + Different pricing options
  + Data recovery
  + Microsoft product compatibility
* Disadvantages
  + Cost
  + Incompatible with non-Microsoft products and older hardware