Database requirements and design

# Information requirements

* MonitorUnits
  + ID number/Serial number
  + In use?
* Users
  + Name(s)
    - Firstname
    - Middlename
    - Surname
  + Residential information
    - Country
    - City
    - State
    - Zip code
    - Address
  + Email
  + Password
  + User ID
  + Pool
    - No. of Pools
    - Pool dimensions
      * Depth
      * Length
      * Width
  + No. of registered MU’s
  + Registered MU’s
    - MU Serial number
* ValueConstraints
  + pH
    - Minimum value
    - Maximum value
  + Chlorine
    - Minimum value
    - Maximum value
  + Warmth?? //Any restrictions?