SELECTED PROBLEM:

Manual Business Process in Payment of Grants of Social Pension's Beneficiaries

Legend:
Unique Identifier (UID)
* Mandatory Attribute
o Optional Attribute

User:
  # Id (pk)
  * Username
  * Password
  * group_id (fk->group.id)
  * status

User Group :
  # Id (pk)
  * group name
  * status

Group Role:
  # id (pk)
  * role id (fk->role.id)
  * group id

Role
  # id (pk)
  * role name
  * module code

Beneficiary
  # id (pk)
  * first name
  o middle name
  * lastname
  * birthday
  * address (fk->address.psgc)
  * status
  * case worker id (fk-> user.id)
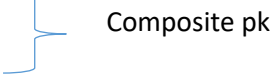
 Address
  # psgc code (pk)
  * province
  * municipality
  * barangay

Payroll
 # id (pk)
 * fund source id (fk->fund source.id)
 * certified availability of fund by (fk->user)
 o certified correct by (fk->user)
 o recommended by (fk->user)
 o date recommended
 o approved by (fk->user)
 o date approved
 * payroll status
 * payroll classification
 * liquidation status
 * liquidation date
 * liquidated by (fk->user.id)

Payroll roster
 # payroll id (pk)
 # beneficiary id (pk)   Composite pk
 * disbursement status
 o date disbursed
 * grant amount
 * date received