**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) Composite pk

# beneficiary id (pk)

\* disbursement status

o date disbursed

\* grant amount

\* date received