**ENTITY RELATIONSHIP DIAGRAM**

**(PER TRANSACTION)**

* Log in

User

User Role

has

User Log in

* Register

Role

Role Manager

User

User Manager

creates

creates

* Human Resources

contains

Personnel

Section Heads

Section

has

* Inventory

Equipment

Supply

Supply Category

contains

Equipment Category

contains

* Projects

composes of

assigned to

Project Team

Project

Personnel

Supply

contains

* Task Assignments

assigned to

assigned to

Section Task

Personnel

Section

contains

Personnel Task