**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

contains

Supply

* Task Assignments

assigned to

assigned to

Section Task

Personnel

Section

contains

Personnel Task

**ENTITY RELATIONSHIP DIAGRAM**

**(AS A WHOLE)**

Equipment Category

Assigned to

Has info of

Contains inventory of

Assigned to

Assembled to

Equipment

contains

creates

User Manager

Role

creates

User Role

User

has

User Log-in

Logs in

Personnel Task

Personnel

contains

Section

manages

Supply

Project Team

Project

contains

Supply category

contains

stored in