**Capstone Project 1 Title Proposal**

Thesis Title:

**“Newborn Screening Center Computerized Inventory Management System”**

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Proponents:

1. **Teodoro, Regine V.**
2. **Garcia, Daryn G.**
3. **Asis, Aizalyn N.**
4. **Roque, Chat Cezar J.**
5. **Engay, Emmanuel D.**

**Project Context:**

The purpose of having a computerize inventory system is too improve accessibility for record in a fast rate, gives a real time monitoring and up to date information.

Inventory system is designs to tell you where each product is going, how much is being sold when you order more and which products produce a greatest profit. Inventory also shows where a particular item is in the flow of sales whether it is a warehouse or a store.

Computerized Inventory Management System for Newborn Screening Center. The company provide technical assistance to ensure that all Filipino children will have access to and avail of total quality care for the optimal growth and development of their full potential. As the company grows they also encountered some problems such as some of their inventory record lost, misplaced inventory items, Inaccurate physical counts could also result in not ordering enough of a product.The proponent will make an Equipment Inventory System a software which they can monitor the record of equipment or item, the system that can provide a printed output whenever a report is needed, the system is user friendly interface can be easily manage to everyone.The system will also provide accurately maintain inventory records.To review the current inventory positions for provide monthly summary.

**Conceptual Framework:**

**INPUT PROCESS OUTPUT**

Design and Development of Newborn Screening Center Computerized Inventory Management System.

**System Design:**

* Normalization
* Data Flow Diagram
* Column

Indexing

**System Development:**

* Iterative Model

**Testing and improvements:**

* Alpha testing
* Beta Testing

**System Requirement:**

* Windows 7 or Higher Operating system.
* Petium 4 processor or higher

**Software Requirement:**

* Updated web browser
* Working XAMPP
* Front-End (HTML, CSS3,Javascript)
* Back End

(MY SQL PHP)

The system will be running as a web-based application designed to help the client to improve their inventory management and to lessen error tendencies in recording the inventory of their equipments and items.

**Scope and Limitation of the Study:**

Scopes of the system are the following.

* **Security**
* The system has a capability to secure and retrieve a password of password of admin/user if he/she remembered their pin code.
* **Inventory**
* The system has a capability to manage the inventory of all the equipments of the company.
* **Generation of report**
* The system has a capability to generate printed report.
* **File Maintenance**
* The system includes file maintenance that would automatically add, delete, save, update, and retrieve information of files.
* To be able to know the remaining stocks.
* To be able to know what items/products are fast moving?
* To be able to know what are the items are going to pull out for slow moving.
* To be able to know how much item are already sold.
* To be able to know what product are in critical stage.

limitation of the system is the following.

* Some records are not based on the data inputted by the user
* Can show all information about each product.
* Not an online transaction.
* The proposed system is intended only to Newborn Screening Center.

**Approved By:**

**Prof. Ezekiel R. Borja**

Capstone Project Professor