**MSYADD1 Cruz-Rabe Pharmacy Request System**

**I. Introduction**

### I.I Project Context

### In order to ensure patient's safety, cost effective processes and well managed admission on managing medical services, through preventing clinical errors and use resources efficiently. Therefore, business process should have a sufficient tool which is an automation of “Pharmacy Request System.” Transactions that are processed in different factors including; IN and OUT patient order entry, dispensing orders, pharmacy inventory and purchasing management will stand-alone by providing innovative way of service. The client Cruz-Rabe Maternity General Hospital uses the latest technology enabling complete control to improve medical management and to bring satisfaction to their clients in terms of professional service.

#### ◌ Success Factors

We can assume that the system will be feasible if the proponents meet the following requirements:

* If the system seems to be helpful when hospital transactions (pharmacy requests) are now processed in just a few moments.
* If the results produced are accurate and reliable for the patients.
* If the pharmacy records can be tracked down easily from its database. .
* If less resources are utilized but service would improve.

We can assume that the system will be successful for a long term if we meet the following requirements:

* If the system is useful to patients and hospital staffs in terms of service, performance and satisfaction.
* If it will generate enough revenue to support the maintenance of the system

#### ◌ Business Risk

**RI-1:** Might take in critics since the pharmacy department will be adapting changes towards its business transactions.

**RI-2:** It will require equipment and services in order to produce the system. This means, the organization need to invest in this project as there is a possibility to make changes in certain aspects such as its maintenance and security.

### I.II Purpose and Description

A pharmacy within a hospital case, wherein there will only be IN and OUT patients for pharmacy request entry.

The system will have the following:

* Order Prescription
* Patient History Records,
* Stock Inventory of Medicine and Supplies Directory
* Department Directory
* Doctor Directory

#### Purpose and Success Factors

**P1:** Make the processing of prescriptions faster and reliable

**P2:** Lessen the loss of data of the existing and upcoming pharmacy records

**P3:** Increase efficiency of work in input of information and processing of requests by the pharmacists upon implementation

**S1:** The pharmacists are able to maximize productivity with the use of the Pharmacy Request System (PRS)

**S2:** Receive a positive feedback from the client regarding the increase average amount of work done by the Pharmacy Department

### I.III Objectives

#### ◌ General Objectives

* Paperless Transactions System (PTS)
* Automation of Pharmacy Request System
* Convenient way of discharging patients

#### ◌ Specific Objectives

* Eliminate mistakes caused by manual steps and workarounds
* Pharmacy transactions will be generated electronically for accessibility
* Pharmacy system will be more reliable and convenient
* Less tedious on data mining and documentation
* Save and track relevant information in real time

### I.IV Vision Statement

A *Web-based system* (intranet) for processing *pharmacy request* within a system, dedicated to ease the way of accepting requests by pharmacists to process the *automated prescription orders* and *dispense orders* in a better way. It will not only verify the information received, but also keep the records in a secured database which can be accessed for future preferences. Unlike the old-way of *manual processes*, *Cruz-Rabe Pharmacy Request System* intends to improve the quality of work in the medical field by providing the essential steps of transactions in fast-pace. *The vision of this system is determined to meet patient’s satisfaction in terms of service.*

### I.V Scope and limitations

Pharmacy Request System is intended for pharmacists to use in their service that assists patients’ drug requests that is prescribed by a doctor. Alternatively, the Pharmacy Requests will be automated and the data will be on a database for data warehouse. This scheme will ease the work of the auditing staff and improve the discharging process of patients.

#### ◌ Assumptions and Dependencies

**AS-1:** Additional equipment, services, and maintenance will be improvised for the authorized personnel to do the business processes.

**AS-2:** The hospital will be developed to ensure the system was implemented well-lesser hardcopies, more softcopies for the records.

**DE-1**: If the pharmacy records will be accessible with the other departments to support the system for consistency of the data.