

**Cruz-Rabe Maternity &**

**General Hospital Pharmaceutical Management System**

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1. **Overview**

Now in our society, technology is the most important advancement, necessity in bringing out progress we move along in this latest technology to impress our client such that to be implemented and give them opportunity to come up with a computer. Some of their branches are

The main goal of the project is to provide a good quality of a system that will help mainly the Pharmacist at the hospital to automate the paper work that will help them to provide a good quality and quick service to each patient.

* 1. **Scope**

The (CRPMS-PMS) Cruz-Rabe Maternity & General Hospital Pharmaceutical Management System will be managed by the head of pharmacy. The main functionality of the system is to automate the easy access of the medicine information e.g. its location and its inventory information. This system is only accessible within the organization.

The objectives of this system are the following:

* To provide an easy to understand interface for the user.
* To provide a fast and reliable transaction between the pharmacist and the patient.
* Easy access of the inventory of the medicine.
* Easy to search of the location of the medicine.
* It can only be accessed within the organization.
* User Friendly graphical user interface.

1. **References**

WIKI SITE: [**http://projects2.apc.edu.ph/wiki/index.php/CSPROJ2\_MI121\_Group\_4:\_Team\_Leader:\_Barbasa%2C\_Mark\_Ervin\_T.\_BSIT-MI121**](http://projects2.apc.edu.ph/wiki/index.php/CSPROJ2_MI121_Group_4:_Team_Leader:_Barbasa%2C_Mark_Ervin_T._BSIT-MI121)

**3 Definition and Acronyms**

**3.1 Definition**

**3.2 Acronyms**

CRPMS-PMS - Cruz-Rabe Maternity & General Hospital Pharmaceutical Management System

**4 Software Quality Assurance Plan**

**4.1 Purpose**

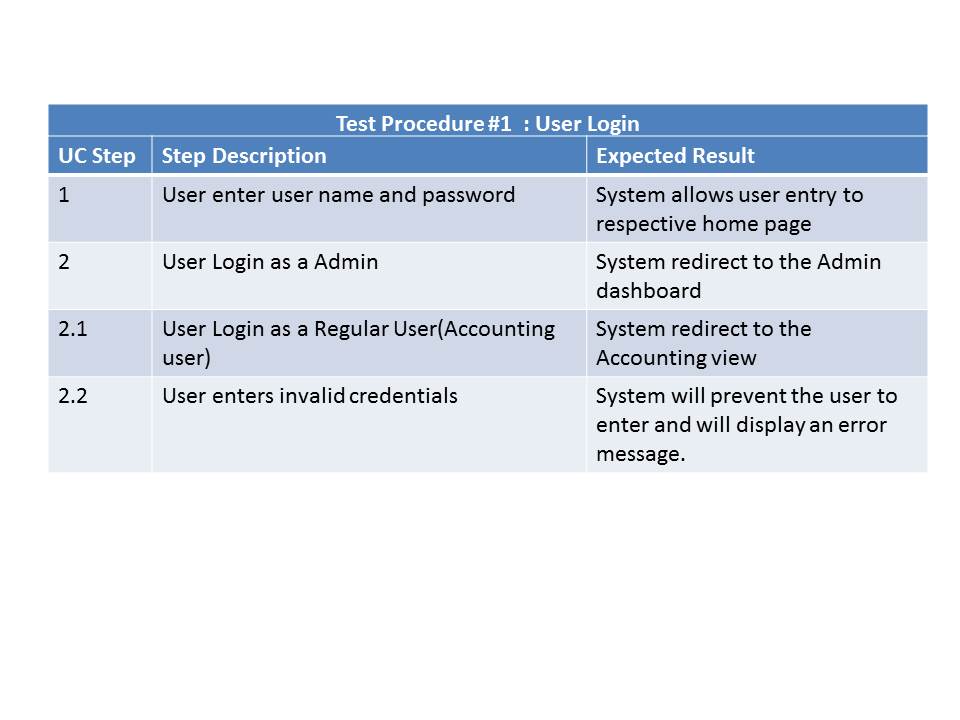
The project aims to create an automated system of the CRPMS. The main purpose of the Project is to meet the all requirements of the Client.

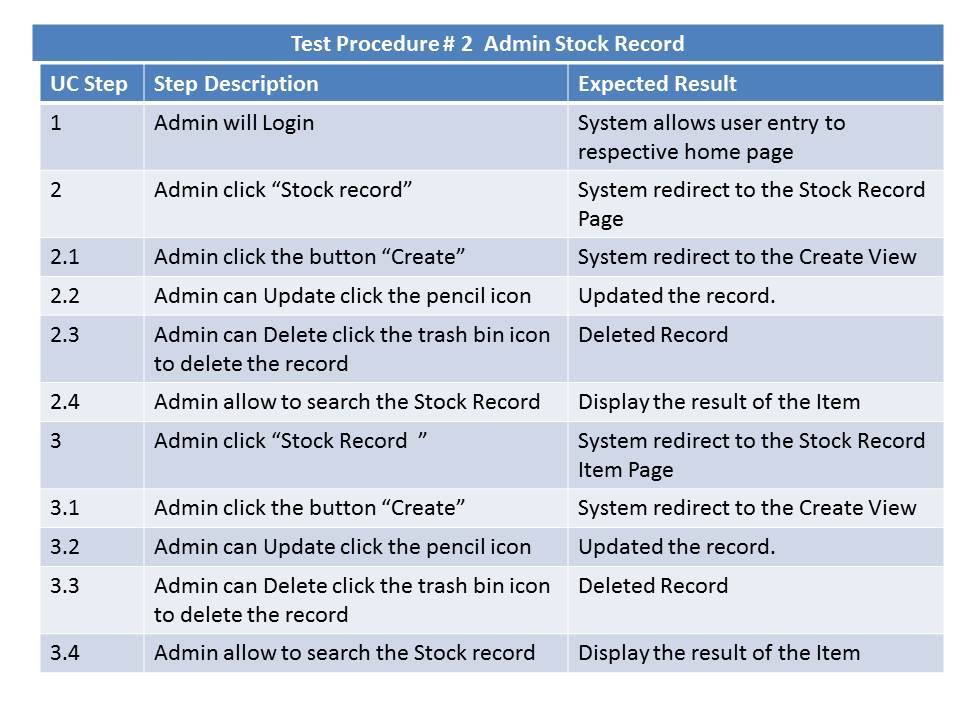
**4.2 Management**

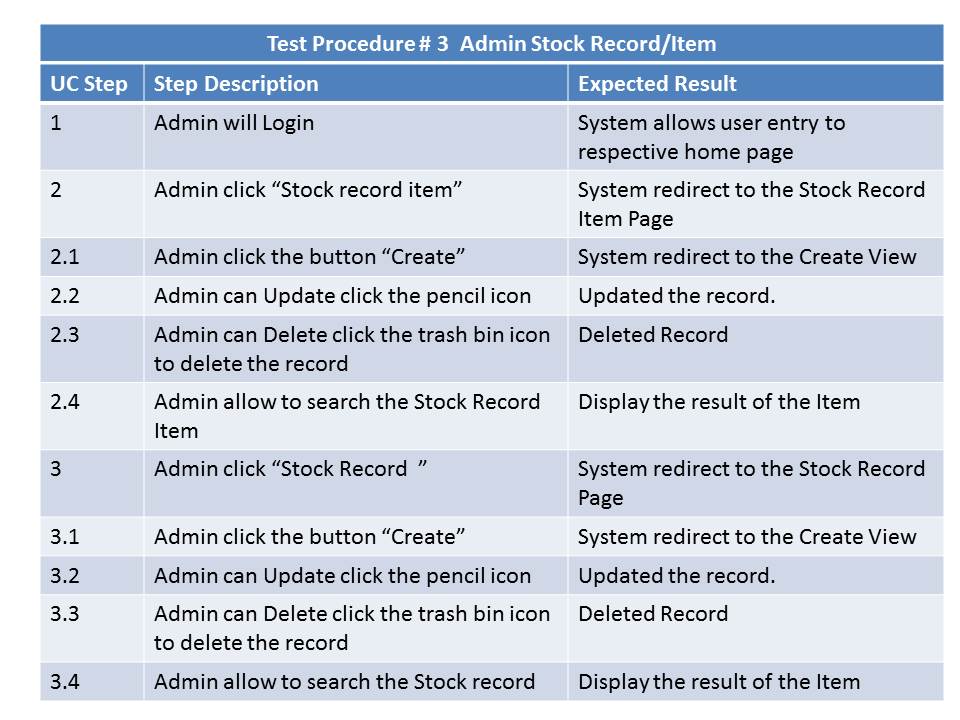
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| --- | --- | --- |
| **Members Names** | **Task** | **Responsibilities** |
| Kevin Navarro |  |  |
| Flordeliza Calanno |  |  |
| Cristine Ronario |  |  |

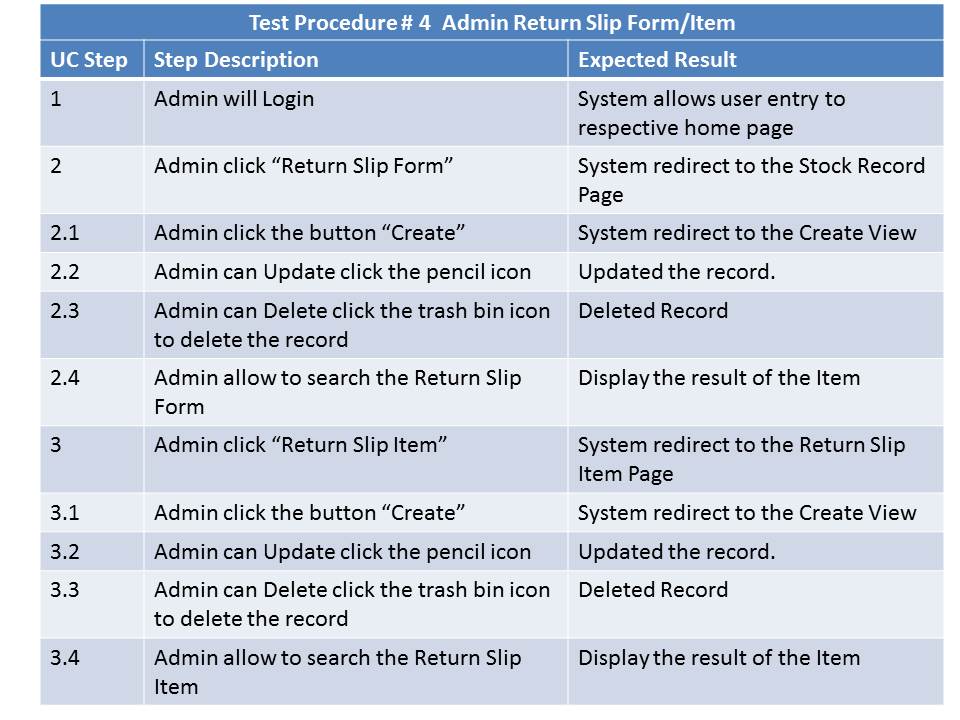
**4.3 Documentation**

Testing procedures









**4.4 Standards, practices, conventions, and metrics**

During this project many different documents will be made. This is done during the random checks held by the SQA team. Every document has to be approved by:

* + Quality Assurance Analyst (Tester)
  + The leader of the responsible team
  + A member of the SQA team

**4.5 Reviews and audits**

**Purpose**

This section shall

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a) DeÞne the technical and managerial reviews and audits to be conducted;

b) State how the reviews and audits are to be accomplished;

c) State what further actions are required and how they are to be implemented and veriÞed.

**4.5.1 Minimum requirements**

**Of the system ..**

**4.6 Test**

This section shall

a) Describe the practices and procedures to be followed for reporting, tracking, and resolving problems

identiÞed in both software items and the software development and maintenance process;

b) State the speciÞc organizational responsibilities concerned with their implementation

c)

**4.7 Problem reporting and corrective action**

When a problem in an approved Configuration Item is detected, it has to be solved. There are several kinds of problems:

**Document problems:**

* Noncompliance with other project documents.
* Incompleteness.
* Errors.

**Code problems:**

* Wrong functionality.
* Noncompliance with coding or commentary standards.
* Database Conflicts

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**4.8 Tools, techniques, and methodologies**

This section shall identify the special software tools, techniques, and methodologies that support SQA, state their

purposes, and describe their use.

**4.9 Code control**

This section shall deÞne the methods and facilities used to maintain, store, secure, and document controlled versions

of the identiÞed software during all phases of the software life cycle. This may be implemented in conjunction with a

computer program library. This may be provided as a part of the SCMP. If so, an appropriate reference shall be made

thereto.

**4.10 Media control**

This section shall state the methods and facilities to be used to

a) Identify the media for each computer product and the documentation required to store the media, including

the copy and restore process; and

b) Protect computer program physical media from unauthorized access or inadvertent damage or degradation

during all phases of the software life cycle.

**4.11 Supplier control**

The external software components we use are the following

* MS Project – WBS
* MS Visio – Diagrams
* MySQLWorkbench – ERD
* Yii Framework – For the system
* Ms Word – Documents
* phpMyAdmin – database repository
* xampp – Local web server

**4.12 Records collection, maintenance, and retention**

This section shall identify the SQA documentation to be retained; shall state the methods and facilities to be used to

assemble, safeguard, and maintain this documentation; and shall designate the retention period.

**4.14 Risk management**

This section shall specify the methods and procedures employed to identify, assess, monitor, and control areas of risk

arising during the portion of the software life cycle covered by the SQAP.