



Name of the System:

- **Ob-gyn Clinic Information Management System**

Purpose of the system

Clinic Information Management System Project in VB.Net completes all the terms of check-ups, appointments of medication, inventory, and generates reports. This system provides the standards of the clinic. All of the users of the system have different functionalities to complete each task to operate.

The Administrator

The admin can access all modules in the system.

The admin can add new users in the system.

The admin can view the list of the patients as well as the inventory and schedule of each .

The admin can view all the reports in the system.

System Specific Objectives

To provide the quality reporting of records that transacts.

To provide managing physical and check-ups services.

To provide fast and reliable transactions in a real time base.



A screenshot of a web application's login interface. The background is a dark blue gradient. On the left side, there is a faint, large watermark of the Rizal Technological University logo. In the center, there is a dark gray rectangular box containing the login form. The form has the title "Log In" at the top. Below the title are two input fields: "Username" and "Password", each with a white underline. At the bottom of the form are two green buttons: "Login" and "Close".

Figure 1 LOG IN

This form serve as the security level whereas the user should input the right credentials to be able to log in



Figure 2 Dashboard (Check and Log out)

This button will check the counts of nurses' accounts, which are the same as registered patients' accounts, as well as medicine stocks. The active nurse will then be displayed, complete with a picture of their gender and information about the nurse. The active nurse will log out when you click the logout button, and you'll have to reactivate your activation account in account settings.



ID	Name	Age	Degree	Birthday	Address	Number
ENACC1	Roman	20	Associate Degree in Nursing	May 25, 2001	Binangonan Rizal	09858574654
ENACC2	Traje	20	Bachelor of Science in Nursing	July 18, 2001	Binangonan Rizal	09767827273
ENACC3	Jusayan	21	Bachelor of Science in Nursing	April 13, 1999	Angono Rizal	09727231321
ENACC4	1	1	Bachelor of Science in Nursing	1	1	1

Figure 3 Account settings

(Create Button - Empty All Text box And Empty 1 Text box) If all of the text boxes in the Account Setting and click Create Button are empty, the input will not be created, as if one text box is also empty, and a message box will appear to notify the user.

(Create Button - Created And Cancel) If all of the text boxes in the Account Setting is filled and click Create Button the message box will pop in and ask if the user want to create or

(Clear Button - All Textbox is Empty / Clear And Cancel) If all of the text boxes in the Account Setting is empty it will not be cleared and if text is filled even other click Create Button the message box will pop in and ask if the user want to create or cancel then if the choose is cancel, no text boxes.



The screenshot displays the 'OB-GYN CLINIC INFORMATION MANAGEMENT SYSTEM' interface. On the left is a dark sidebar with icons for 'OB-GYN Clinic', 'Dashboard', 'Account Settings', 'Patients', and 'Inventory'. The main area has a teal header with the system name and an 'Exit' button. Below the header, there's a 'Patients' section with 'Add', 'Update', 'Clear', and 'Delete' buttons. A tabbed interface shows 'Patients Details' as the active tab, with other tabs for 'Monitoring List', 'Referral Letter', 'Patients Status', and 'Prescription'. The 'Patient Information...' section contains fields for Patient ID No., Name, Address, Date Of Birth, Postal Code, Age, Blood Pressure, Marital Status, Phone Number, Height, and Weight. The 'Pregnancy Details...' section includes fields for Last Date Of Menstruation, Age Of Gestation(Weeks), No# Of Pregnancy, Number Of Fetus, Estimated Date Of Conception, and Estimated Date Of Delivery. There are also text areas for 'Medical Condition Of Mother', 'Medical Condition Of Baby', and 'State Your Allergies'.

Figure 4 Patients Details

If the text box, Check box, Choose box is empty the program will not allow to proceed or to add/update the details. The program always checks if the information is correct before proceeding. In these tab we get the information of a patient starting with the patient information that contains the background of the patient's identity, next is pregnancy details here we get the information regarding her childbirth and what is the condition of the mother, next is the Medical Information here we asking about the background of her childbirth and what other possible information about her childbirth.



OB-GYN CLINIC INFORMATION MANAGEMENT SYSTEM

Exit

Patients: Add Update Clear Delete

Patients Details Monitoring List Referral Letter Patients Status Prescription

Count Patients Referral Patients

Print PDF Search ID

Patients Information

ID	Name	Age	Birthday	Number	Address	MaritalStatus	PostalCode	Height	Weight	BP
PATN01	Dana	21	December 12, 2000	09068574324	Taytay Rizal	Married	1920	5'4	167.6	118/80
PATN02	Patricia	20	May 25, 2001	09068554324	Angono Rizal	Widowed	1920	5'6	176.4	110/80
PATN03	Lesteria	20	July 18, 2001	09068574325	Binangonan Rizal	Single	1940	5	180.0	108/80

Patients Pregnancy Details

ID	LastDateofMenstruation	AgeofGestation	PregnancyNumber	FetusNumber	MedicalConditionofMother
PATN01	January 05, 2022	4	2	1	None

OB-GYN CLINIC INFORMATION MANAGEMENT SYSTEM

Exit

Medical Condition Of Mother

Medical Condition Of Baby

State Your Allergies

Medical Information...

Do you suffer from any of the pregnancy Related Conditions?

☐ Backache

☐ Morning Sickness

☐ Vaginal Bleeding

☐ Abdominal Pain

☐ Urination Issues

☐ None

Do you drink more than 4 caffeinated beverages a day? (Tea, Coffee, Soda, Energy Drinks)

Do you drink Alcohol?

Are you a Smoker?

Please Detail Another Condition

Current Medication

Is there any Other Information you would like the therapist to know?

Figure 4.1 Monitoring List

Here in the monitoring list tab we can check the information about patients and can be found based on the number of achievements. Can also update, delete selected information. We also have a selected button for the referral letter because sometimes a clinic can't handle a patient's other sensitive births. This part is connected to ms access which stores the data even if the system is closed.

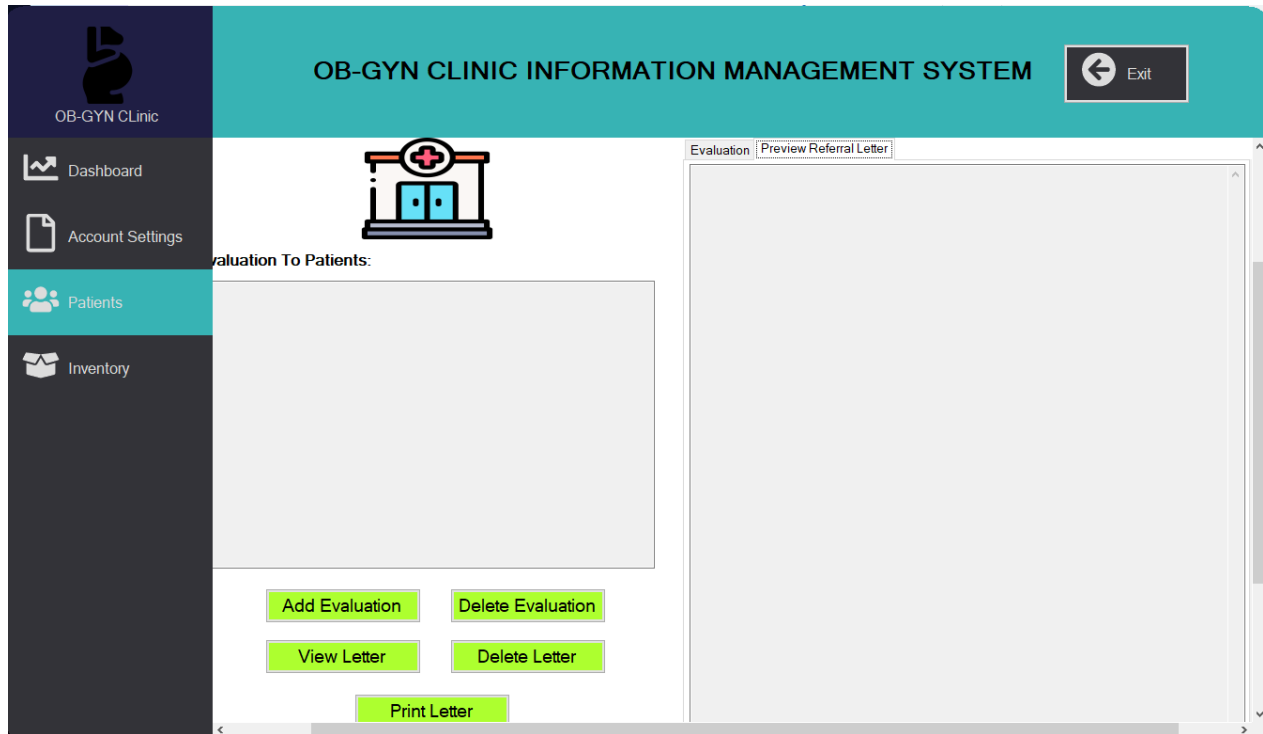


Figure 4.2 Referral letter

Here we will check if the referral of the selected patients is correct, you can clear and show the referral letter. The admin should add evaluation first before viewing the referral with as such the referral letter can not be viewed nor be printed.



OB-GYN CLINIC INFORMATION MANAGEMENT SYSTEM

OB-GYN CLinic

Dashboard

Account Settings

Patients

Inventory

Patients Details | Monitoring List | Referral Letter | Patients Status | Prescription

Patients Status

Patient Status:

Total Check Up:

Appointment Number:

Date to Return:

Schedule Time:

ID	Status	Name	AppointmentNumber	DateToReturn	ScheduleTime
PATN01	Active	Dana	1	April 21, 2022	7:30 AM
PATN02	Not Active	Patricia	2	April 21, 2022	9:00 AM
PATN03	Discharged	Lesteria	None	None	None

Figure 4.2 Patients Status

Here in this part the admin can check whether the patient has the appointment number and such. The user can also search for the specific patient. This part will also be needed if the patient needs a prescription. Just click the patients row and SELECT FOR PRESCRIPTION button.



The screenshot displays the 'OB-GYN CLINIC INFORMATION MANAGEMENT SYSTEM' interface. On the left is a dark sidebar with navigation links: 'OB-GYN CLinic' (with a pregnant woman icon), 'Dashboard' (with a bar chart icon), 'Account Settings' (with a document icon), 'Patients' (with a group of people icon), and 'Inventory' (with a box icon). The main header is teal and contains the system name and an 'Exit' button with a back arrow. The central area is titled 'Prescription' and features a medical icon (syringe, stethoscope, and pill bottle). Below the title are two large text input fields labeled 'Vitamins:' and 'Recommendation:'. At the bottom of this area are two green buttons: 'Create Rx' and 'Clear Rx View'. On the right side, there is a 'Prescription Preview' panel with a tabbed interface showing 'Prescription Rx' and 'Prescription Preview'. It contains two text input fields labeled 'Vitamins:' and 'Recommendation:'. Below these fields are two green buttons: 'View Prescription' and 'Clear Prescription'. At the bottom of the preview panel is a green button labeled 'Print Prescription'.

Figure 4.3 Prescription

In this part the user needs to input first the vitamins or meds needed and the recommendation to create the needed prescription after doing so the prescription can be printed and have as pdf or printed as hardcopy.



FIGURE 5.1 : Inventory Medicine List (Update Button)

Click the row you want to update and Click Update button and check if the all the text box or one of the text box is empty and it will not be updated to the list. If all text box filled the update button will ask if you want to update or cancel. Yes it will update in the grid view list and if not the text box is not cleared and it will not updated to grid view list.

(Clear Button)

Click Clear button and check if the all the text box is empty and it will not be cleared. If all text box filled or one text box fill the click clear button will ask if you want to clear the all the text box or not. Yes it will all text box and if not the text box is not cleared

(Delete Button) Click the row you want to delete and Click Delete button and check if the list is empty and it will not be deleted to the list. Click the row you want to delete and Click Delete button will ask if you want to delete or cancel or No. Yes it will deleted in the grid view list and if not the selected row is not delete.



**FIGURE 6.2 : Inventory Medical Equipment
(Add Button)**

Click Add button

and check if the all the text box or one of the text box is empty and it will not be added to the list. If all text box filled the add button will ask if you want to add or cancel. Yes it will add in the grid view list and if not the text box is not cleared and it will not added to grid view list.

(Update Button) Click the row you want to update and Click Update button and check if the all the text box or one of the text box is empty and it will not be updated to the list. If all text box filled the update button will ask if you want to update or cancel. Yes it will update in the grid view list and if not the text box is not cleared and it will not updated to grid view list.

(Clear Button) Click the Clear button and check if the all the text box is empty and it will not be cleared. If all text box filled or one text box fill the click clear button will ask if you want to clear the all the text box or not. Yes it will all text box and if not the.

(Delete Button) Click the row you want to delete and Click Delete button and check if the list is empty and it will not be deleted to the list. Click the row you



want to delete and Click Delete button will ask if you want to delete or cancel or No. Yes it will be deleted in the grid view list and if not the selected row is not deleted to grid view

