



SCHOOL OF **TECHNOLOGY**

SYSTEM PRESENTATION

**TITLE: ST. JOSEPH MISSION HOSPITAL-MIGORI PATIENTS  
RECORD MANAGEMENT SYSTEM**

**NAME:** MAGIGE DEJAN ROBI

**REG NO:** 20/04451

**PROJECT CODE:** BSD 2205

**COURSE:** Bsc. SOFTWARE DEVELOPMENT

# Introduction

St Joseph Hospital -Migor Patient Management System is a system that enables the hospital to record, keep track and retrieve patient records.

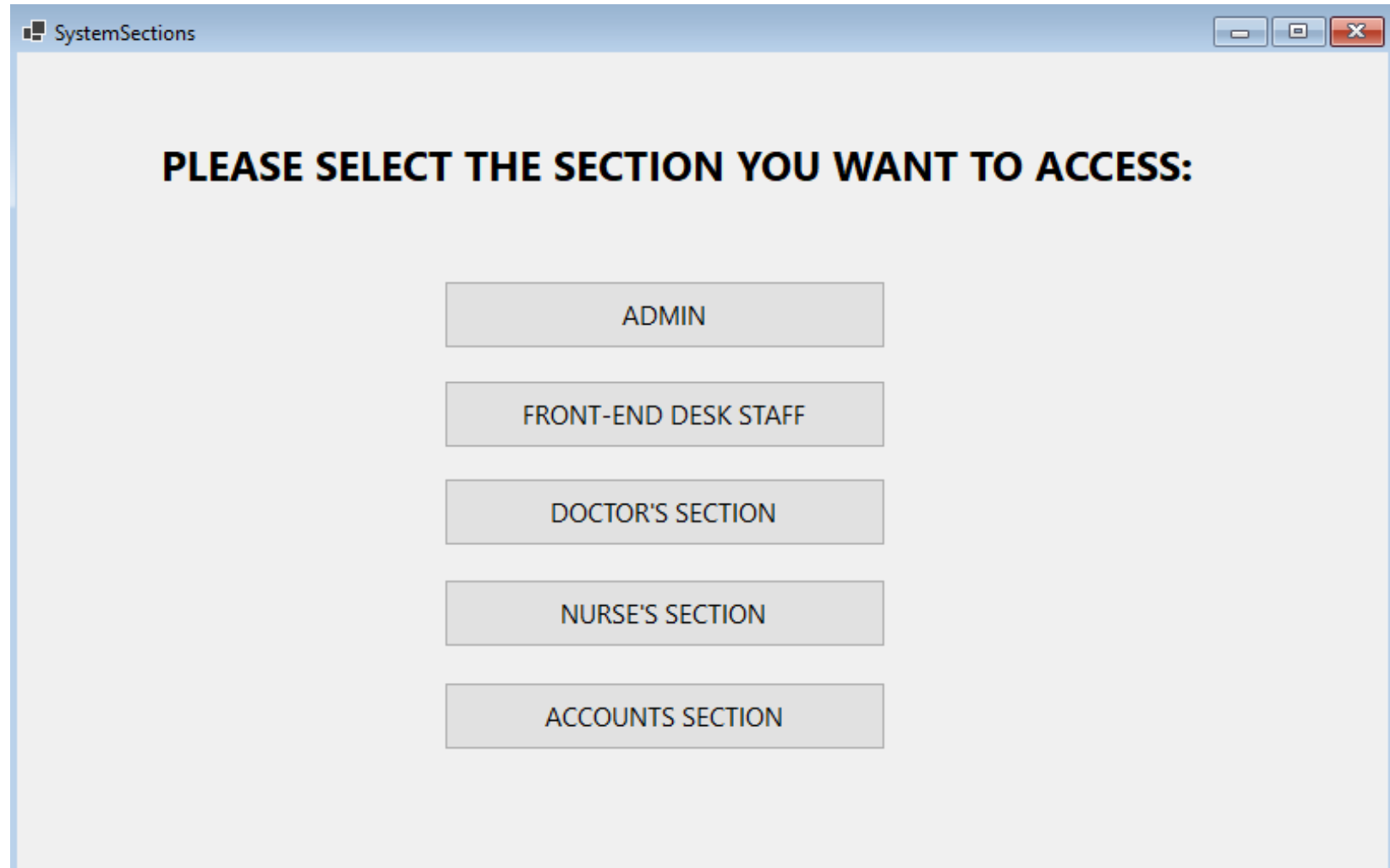
The System comprises of the following main sections:

- The Front - End Desk Staff Section
- The Admin Section
- The doctor's section
- The Nurse's section
- The Accounts section

# Opening the System

Whenever someone opens the system, they are asked to select the section they want to access e.g the admin section.

# System's Section

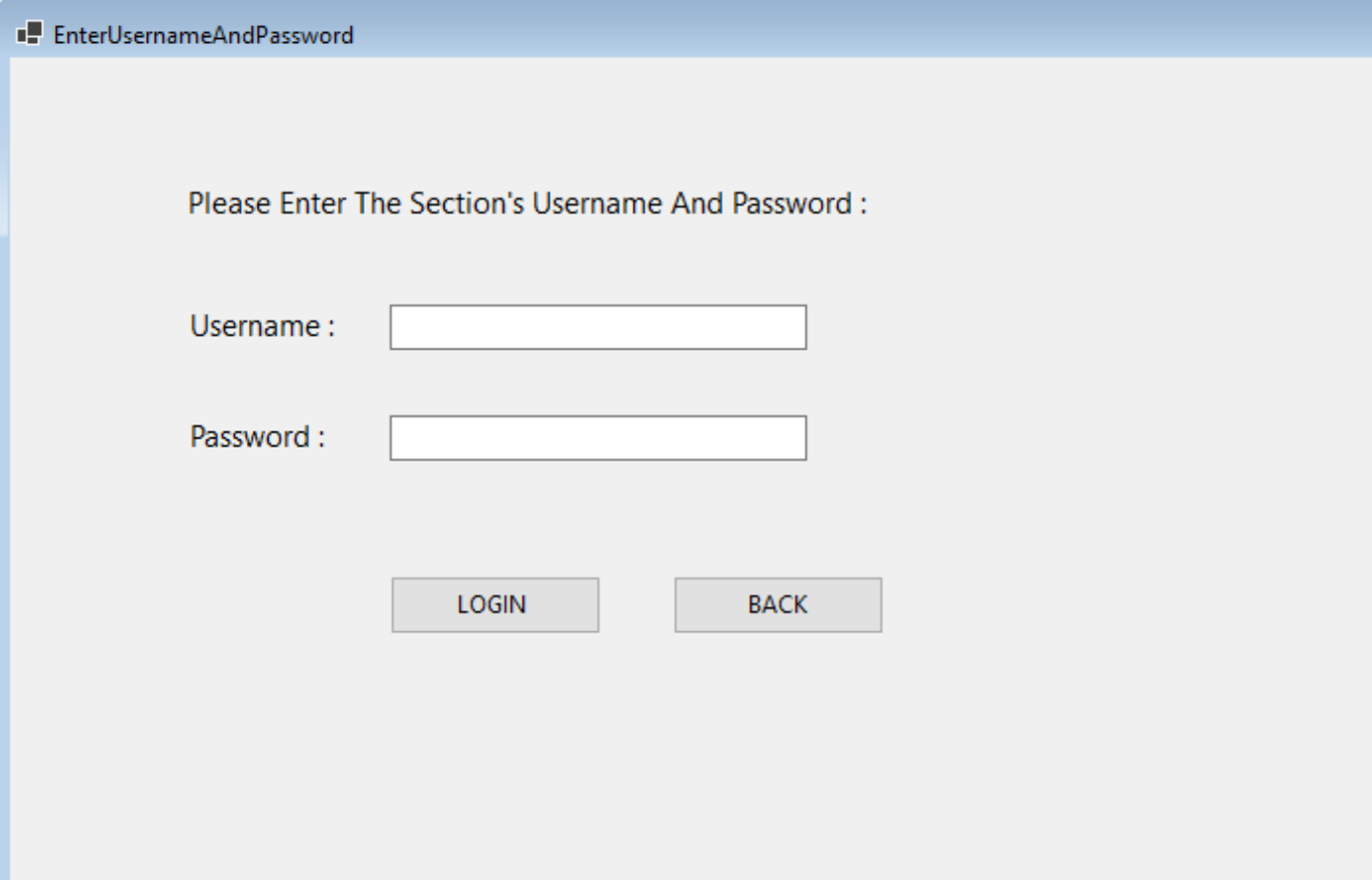


The screenshot shows a web application window with the title 'SystemSections'. The window has a light blue header bar with standard window controls (minimize, maximize, close) on the right. The main content area is light gray and contains the following text and buttons:

**PLEASE SELECT THE SECTION YOU WANT TO ACCESS:**

- ADMIN
- FRONT-END DESK STAFF
- DOCTOR'S SECTION
- NURSE'S SECTION
- ACCOUNTS SECTION

Each section is secured with a strong password. The user is prompted to enter a username and a password in order to access a particular section.



EnterUsernameAndPassword

Please Enter The Section's Username And Password :

Username :

Password :

LOGIN BACK

# Admin Section

The Admin is responsible for:

- Assigning patients with Doctor's and Nurses
- Assigning Emergency Cases
- Assigning Surgeries
- Checking out patients.

AdminSection

**PLEASE SELECT THE TASK THAT YOU WANT TO PERFORM**

ASSIGN DOCTOR'S/NURSES

ASSIGN EMERGENCY CASES

ASSIGN SURGERIES

CHECKOUT PATIENT

Admin Section



## **Assigning Patients With Doctors And Nurses**

The patients that are not assigned any doctor or nurse automatically appear in this section. The Admin Assigns them with the Doctor's and Nurse's ID which automatically allocates the patients with the Doctor and Nurse details

PATIENT ID : 3392

DOCTOR'S ID : 3373

FIRST NAME : Jane

NURSE'S ID : 37338

LAST NAME : Ngoiri

DATE : 2022-11-18

ALLOCATE PATIENT

RESET FORM

	patient_id	first_name	last_name	doctor_id	nurse_id	date_of_dn_alloc
▶	3392	Jane	Ngoiri			
	3783	Wegesa	Wankuru			
	29993	Chelimo	Martha			
	33773	Peter	Jones			
	43939	Jemimah	Willy			
*						

Allocate Patients with Doctors and Nurses

## **Front-End Desk Staff Section**

The Front-end Desk Staff are responsible for Registering New the patients into the System.

If a patient needs to update their details, the Staff searches for the patient using their ID and updates the details.

SEARCH PATIENT ID :

ID NO :

33773

GENDER :

MALE



UPDATE

FIRST NAME :

Peter

ADDRESS :

P.o Box 574

ADD RECORD

LAST NAME :

Jones

D . O . R :

2022-11-18



RESET

D . O . B :

2022-11-18



EXIT

DELETE

	patient_id	first_name	last_name	dob	gender	home_address	dor
▶	4747	Victor	Samos	11/18/2022	MALE	P.o Box 51	11/18/2022
	337773	Wickliffe Ouma	Wesa	11/18/2022	MALE	P.o Box 41	11/18/2022
	363738	Winston Churc...	James	11/18/2022	MALE	P.o Box 25	11/18/2022
	373783	Peterson Mnag...	Meza	11/18/2022	MALE	P.o Box 41	11/18/2022
	448383	James Ndi	Winston	11/18/2022	MALE	P.o Box 39	11/18/2022
*							

## Doctor's Section

The Doctor is responsible for:

- Examining the patient.
- Writing down their diagnosis
- Writing the treatment recommendation (the drugs and the process the patient has to go take)


The doctor searches for the patient using their id and obtains their details to write them their diagnosis and treatment recommendation

SEARCH BY ID :

PATIENT ID :

FIRST NAME :

LAST NAME :

DATE :  

DIAGNOSIS :

Malaria  
Tuberculosis  
HIV/AIDS  
Gonorrhoea

TREATMENT RECOMMENDATION :

Pialaxin  
Tb Drugs  
ARVs  
Gonorrhea Injecction

SUBMIT DIAGNOSIS

RESET FORM

	patient_id	first_name	last_name	date_of_diagnosis	diagnosis	treatment_recom
	3392	Jane	Ngoiri			
	3783	Wegesa	Wankuru			
▶	4747	Victor	Samos	11/18/2022	MalariaTubercl...	PialaxinTb Drug...
	29993	Chelimo	Martha			
	33773	Peter	Jones			

Writing the patient's Diagnosis and Treatment Recommendation

## Nurse's Section

The nurse performs the following tasks

- Assign Patients with Wards and Beds
- Recording Patient's progress

The nurse select the task that they want to perform then searches the patient using their ID in order to perform the task.

**PLEASE SELECT THE TASK THAT YOU WANT TO PERFORM**

ASSIGN WARDS/BEDS

RECORD PATIENT PROGRESS



# **Assigning Patients With Wards And Beds**

Only the patients that are not allocated beds and Wards are displayed in this section.

These patients are allocated the beds and wards by the Nurse who assigns them the Bed No and Ward No.

PATIENT'S ID :

WARD NO :

ALLOCATE PATIENT

FIRST NAME :

BED NO :

RESET FORM

LAST NAME :

	patient_id	first_name	last_name	ward_no	bed_no
▶	3392	Jane	Ngoiri		
	3783	Wegesa	Wankuru		
	29993	Chelimo	Martha		
	33773	Peter	Jones		
	43939	Jemimah	Willy		
*					
<					>

Bed And Ward Allocation

# Recording Patient's Progress

The nurse searches for the patient they are checking at the time using their ID and records the patient's progress.

SEARCH BY ID :

4747

PATIENT ID :

4747

PROGRESS :

The wounds have healed properly  
This is a sign of proper cell healing  
Will be desicharged within 2 DAYS

FIRST NAME :

Victor

LAST NAME :

Samos

DATE :

2022-11-18



SUBMIT PROGRESS

RESET FORM

	patient_id	first_name	last_name	date_of_progress	patient_progress
	3392	Jane	Ngoiri		
	3783	Wegesa	Wankuru		
▶	4747	Victor	Samos	11/18/2022	The wounds ha...
	29993	Chelimo	Martha		
	33773	Peter	Jones		
	43939	Jemimah	Willy		

Patient Progress

# The Accounts Section

The accountant is responsible for the allocation of the price of the services and treatment that the patient has received in the hospital. They will then record the patient's total amount and the amount paid.

The balance remaining will be calculated automatically.

AccountsForm

SEARCH PATIENT BY ID :

PATIENT ID :

FIRST NAME :

LAST NAME :

DATE :

SERVICES OFFERED :

TOTAL COST :

AMOUNT PAID :

BALANCE :

SUBMIT

RESET FORM

Accounts Form

**THE END**