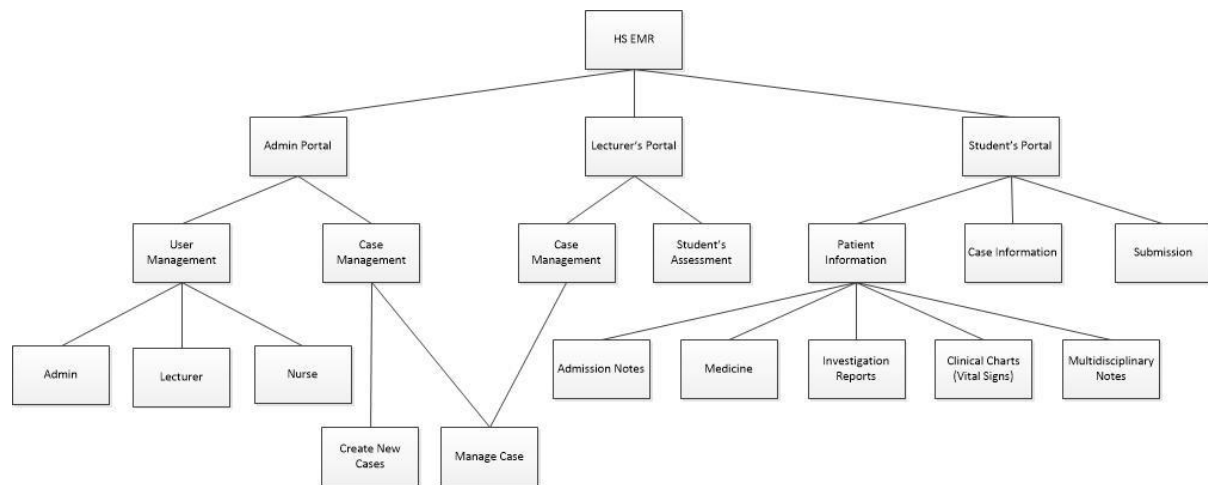


HS EMR UI Prototype (Low Fi)

Prepared by Gladys Khong Zhi Xuan, Jocelyn Ng, Khoo Hui Ping, Ngow Wei Yi, Tan Shi Qi

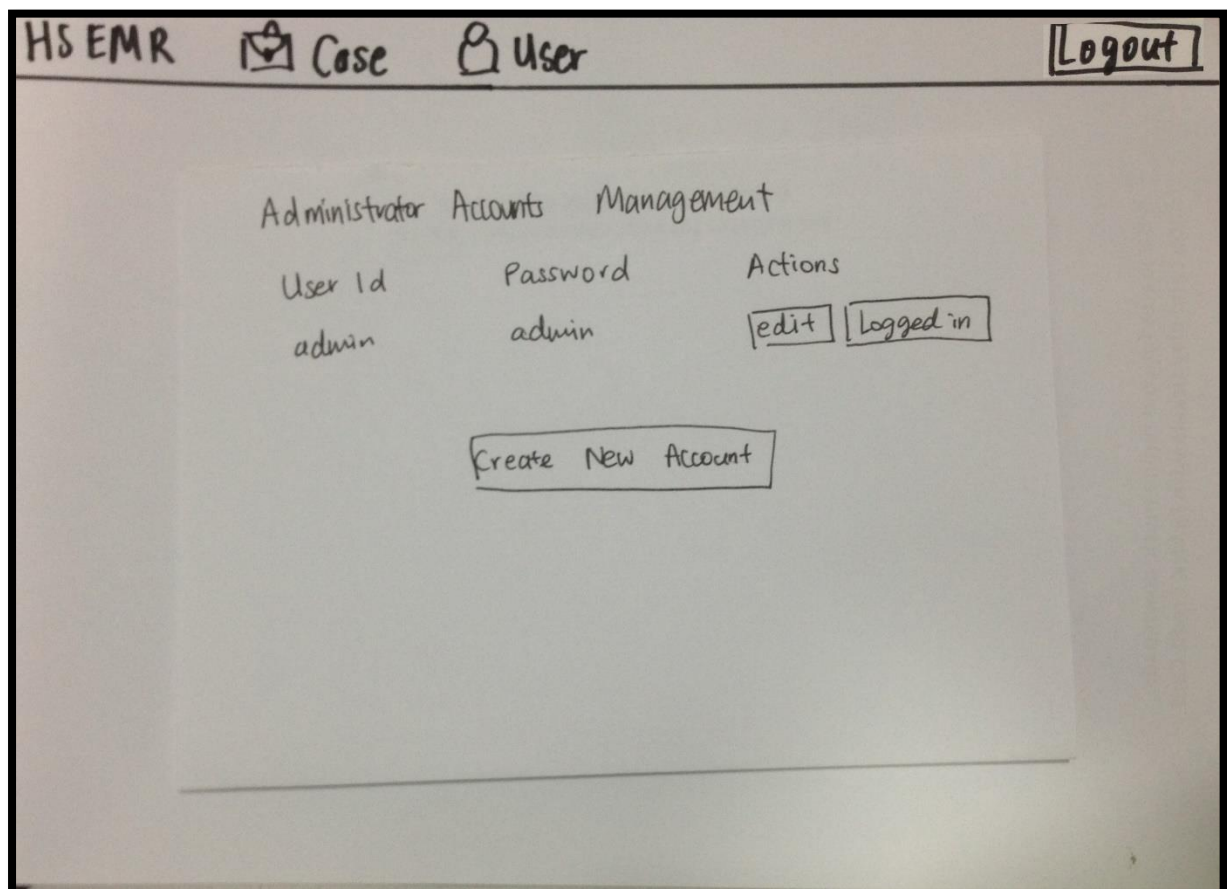
1 Navigation Diagram



2 Admin Portal

2.1 User Management

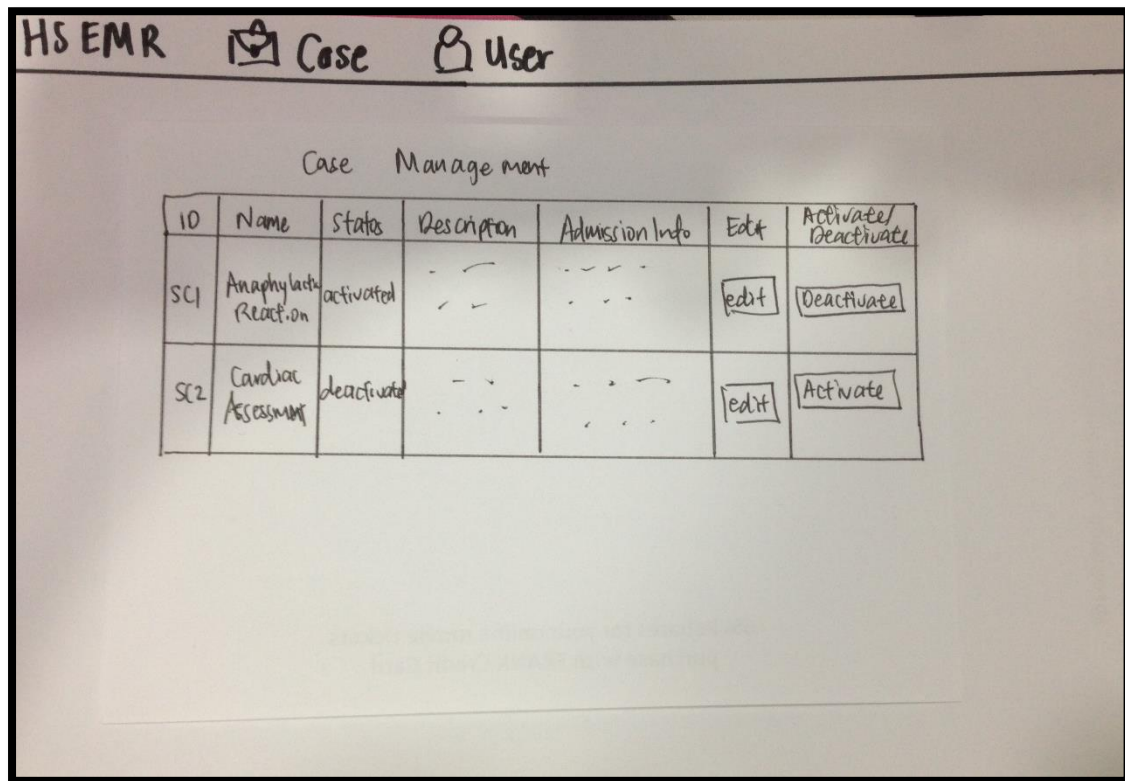
2.1.1 Administrator



This screen is similar for editing all user accounts (admin, lecturer, nurse)

2.2 Case Management

2.2.1 Manage Cases



2.2.2 Create New Case

The image shows a hand-drawn UI prototype for a 'Create New Case' screen. At the top, there is a navigation bar with the text 'HSEMR' on the left, a central menu with a home icon and the word 'Case', a user icon and the word 'User', and a 'Logout' button on the right. The main content area below the navigation bar contains a 'Case Setup' section with a 'Scenario Name' label and an empty text input field. Below this, there are three horizontal tabs labeled 'Case Information', 'Patient's Information', and 'Default Vital Signs'. At the bottom of the main content area, there is a button labeled 'Add New Scenario'.

Case Information, Patient Information and Default Vital Signs are similar to tabs, when clicked it will show the contents

This image shows the same hand-drawn UI prototype as above, but with the 'Case Information' tab selected. The 'Case Setup' section remains at the top. The 'Case Information' tab is active, displaying a 'Case Description' label with an empty text input field, an 'Admission Information' label with an empty text input field, and a 'Status' section with two radio buttons labeled 'Activate' and 'Deactivate'. The 'Patient's Information' and 'Default Vital Signs' tabs are visible below but not active. The 'Add New Scenario' button is still at the bottom.

Sample screen when Case Information is clicked

The image shows a hand-drawn UI prototype for a screen titled "Case Information". At the top, there is a header bar with "HSEMR" on the left, a navigation menu with "Case" (selected with a checkmark icon) and "User" (with a person icon), and a "Logout" button on the right. Below the header, the main content area is divided into sections. The first section is "Case Setup" with a "Scenario Name" input field. The second section is "Case Information" which contains "Patient's Information". This section includes fields for "Patient NRIC", "First Name", and "Last Name". Below these are "Gender" (with radio buttons for "M" and "F") and "DOB" (with an input field). The third section is "Default Vital Signs" with input fields for "Respiratory Rate", "Blood Pressure", and "Heart Rate". At the bottom, there is a button labeled "Add New Scenario".

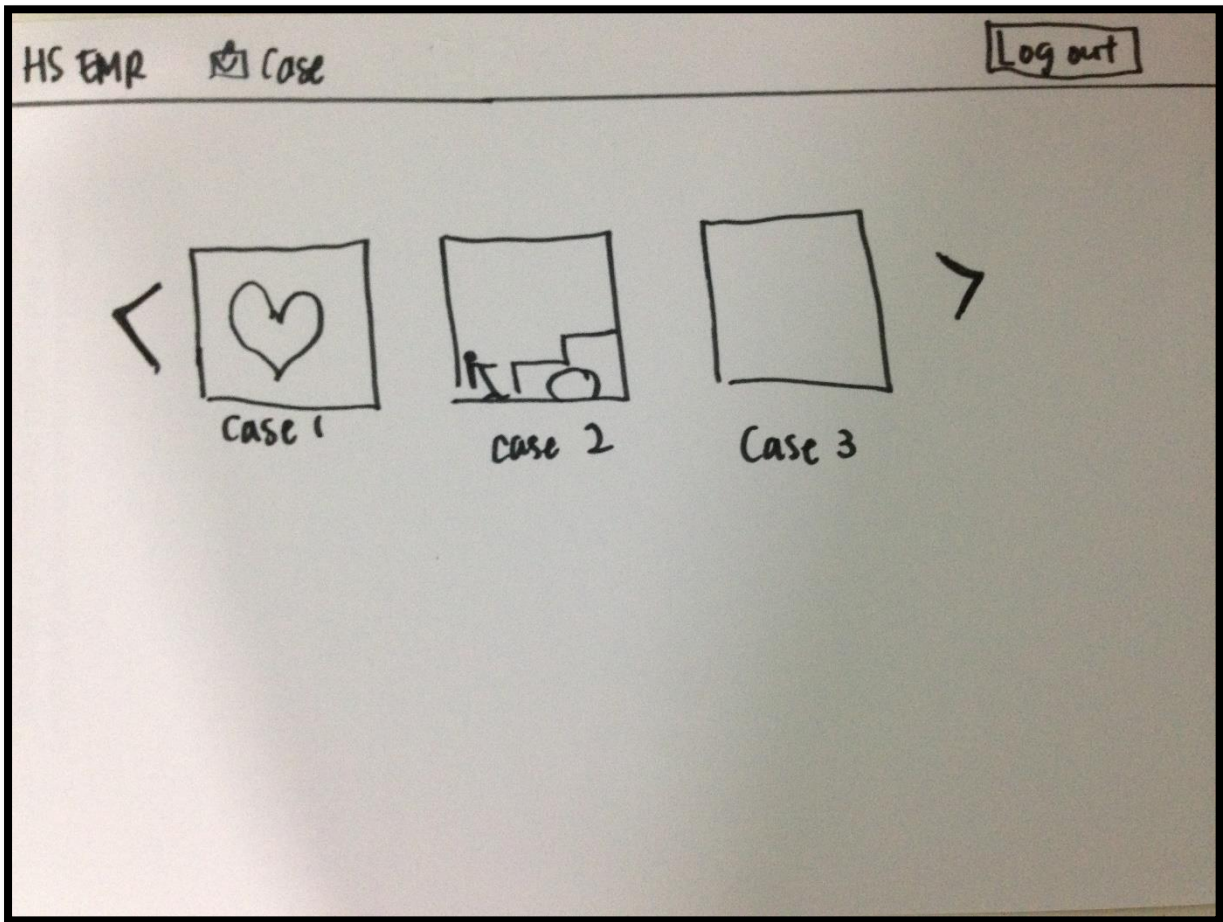
Sample screen when Patient Information is clicked

The image shows a hand-drawn UI prototype for a screen titled "Patient Information". The header bar is identical to the previous screen, with "HSEMR", "Case" (selected), "User", and "Logout". The main content area is divided into sections. The first section is "Case Setup" with a "Scenario Name" input field. The second section is "Case Information" which contains "Patient's Information". This section includes fields for "Patient NRIC", "First Name", and "Last Name". Below these are "Gender" (with radio buttons for "M" and "F") and "DOB" (with an input field). The third section is "Default Vital Signs" with input fields for "Respiratory Rate", "Blood Pressure", and "Heart Rate". At the bottom, there is a button labeled "Add New Scenario".

Sample screen when Default Vital Signs is clicked

3 Lecturer Portal

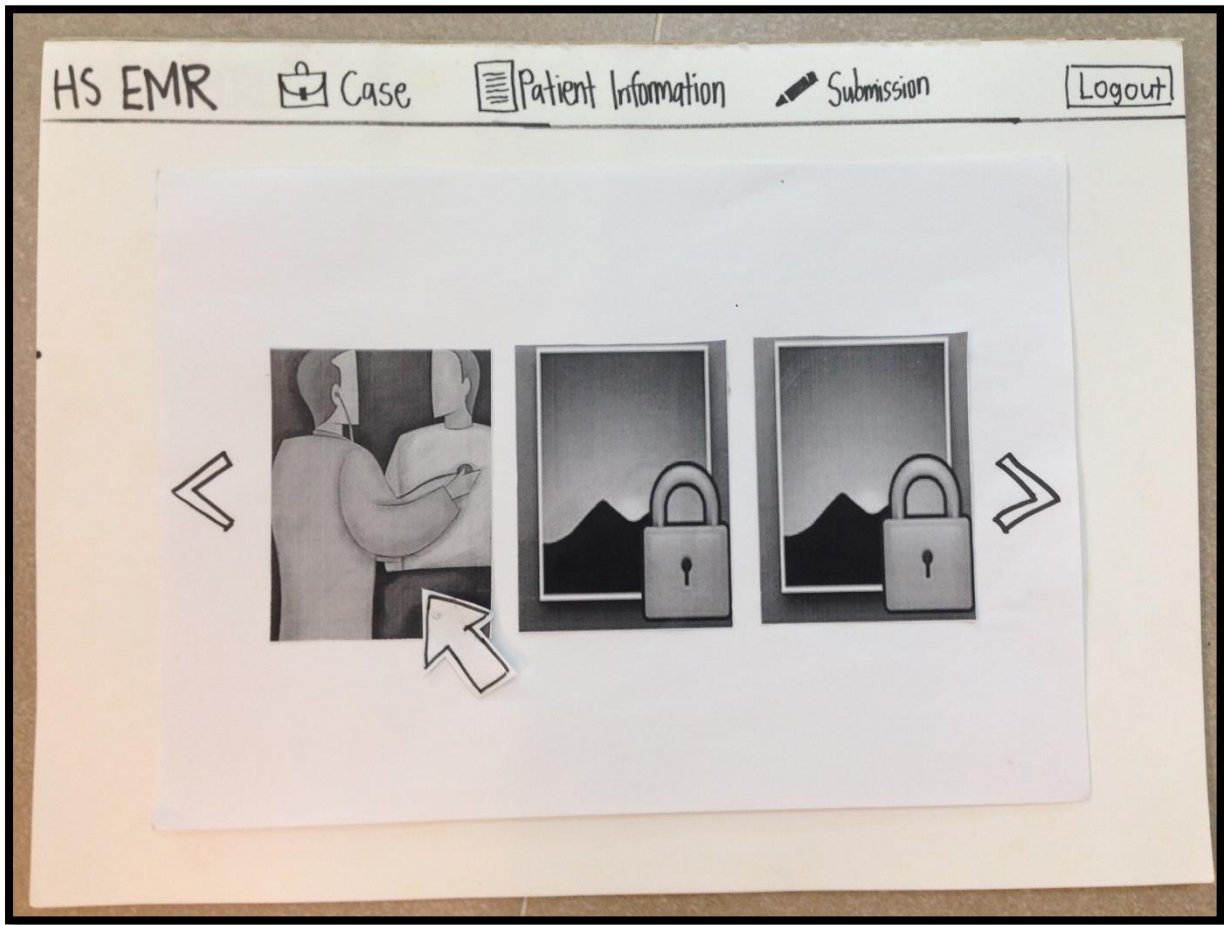
3.1 Manage Case

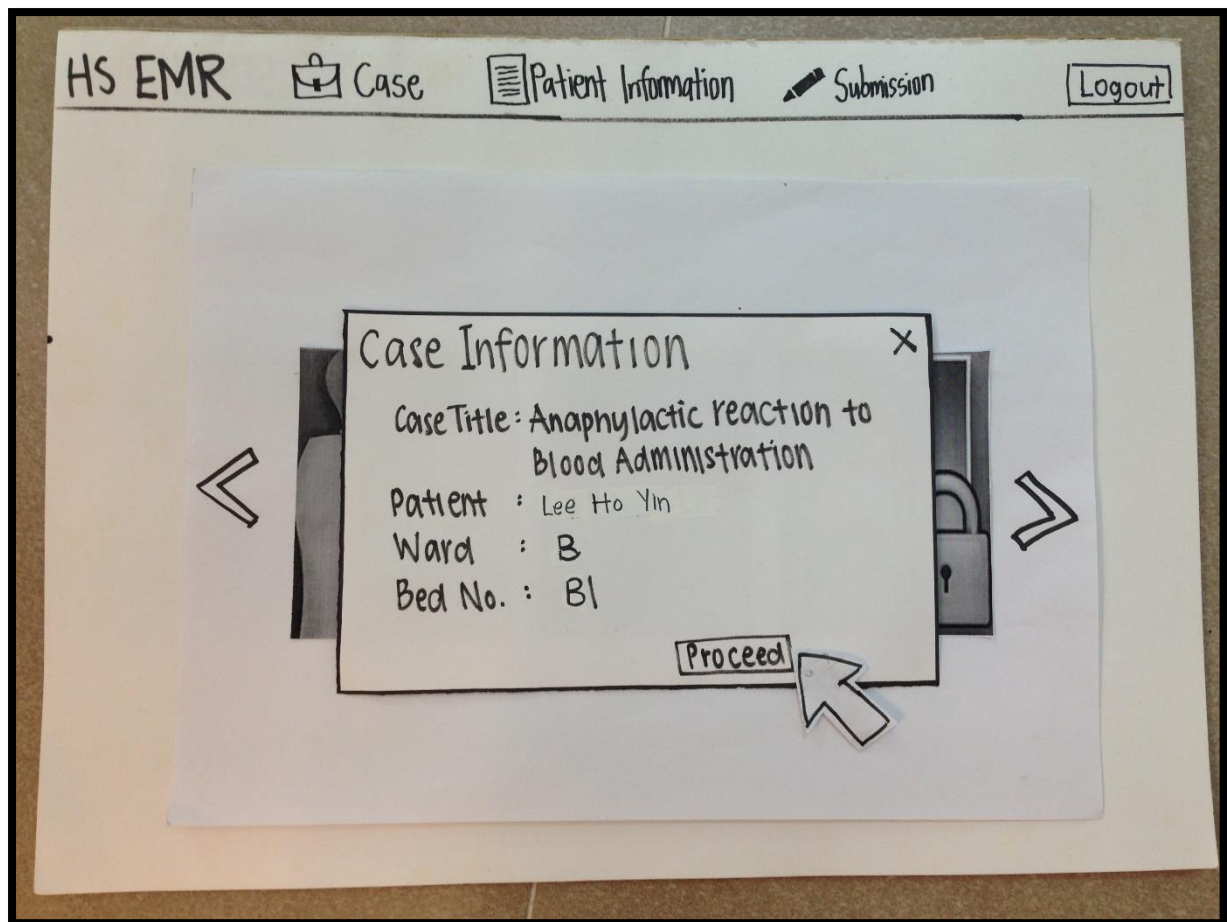


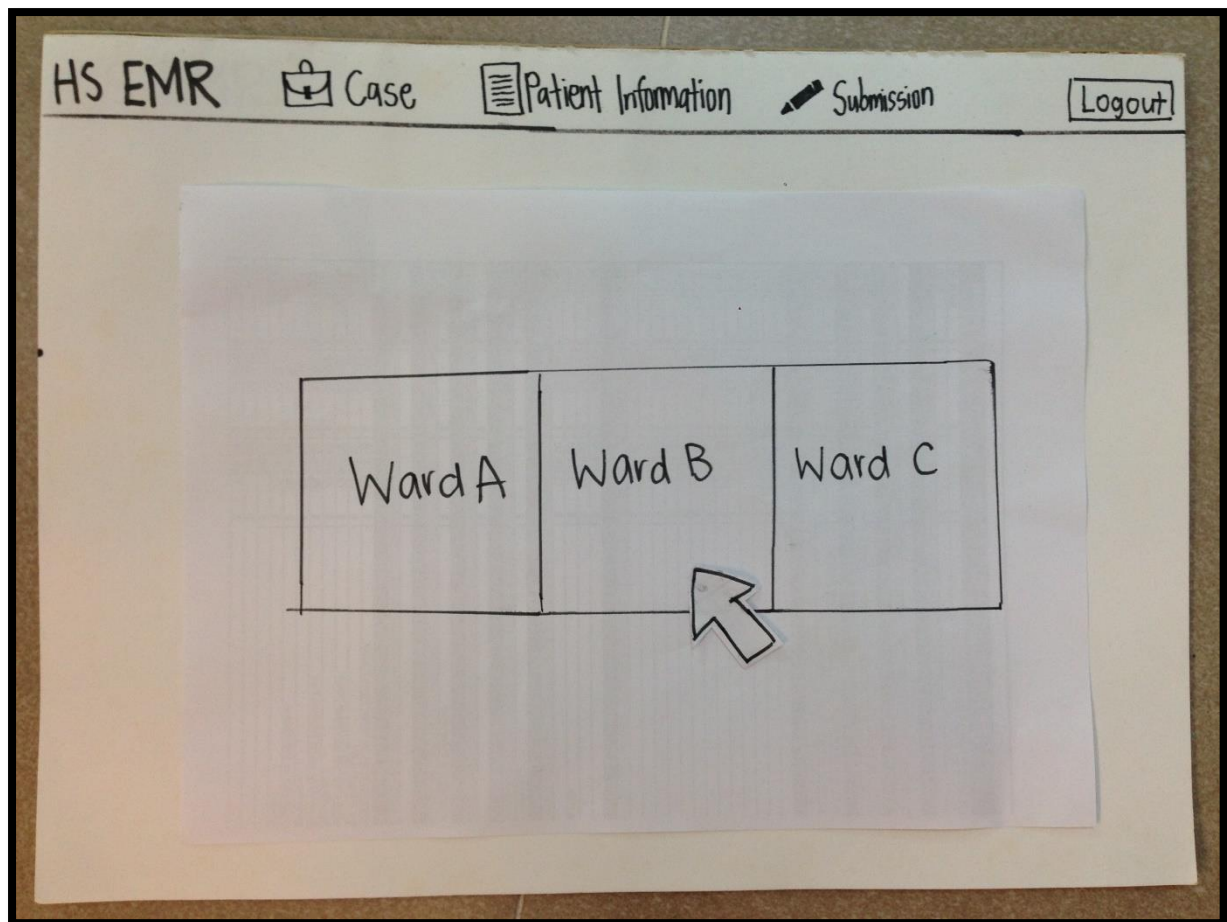
When clicked, lecturer will be able to view case's information via a popup

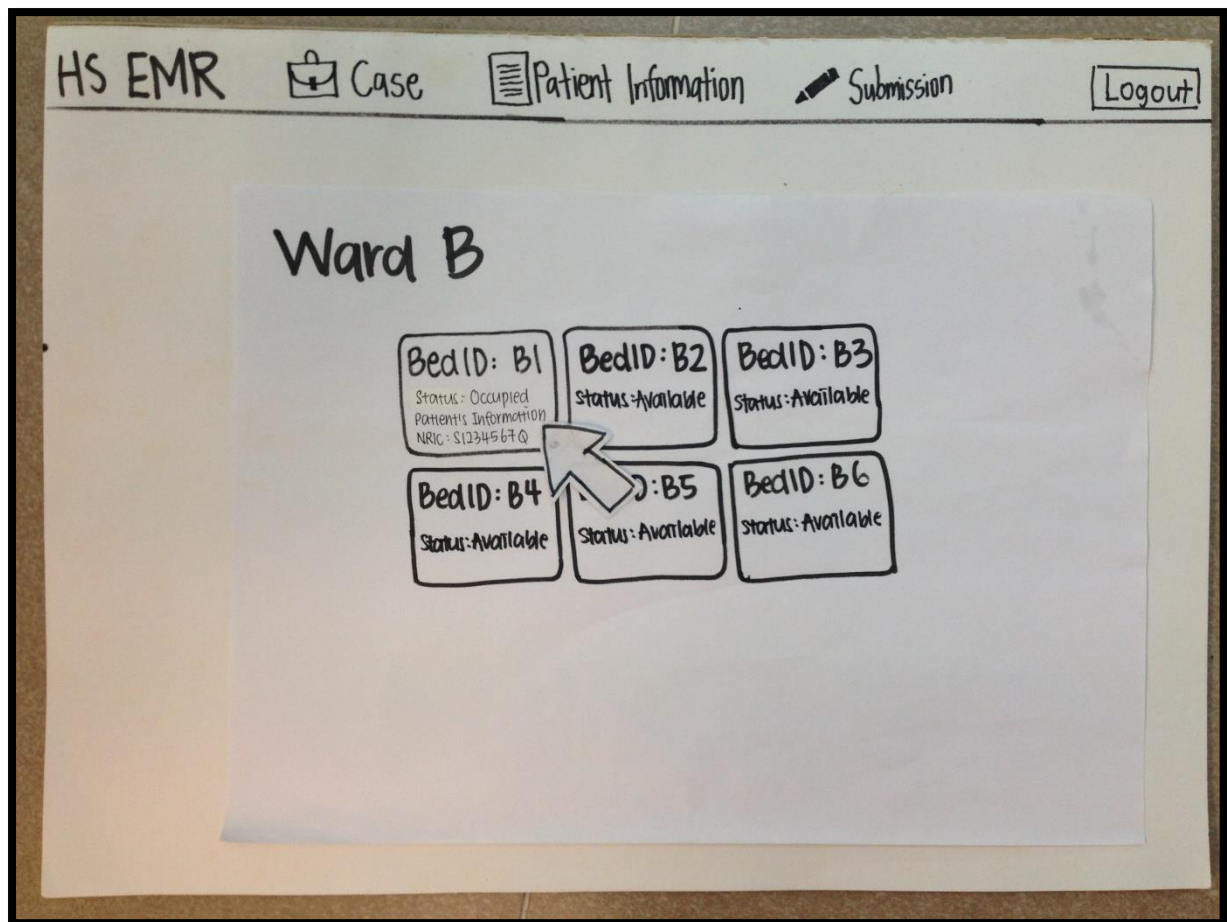
4 Student's Portal

4.1 Home Page









4.2 Patient's Information

4.2.1 Admission Notes

HS EMR

Case

Patient Information

Submission

Logout

Patient's Basic Information

Name: Lee Ho Yin

NRIC: S1234567Q

DOB: 10/10/1978

Gender: Male

Admission Notes

Report

Vital signs

Medication

A recently divorced, 46 year-old female, was admitted to the hospital for abdominal hysterectomy with bilateral due to large uterine fi broids. Over the years, she had increasing pain. She was advised to seek surgical intervention, she elected to wait due to personal issues. During the period of postponing, she required two outpatient blood transfusion. Her lab values included haemoglobin of 8.4nmI and haematocrit of 32%. Night nurse reports that patient slept earlier part of shift, but awake and complain of discomfort since 0430 hours.

4.2.2 Investigation Reports

HS EMR

Case

Patient Information

Submission

Logout

Patient's Basic Information

Name: Lee Ho Yin

NRIC: S1234567Q

DOB: 10/10/1978

Gender: Male

Admission Notes

Report

Vital Signs

Medication

Generate new report

☐ Heart Report
 ☐ ECG
 ☐ X-Ray

Generate

Report History

Name	Type	Date Generated
X-Ray Report	X-Ray	18-09-2014
Heart Report	Heart	15-09-2014

HS EMR

Case

Patient Information

Submission

Logout

Patient's Basic Information

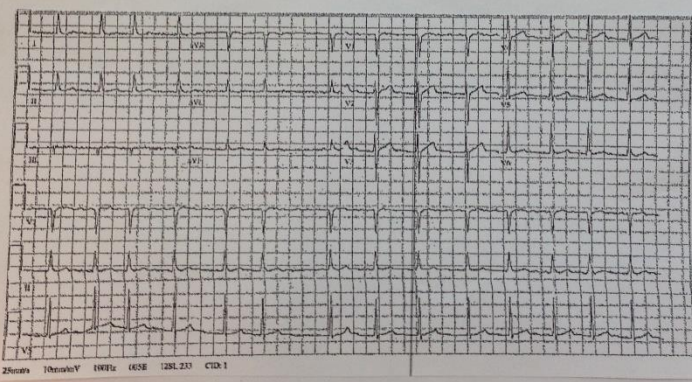
Name: Lee Ho YinNRIC: S1234567QDOB: 10/10/1978Gender: Male

AdmissionNotesReportvital signsMedication

Name: Lee Ho YinNRIC: S 1234567Q

Blk 648, Clementi Ave 4

#03-723 S 650648



4.2.3 Clinical Chart (Vital Signs)

HS EMR

Case

Patient Information

Submission

Logout

Patient's Basic Information

Name: Lee Ho Yin NRIC: S1234567Q DOB: 10/10/1978 Gender: Male

Admission
Notes

Report

Vital
signs

Medication

Vital Signs

	Last Updated	Current
Temperature <small>VIEW ENTRY</small> :	36.7	
Respiratory Rate:	20	
Heart Rate:	108	
Blood Pressure:	88/50	
SpO ₂ :	92% with O ₂	
Intake:		
Output:	50	

Update Vitals

HS EMR

Case

Patient Information

Submission

Logout

Patient's Basic Information

Name: Lee Ho Yin

NRIC: S1234567Q

DOB: 10/10/1978

Gender: Male

Admission Notes

Report

Vital signs

Medication

Vital Signs

	Last Updated	Current
Temperature		
Respiratory		
Heart Rate		
Blood Pressure		
SpO ₂		
Intake:		
Output:	50	

You have updated successfully.

OK

Update Vitals

4.2.4 Medication

HS EMR

Case

Patient Information

Submission

Logout

Patient's Basic Information

Name: Lee Ho Yin

NRIC: S1234567Q

DOB: 10/10/1978

Gender: Male

Admission Notes

Report

Vital signs

Medication

Patient Barcode

S1234567Q

Medication

Medicine Barcode	Medication Name	Route	Dosage	Frequency	Doctor Name
M142	Epinephrine	P.O	200ml	Q.AM	James
M123	Chlobax	P.O	1 tablet	BD	James

Administer

HS EMR

Case

Patient Information

Submission

Logout

Admission Notes

Report

Vital signs

Medication

Patient Barcode

S9843215B

Medication

Medicine Barcode	Medication N	Dose	Dose	Frequency	Doctor Name
N321	Epine			AM	James
N183	Chl			D	James

OK

Administer

4.2.5 Multidisciplinary Notes

The image shows a hand-drawn low-fidelity UI prototype for an HS EMR system. The top navigation bar includes the title "HS EMR" and four menu items: "Case" (with a briefcase icon), "Patient Information" (with a document icon), "Submission" (with a pencil icon), and "Logout" (in a box). A white arrow points to the "Submission" menu item. Below the navigation bar, the main content area is titled "Submission". It contains two labels: "Name(s):" followed by a single-line text input field, and "Multi-disciplinary notes:" followed by a large rectangular text area. At the bottom right of the form, there are two buttons labeled "Submit" and "Cancel".

HS EMR Case Patient Information Submission Logout

Submission

Name(s):

Multi-disciplinary notes:

Patient condition has ---

Administered ---

