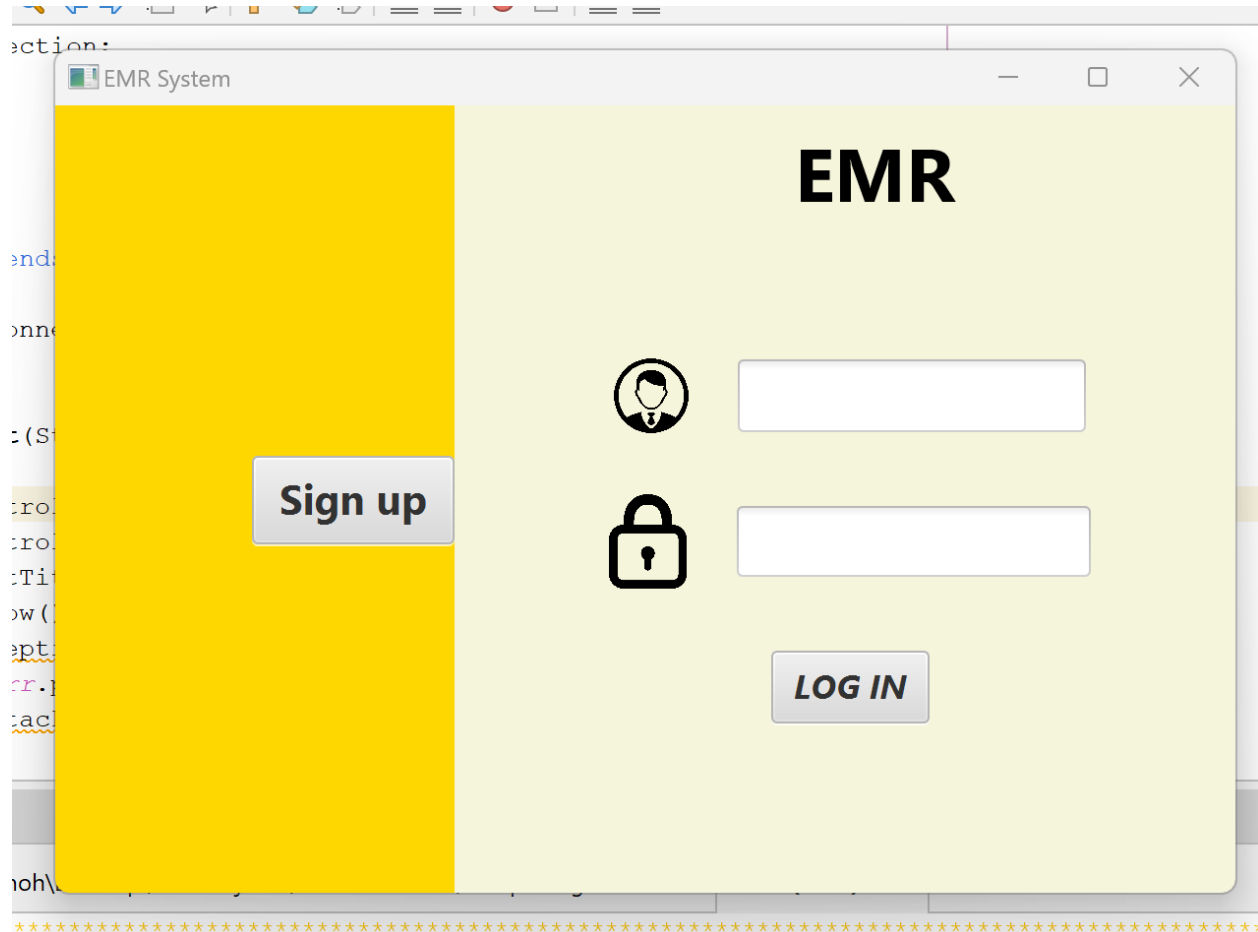


# Electronic Medical Records System

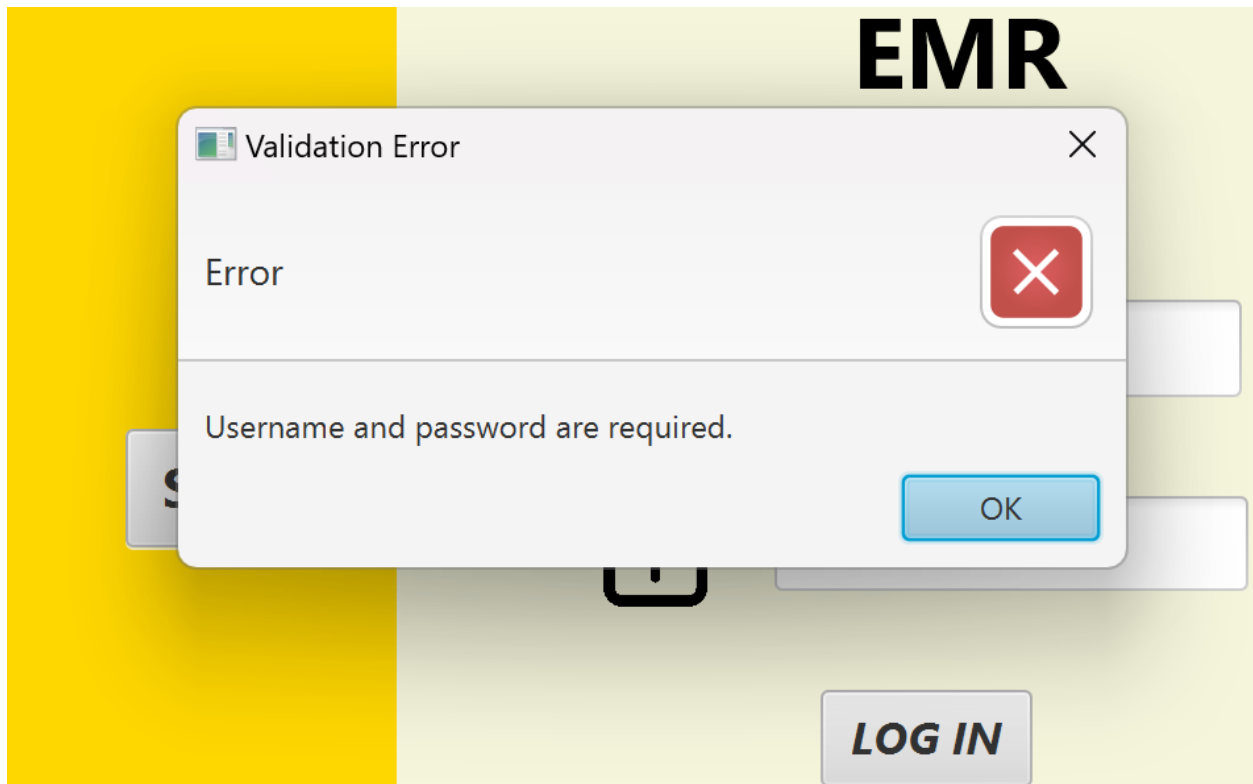
By: Ghouse, Nathaniel & Karen

## 1. Login Page

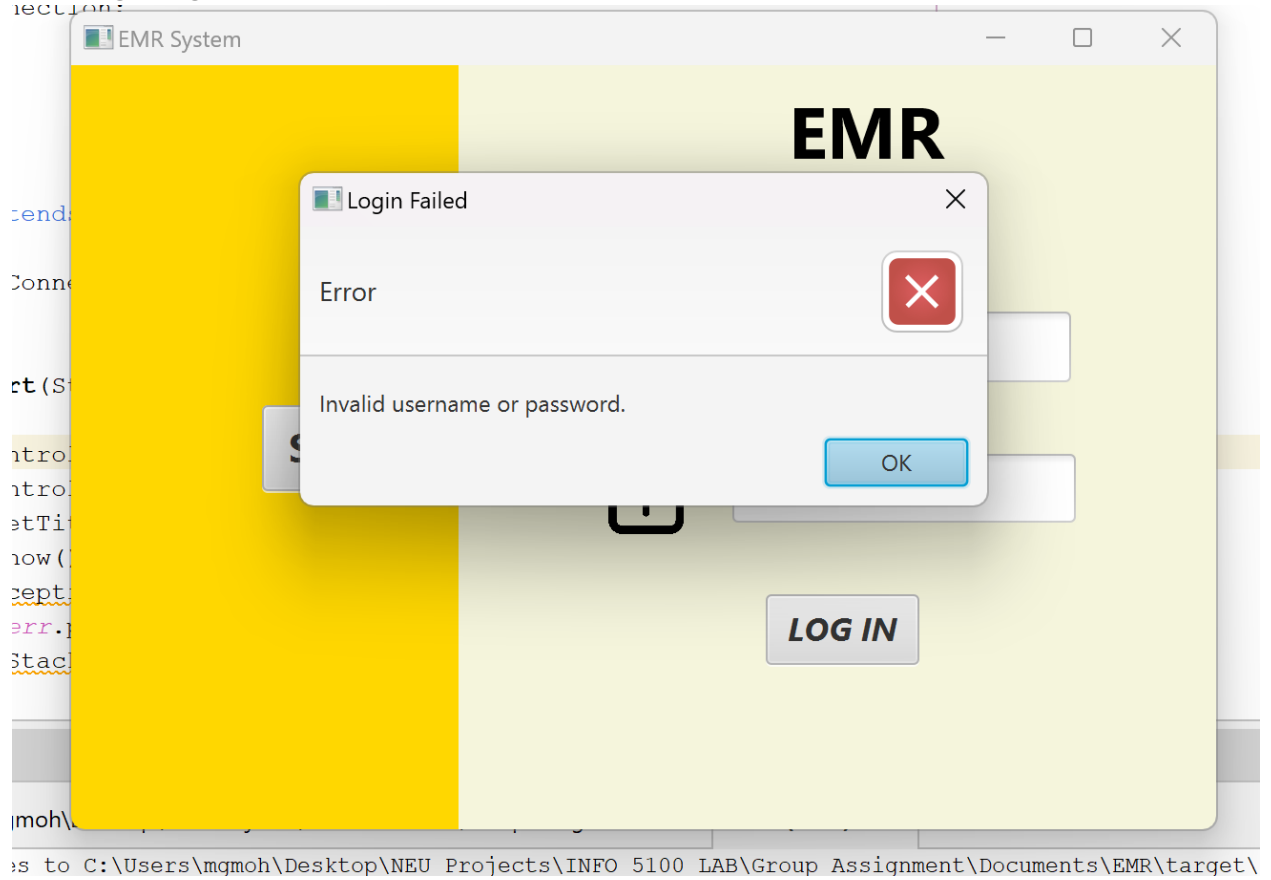


The screenshot displays a web browser window titled "EMR System". The login page has a light yellow background. On the left, there is a vertical yellow bar containing a grey button labeled "Sign up". The main content area on the right features the title "EMR" in large, bold, black letters. Below the title, there are two input fields: the first is preceded by a user icon, and the second by a padlock icon. A grey button labeled "LOG IN" is positioned below the second input field. The browser's address bar shows a URL starting with "http://localhost:3000/".

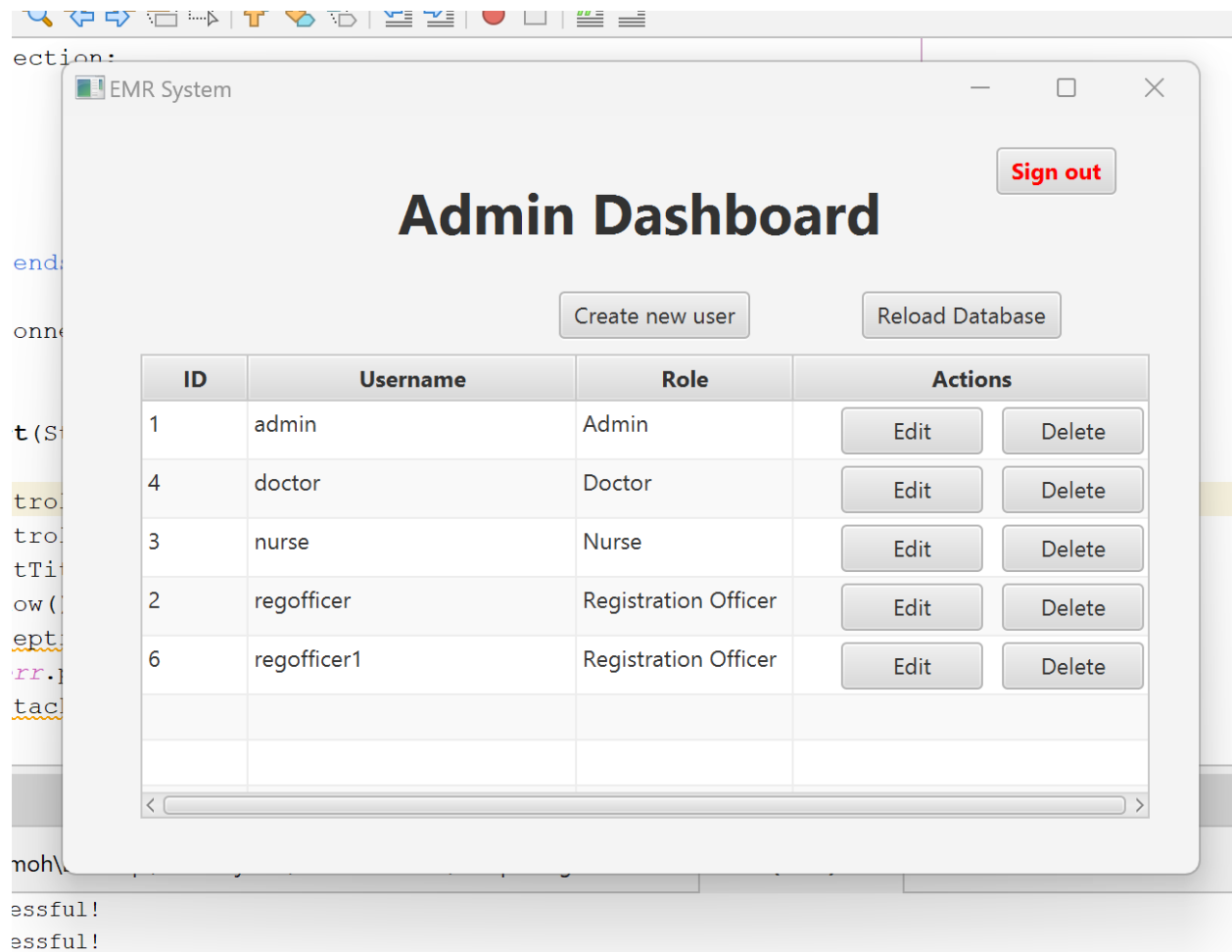
## 1.1 Login Page Validation



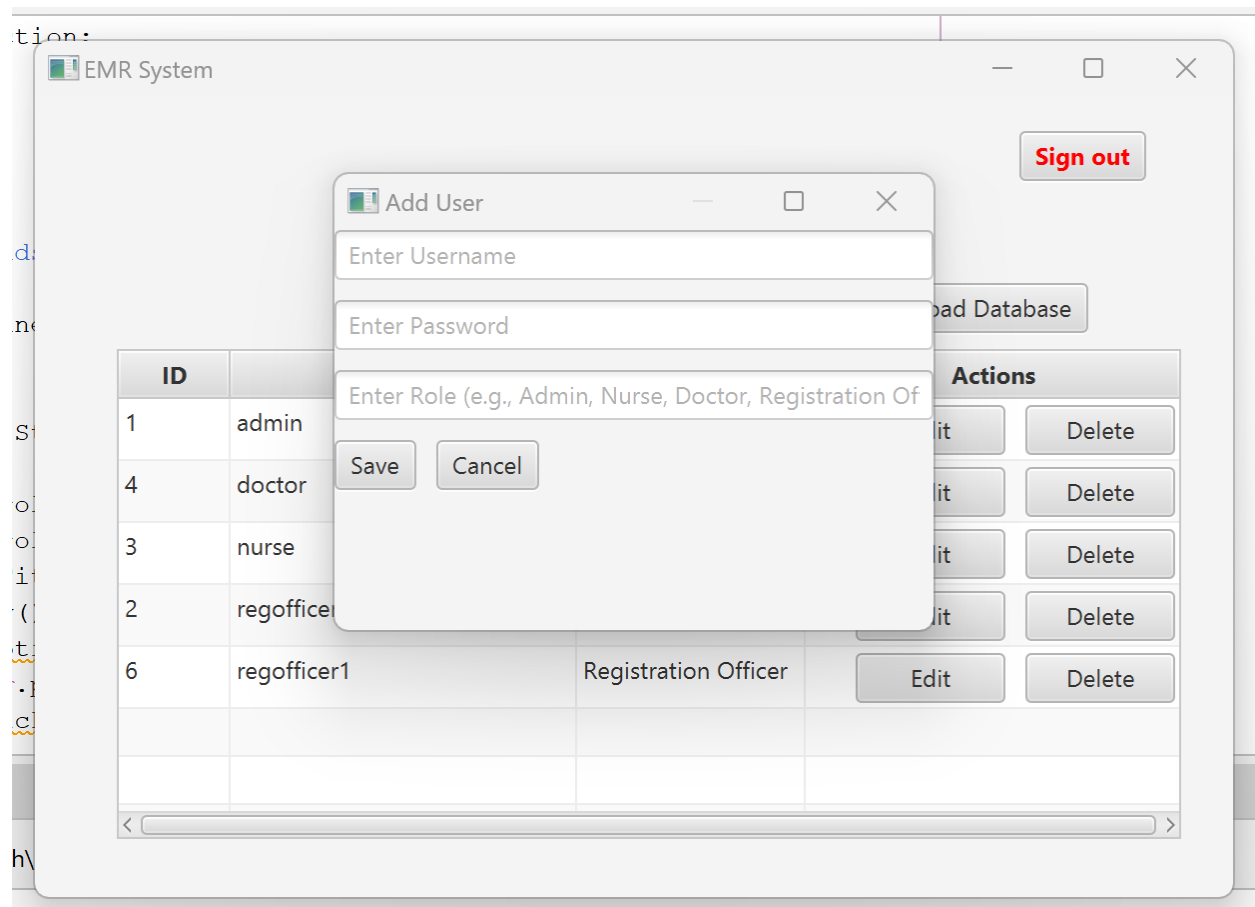
### 1.1.1 Login Page Validation



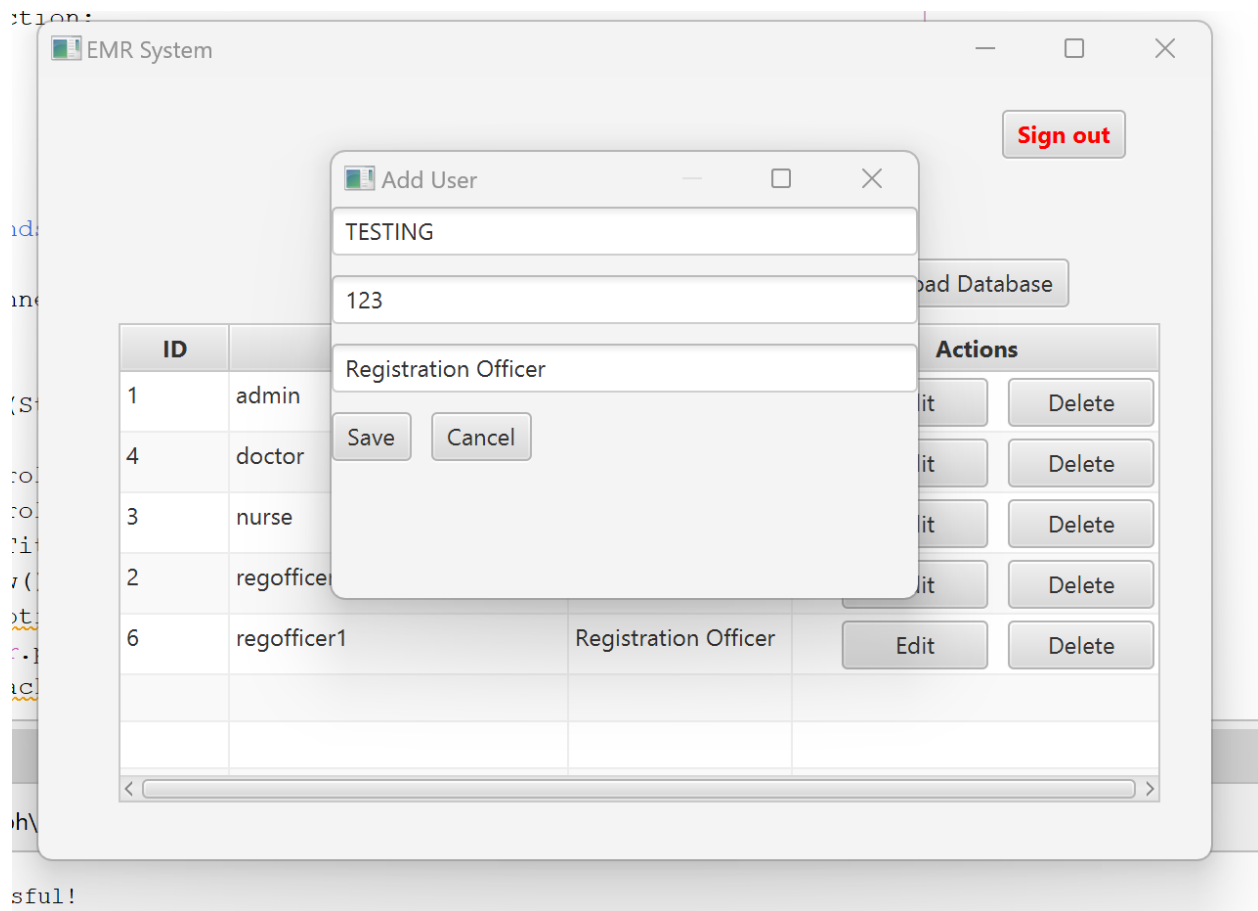
## 2. Admin Dashboard



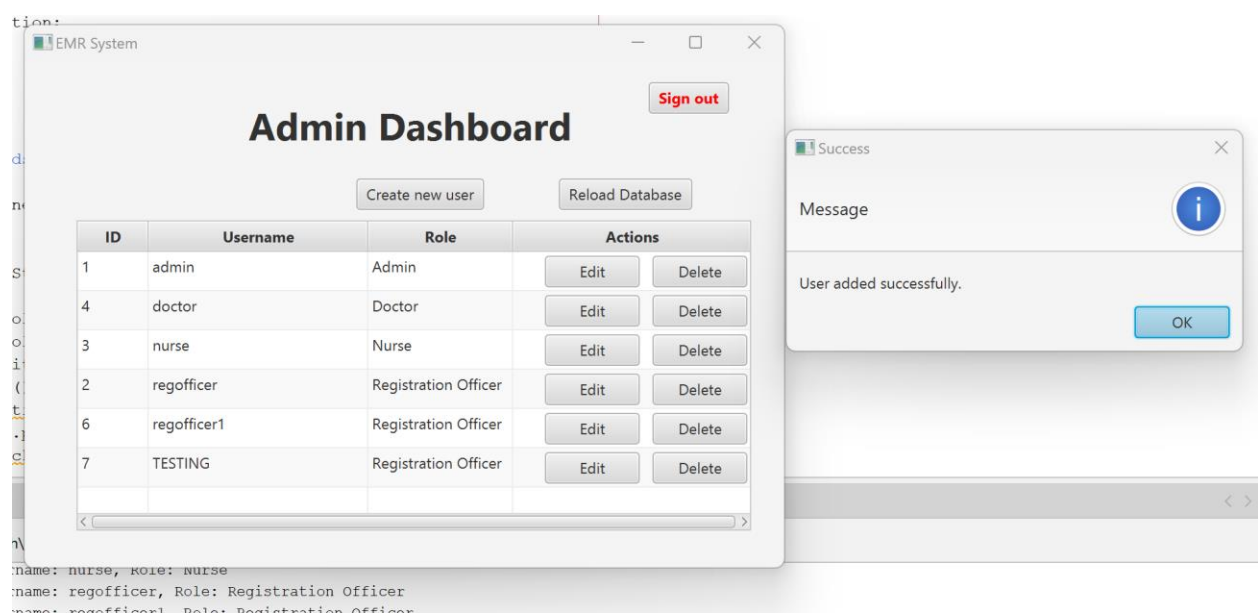
## 2.1 Admin can create users(Only Admin can create Admin)



### 2.1.1 Admin creating Users example



### 2.1.2 Admin successfully created User



2.1.3 User added to Database upon creation by admin

Result Grid					
		Filter Rows:		Edit:	
	id	username	password	role_id	created_at
▶	1	admin	admin	1	2024-12-08 22:25:55
	2	regofficer	123	2	2024-12-08 22:26:25
	3	nurse	123	3	2024-12-08 22:27:17
	4	doctor	123	4	2024-12-08 22:31:23
	6	regofficer1	111	2	2024-12-10 23:52:42
	7	TESTING	123	2	2024-12-11 01:36:09
*	NULL	NULL	NULL	NULL	NULL

2.2 Admin can edit or delete users

EMR System

Sign out

Load Database

ID			Actions
1	admin		<div>EditDelete</div>
4	doctor		<div>EditDelete</div>
3	nurse		<div>EditDelete</div>
2	regofficer		<div>EditDelete</div>
6	regofficer1	Registration Officer	<div>EditDelete</div>
7	TESTING	Registration Officer	<div>EditDelete</div>

Username: regofficer1, Role: Registration Officer

admin

Successful!

Edit User

TESTING(EDITED)

Registration Officer

SaveCancel

2.2.1 Admin successfully edited User’s details

EMR System

Admin Dashboard

Sign out

Success

Message

User updated successfully.

OK

ID			
1	adm		
4	doc		
3	nur		
2	regofficer	Registration Officer	Edit Delete
6	regofficer1	Registration Officer	Edit Delete
7	TESTING(EDITED)	Registration Officer	Edit Delete

username: nurse, Role: Nurse

username: regofficer, Role: Registration Officer

username: regofficer1, Role: Registration Officer

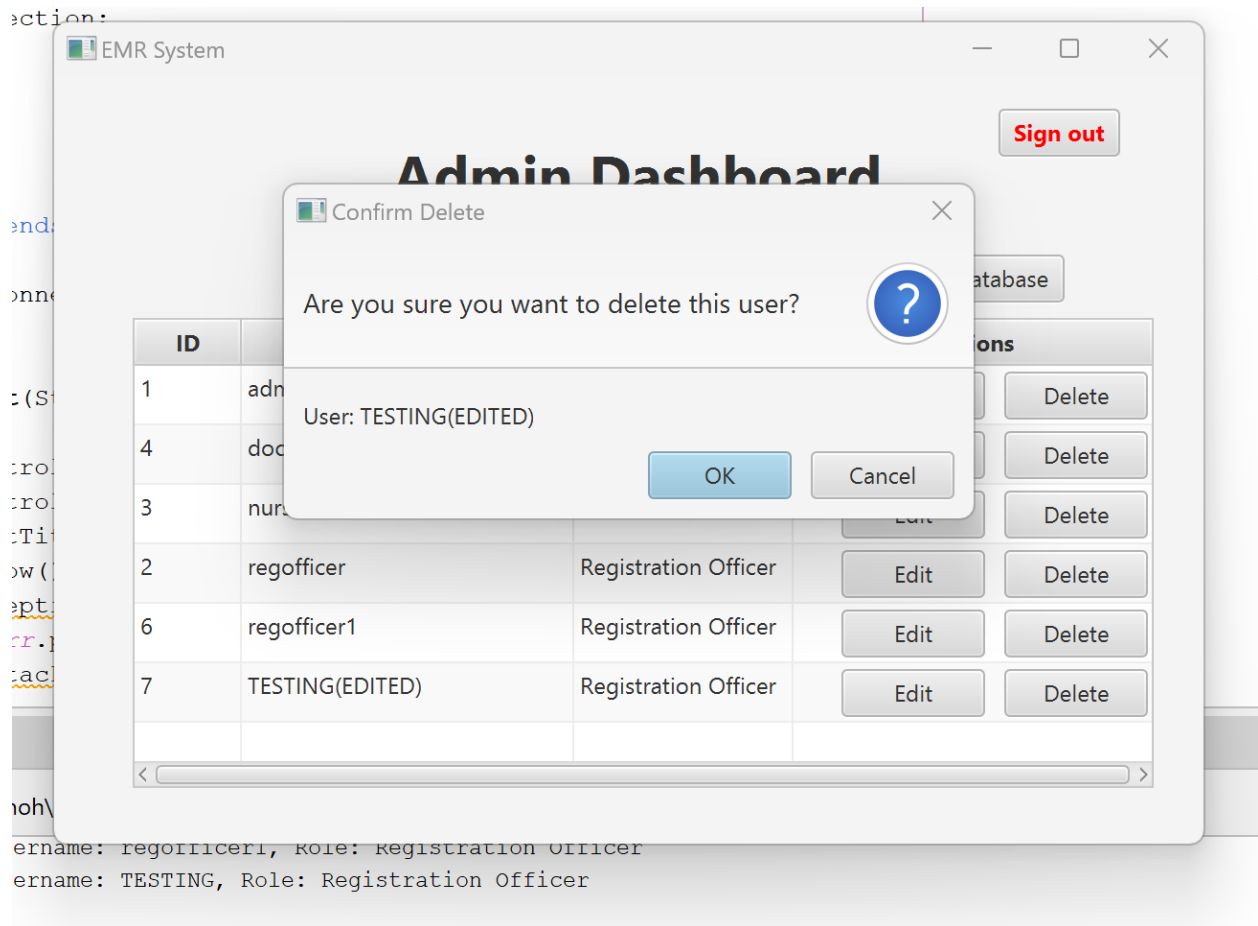
username: TESTING, Role: Registration Officer

2.2.2 After admin edits user, it is updated on the Database.

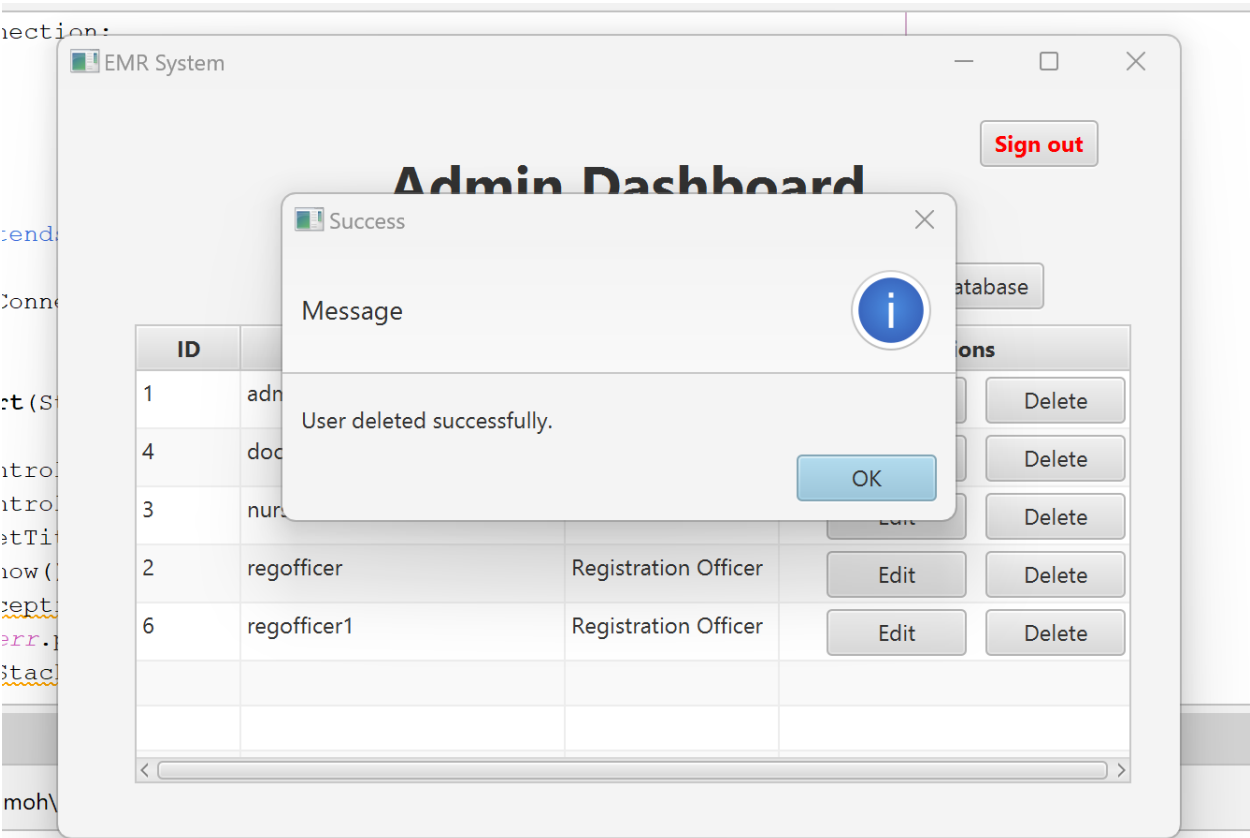
Result Grid					
Filter Rows:					
	id	username	password	role_id	created_at
	1	admin	admin	1	2024-12-08 22:25:55
	2	regofficer	123	2	2024-12-08 22:26:25
	3	nurse	123	3	2024-12-08 22:27:17
	4	doctor	123	4	2024-12-08 22:31:23
	6	regofficer1	111	2	2024-12-10 23:52:42
	7	TESTING(EDITED)	123	2	2024-12-11 01:36:09
	NULL	NULL	NULL	NULL	NULL



## 2.3 Admin can delete users



2.3.1 After Admin deletes User, confirmation dialog appears.



Successful!  
..

2.3.2 After Admin deletes User, Database is updated.

Result Grid					
Filter Rows:					
Edit:					
	id	username	password	role_id	created_at
▶	1	admin	admin	1	2024-12-08 22:25:55
	2	regofficer	123	2	2024-12-08 22:26:25
	3	nurse	123	3	2024-12-08 22:27:17
	4	doctor	123	4	2024-12-08 22:31:23
	6	regofficer1	111	2	2024-12-10 23:52:42
*	NULL	NULL	NULL	NULL	NULL

### 3.Registration Officer Dashboard(Patient Registration)

[illegible]

[illegible][illegible]

[illegible][illegible]

[illegible][illegible]



#### 4.1 Dynamic search to select Patient

```
Database connection successful!
```



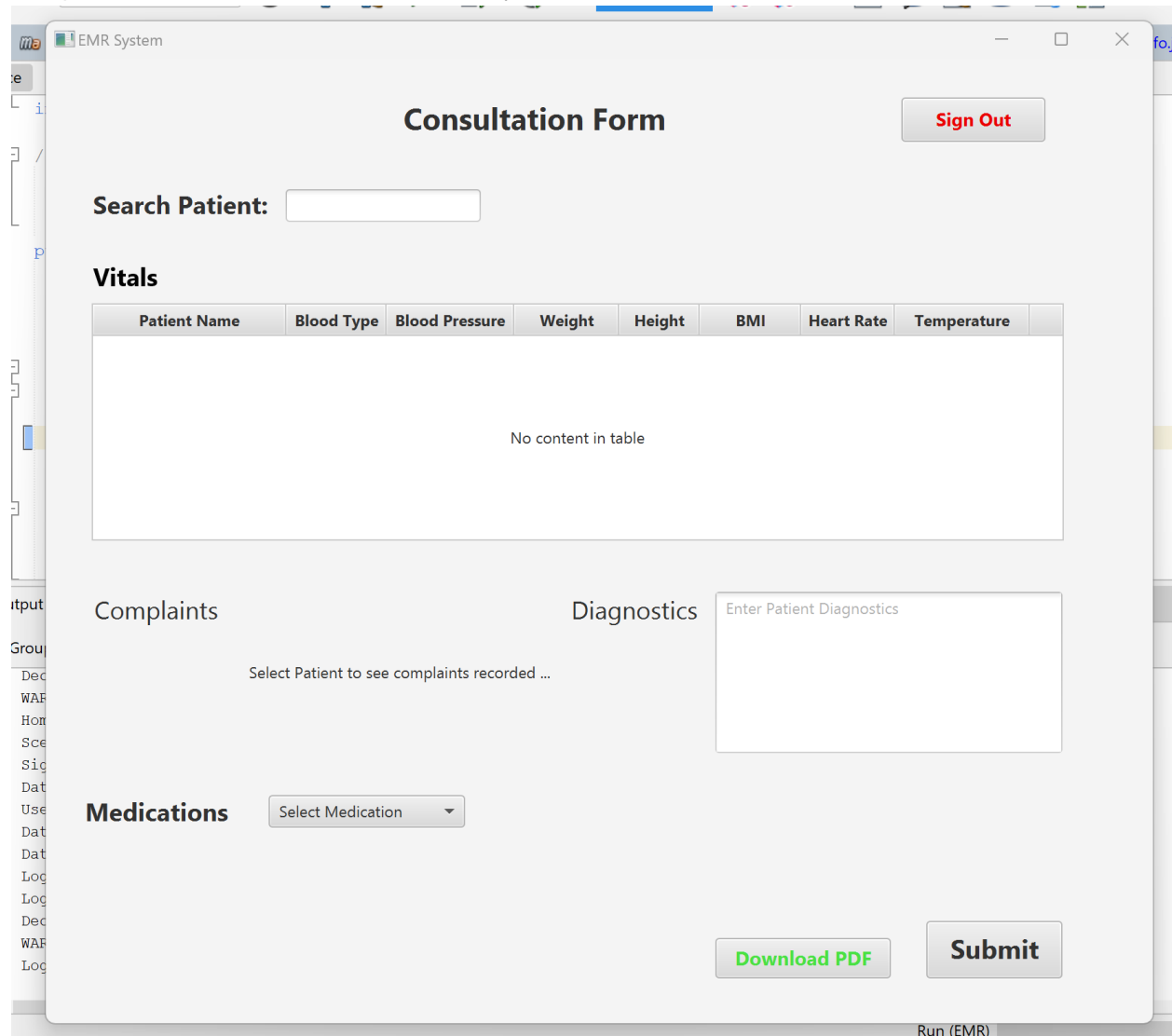
#### 4.1.1 Dynamic BMI Calculator(Label View) to calculate patient BMI upon entry of height and weight

atient Selected: Testing

[illegible]

[illegible][illegible]

5. Doctor Dashboard (includes a Download PDF that downloads a report(PDF) of the patient's vitals and patient's consultation with the Doctor).



The screenshot shows a web application window titled "EMR System". The main content area is titled "Consultation Form". In the top right corner, there is a "Sign Out" button. Below the title, there is a "Search Patient:" label followed by a text input field. Underneath this is a section titled "Vitals". It contains a table with the following headers: "Patient Name", "Blood Type", "Blood Pressure", "Weight", "Height", "BMI", "Heart Rate", and "Temperature". The table body is empty, displaying the message "No content in table". Below the "Vitals" section, there are two columns. The left column is titled "Complaints" and contains the text "Select Patient to see complaints recorded ...". The right column is titled "Diagnostics" and contains a text input field with the placeholder text "Enter Patient Diagnostics". Below the "Complaints" section, there is a section titled "Medications" which includes a dropdown menu labeled "Select Medication". At the bottom right of the form, there are two buttons: "Download PDF" (in green text) and "Submit". The status bar at the bottom right of the window indicates "Run (EMR)".

**Consultation Form** Sign Out

Search Patient:

**Vitals**

Patient Name	Blood Type	Blood Pressure	Weight	Height	BMI	Heart Rate	Temperature
No content in table							

**Complaints** Select Patient to see complaints recorded ...

**Diagnostics**

**Medications** Select Medication

Download PDF Submit

Run (EMR)

5.1 Dynamic Search to lookup patient from Database

EMR System

fc

Consultation Form

Sign Out

Search Patient:

te

3 - Testing

Vitals

Patient Name	Blood Type	Blood Pressure	Weight	Height	BMI	Heart Rate	Temperature
No content in table							

Complaints

Select Patient to see complaints recorded ...

Diagnostics

Enter Patient Diagnostics

Medications

Select Medication

Download PDF

Submit

Download PDF

5.1.1 Upon dynamic selection of user, the Vitals data is populated onto the Table and Complaints

**EMR System**

### Consultation Form

**Search Patient:**

**Sign Out**

#### Vitals

Patient Name	Blood Type	Blood Pressure	Weight	Height	BMI	Heart Rate	Temperature
Testing	O+	120/80	80.0	80.0	125.0	80	24.0

#### Complaints

**COMPLAINT**

#### Diagnostics

Enter Patient Diagnostics

#### Medications

Select Medication ▼

**Download PDF** **Submit**

Run (FMR)

5.2 Upon successfully saving consultation onto the Database

EMR System

Consultation Form

Sign Out

Search Patient:

3 - Testing

Vitals

Patient Name	Blood Type	Blood Pressure	Temperature
Testing	O+	120/80	4.0

Complaints

COMPLAINT

Diagnostics

DIAGNOSTICS

Medications

Paracetamol

Download PDF

Submit

Run (EMR)

Success

Message

Consultation saved successfully!

OK

5.2.1 Data successfully saved to Database

Result Grid

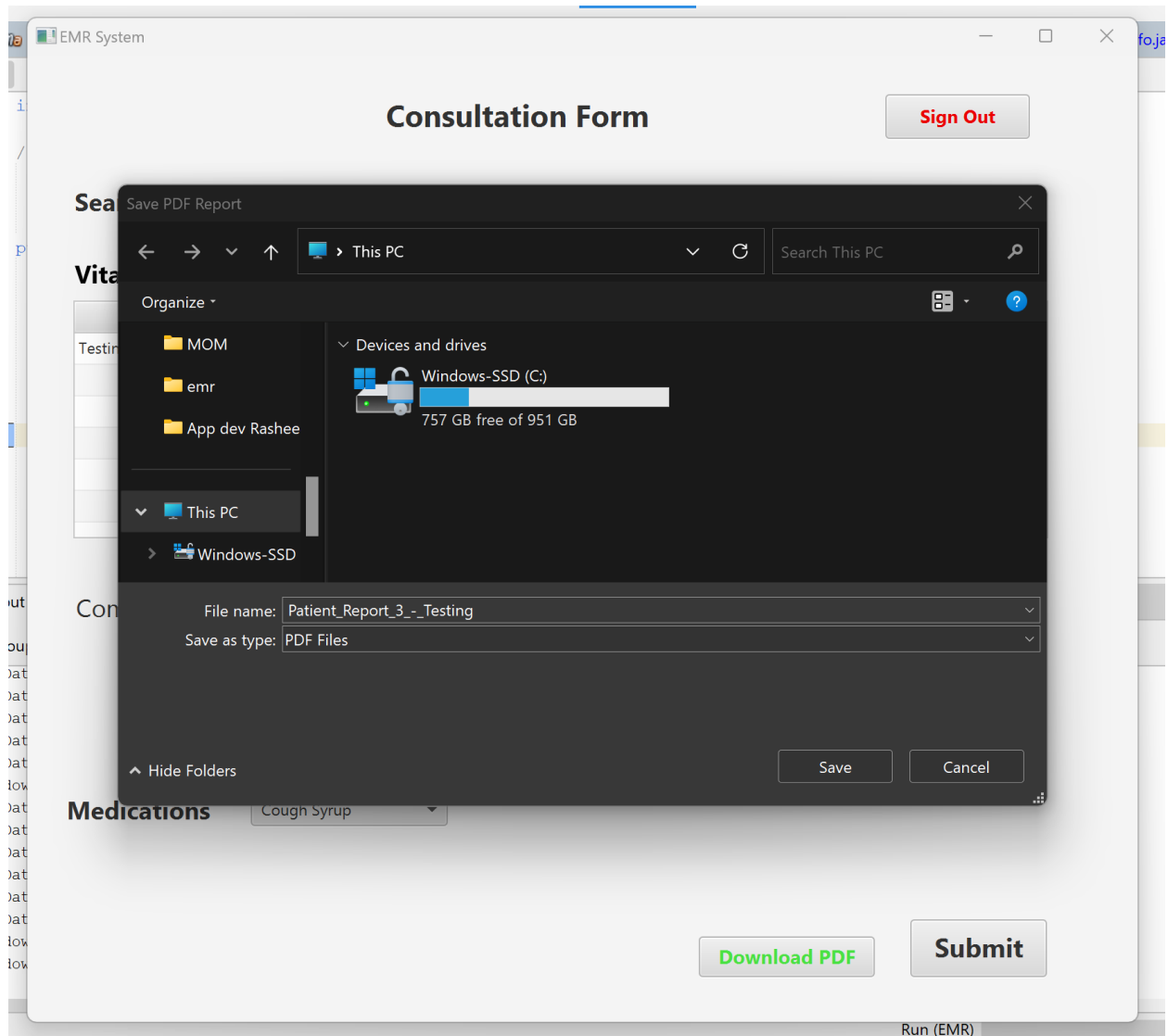
Filter Rows:

Edit:

Export/Import

	id	patient_id	diagnostics	medications	consulted_at
	1	1	Testing PDF Download	Amoxicillin	2024-12-09 00:23:44
	2	2	Prescribed medications	Ibuprofen	2024-12-10 23:56:06
	3	3	DIAGNOSTICS	Paracetamol	2024-12-11 01:46:59
	NULL	NULL	NULL	NULL	NULL

5.3 Upon clicking download PDF to generate a report of the vitals and consultation of the patient.





### 5.3.1 Report successfully generated

The screenshot displays the 'Consultation Form' interface of an 'EMR System'. A modal window titled 'PDF Generated' is centered on the screen, displaying a message: 'The PDF report has been successfully saved at: C:\Users\mgmoh\Desktop\Patient\_Report\_3\_-\_Testing.pdf'. The background form includes a 'Search Patient' field with '3 - Testing' entered, a 'Sign Out' button, and a 'Vitals' table. The 'Vitals' table has columns for Patient Name, Blood Type, Blood Pressure, and Temperature. The first row shows 'Testing', 'O+', '120/80', and '4.0'. Below the vitals table are sections for 'Complaints' (with a 'COMPLAINT' label), 'Diagnostics' (with a 'TESTING PDF DOWNLOAD' label), and 'Medications' (with a dropdown menu showing 'Cough Syrup'). At the bottom right, there are 'Download PDF' and 'Submit' buttons. A status bar at the bottom right indicates 'Run (FMR)'.

**Consultation Form**

Search Patient: 3 - Testing

**Vitals**

Patient Name	Blood Type	Blood Pressure	Temperature
Testing	O+	120/80	4.0

**Complaints**

COMPLAINT

**Diagnostics**

TESTING PDF DOWNLOAD

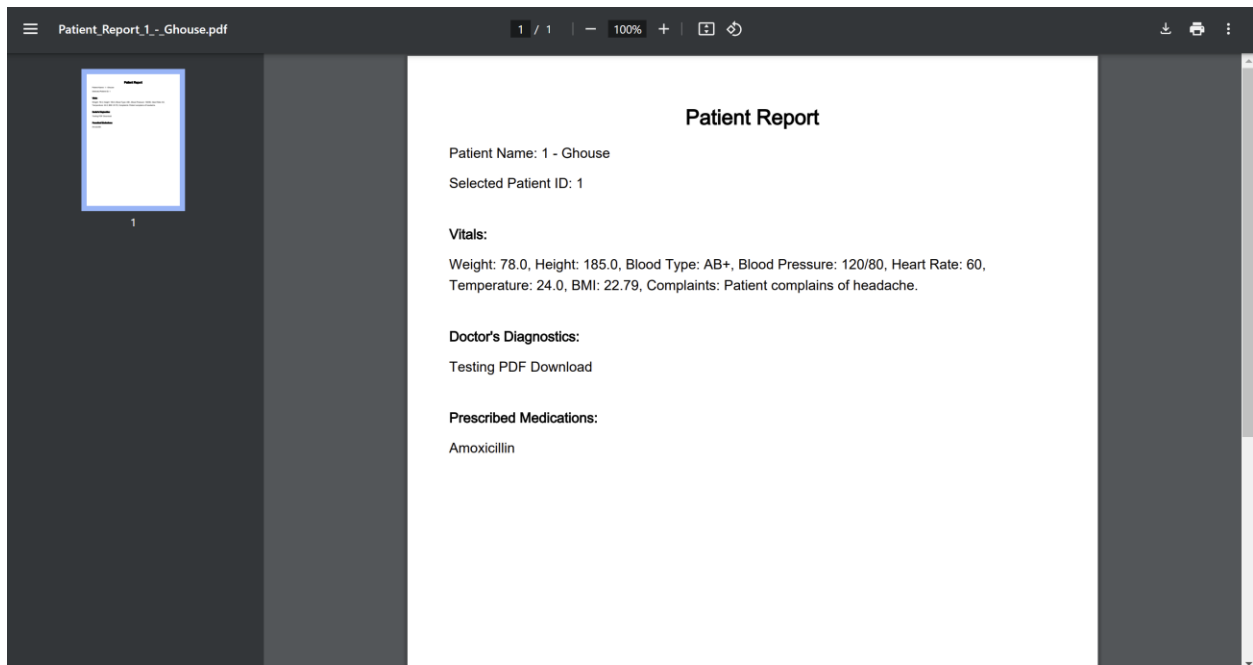
**Medications**

Cough Syrup

**Download PDF** **Submit**

Run (FMR)

### 5.3.2 Sample PDF Report that was generated by our software.



Thank you