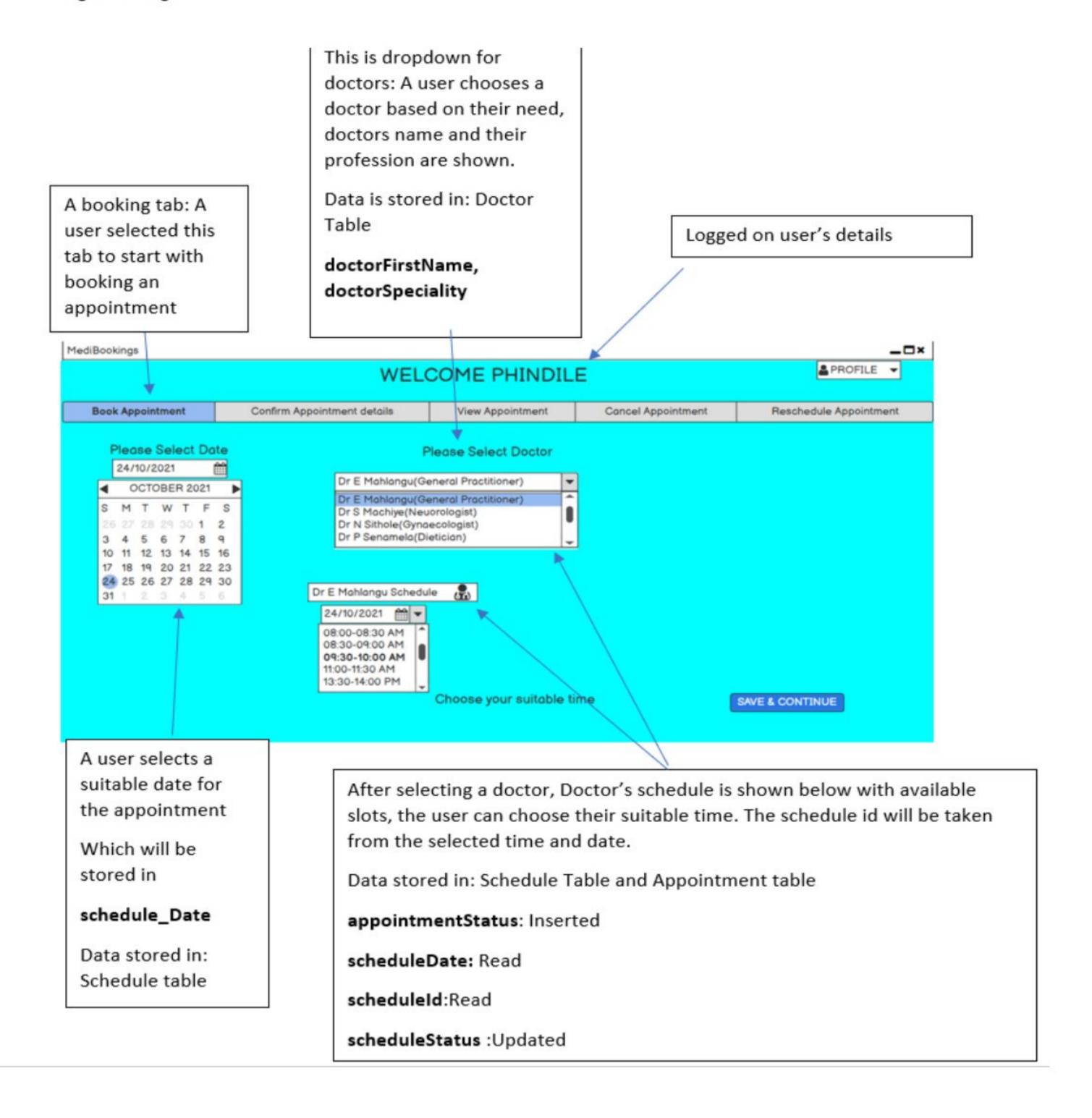
1. 5 IMPORTANT USE CASES

Compiled by 218718477 Masimula P

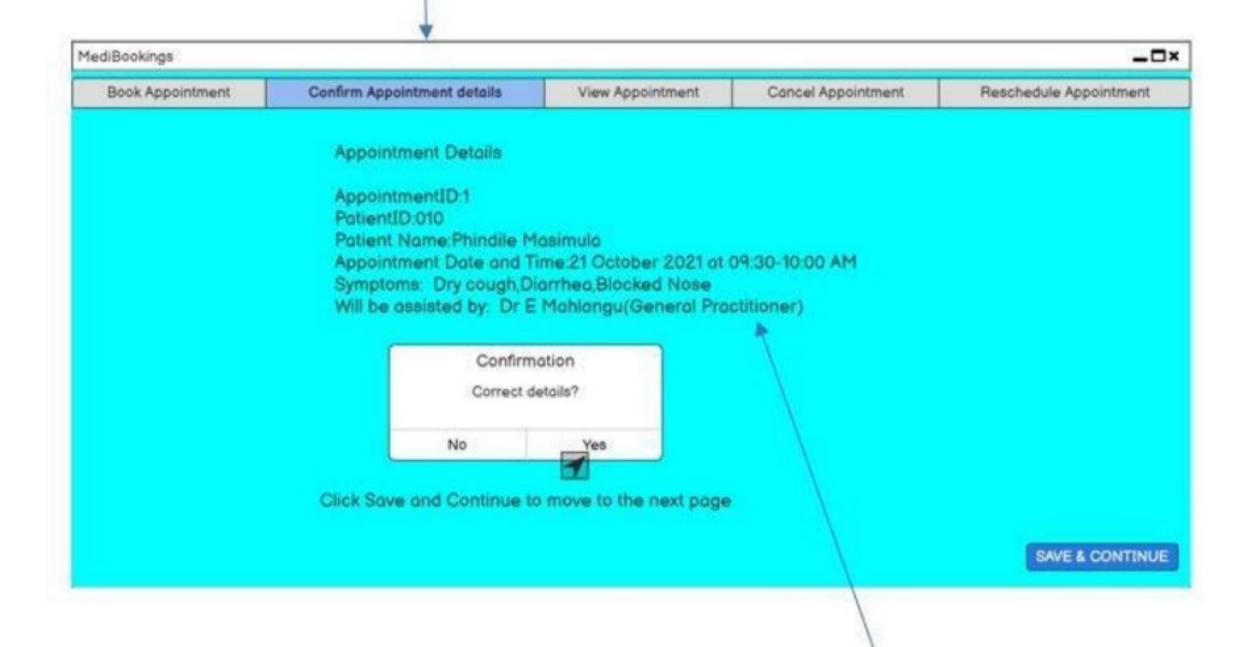
Full use case description

1.1. Booking Appointment

Use case name:	Book appointment		
Scenario:	Patient wants to book an appointment		
Triggering event:	Patients make a new appointment		
Brief description:	This use case describes how to make an appointment when a		
	patients request an appointment		
Actors:	Patient		
Related use	Search appointment availability		
cases:	Cancel appointment		
	Confirm appointment		
	Update appointment		
Stakeholders:	Patient Re-		
	ceptionist		
	Doctor		
Preconditions:	Patient must be registered and available		
Postconditions:	Appointment successfully booked		
Flow of activities:	Actor	System	
	1. Patient selects available	1.1 Verifies selected appointment	
	time for appointment	2.2 System verifies patient details	
	2. Enters patient details	as correct	
Exception	Appointment unavailable		
conditions			



Confirmation Tab: A user has selected the confirmation tab to confirm the details of the appointment



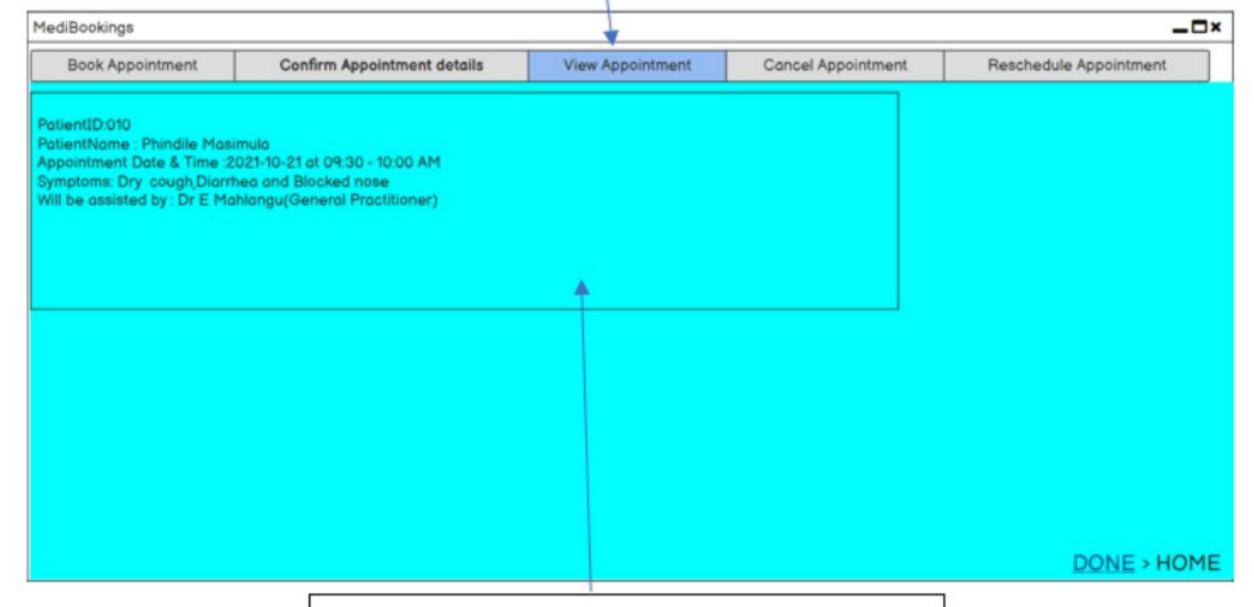
Appointment Details are stated above of patient appointment which displays all the details of the appointment, **patientId** is taken from the logged on users' information and the **appointmentId** is generated automatically when a patient books for the appointment, a popup notification is showed to verify the information.

Data Stored in: Appointment Table

appointmentStatus: Inserted

appointmentID: inserted

View Tab: A
user selected
view
appointment
tab to view the

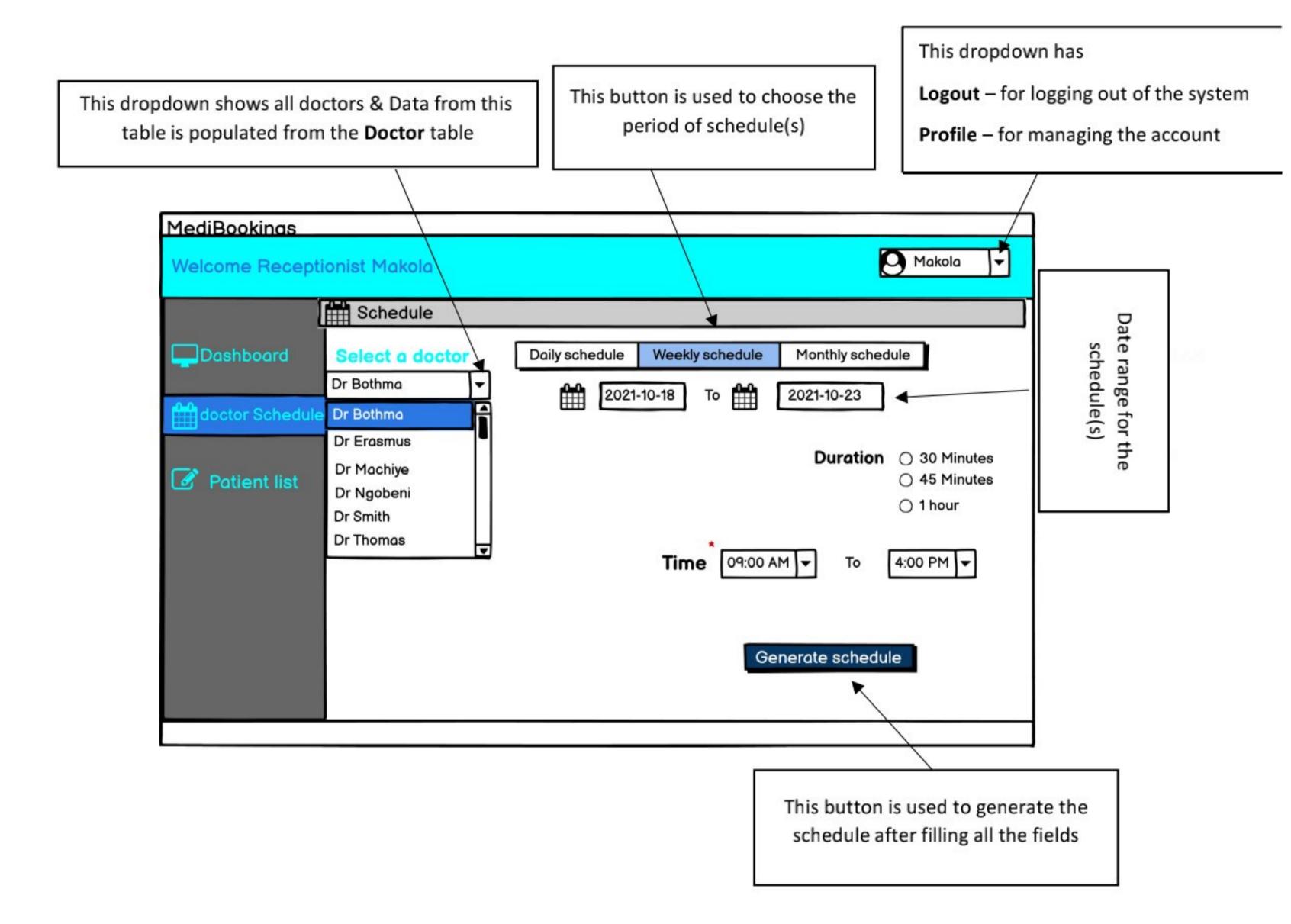


A user has successfully completed booking the appointment. A user has privilege of cancelling the appointment or reschedule the appointment

Compiled by 218726283 Senamela P <u>Full use case description</u>

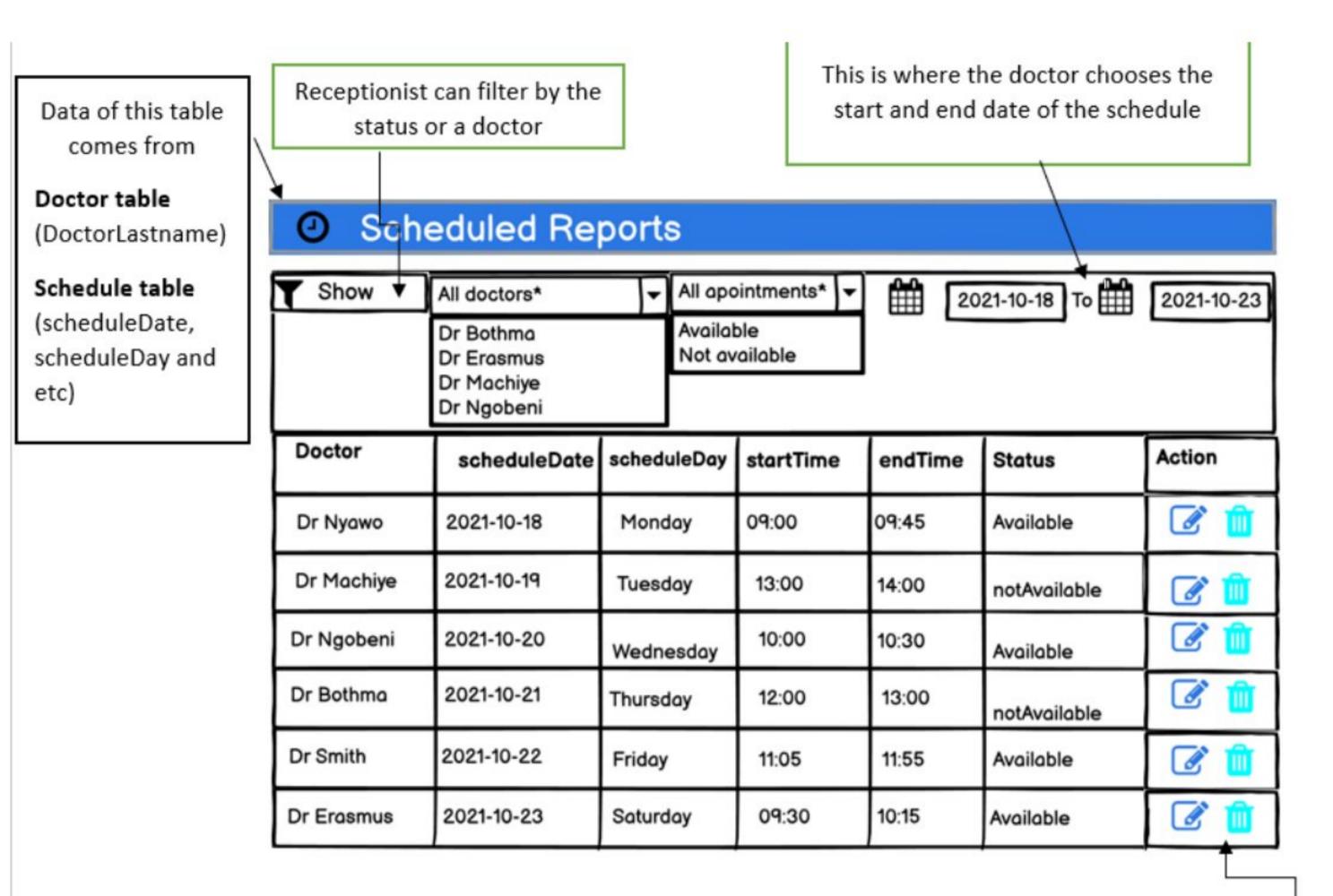
1.2. Manage Schedule

Use case name:	Manage schedule		
Scenario:	Receptionist wants to change the doctor's schedule		
Triggering event:	Availability change request		
Brief description:	Receptionist wants to change the doctor's schedule		
Actors:	Receptionist		
Related use	Reschedule appointment		
cases:	Update appointment		
Stakeholders:	Receptionist		
	Doctor		
Preconditions:	Available schedule		
Postconditions:	Doctor schedule is updated		
Flow of activities:	Actor	System	
	1. Receptionist logs in	1.1 System provides the receptionist	
	and selects doctor	with the current doctor's schedule	
	schedule on the system	2.2 System sends message to	
	2. Receptionist updates	stakeholders that the schedule has	
	the schedule	been updated	
Exception	Schedule details not found		
Conditions			



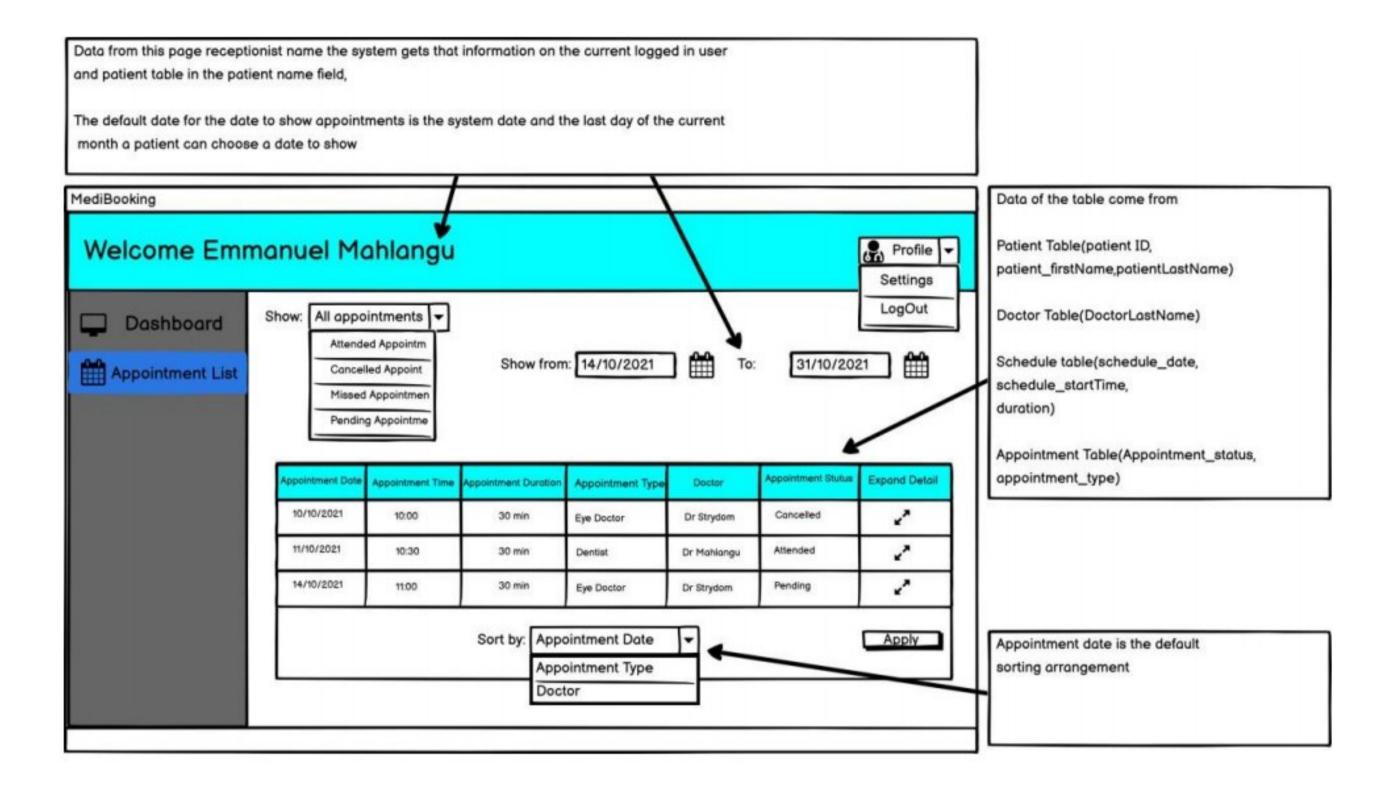
In this page design we have the receptionist logged in to the system (to manage the doctor's schedule)

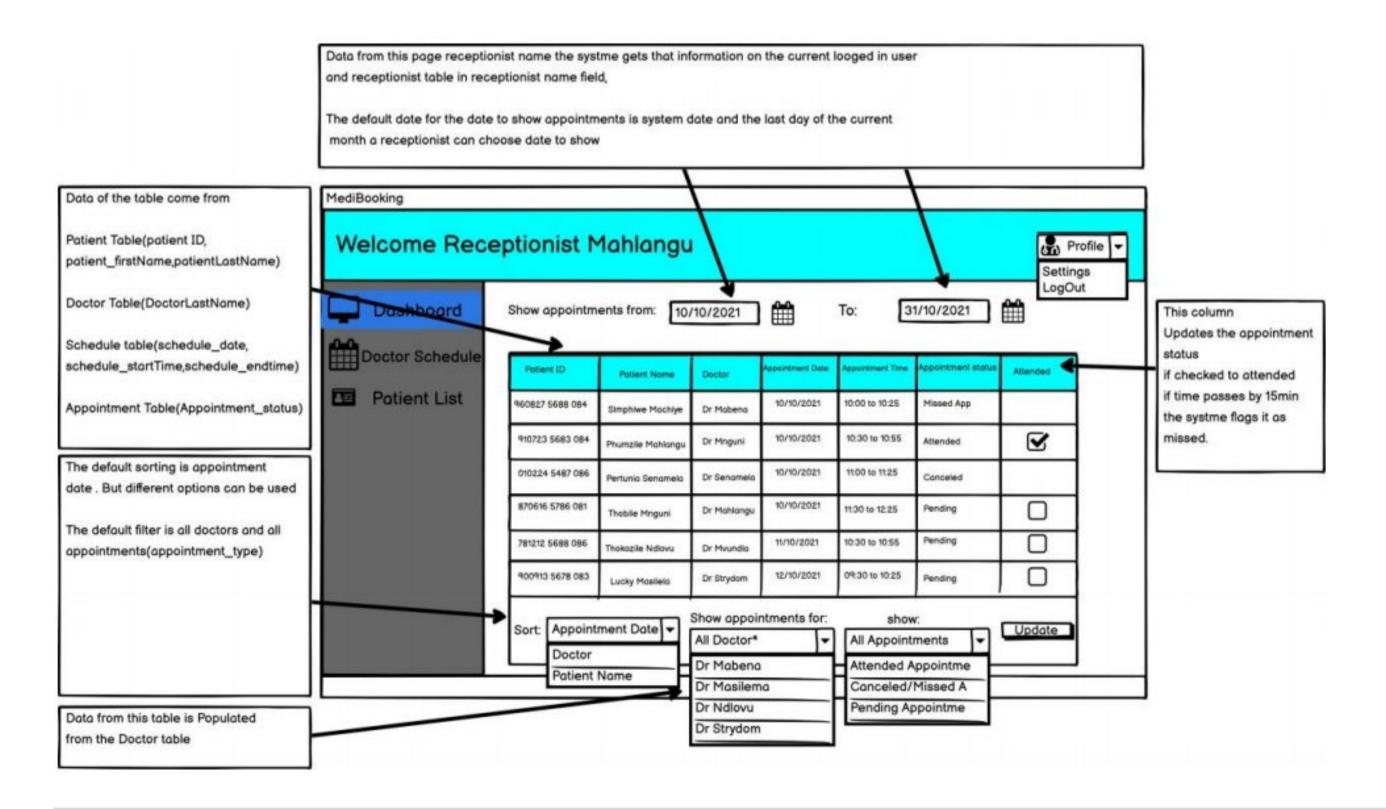
- > The default date to manage the schedule is the first date(day) of the week.
- The receptionist chooses the slot duration of the schedule(s).

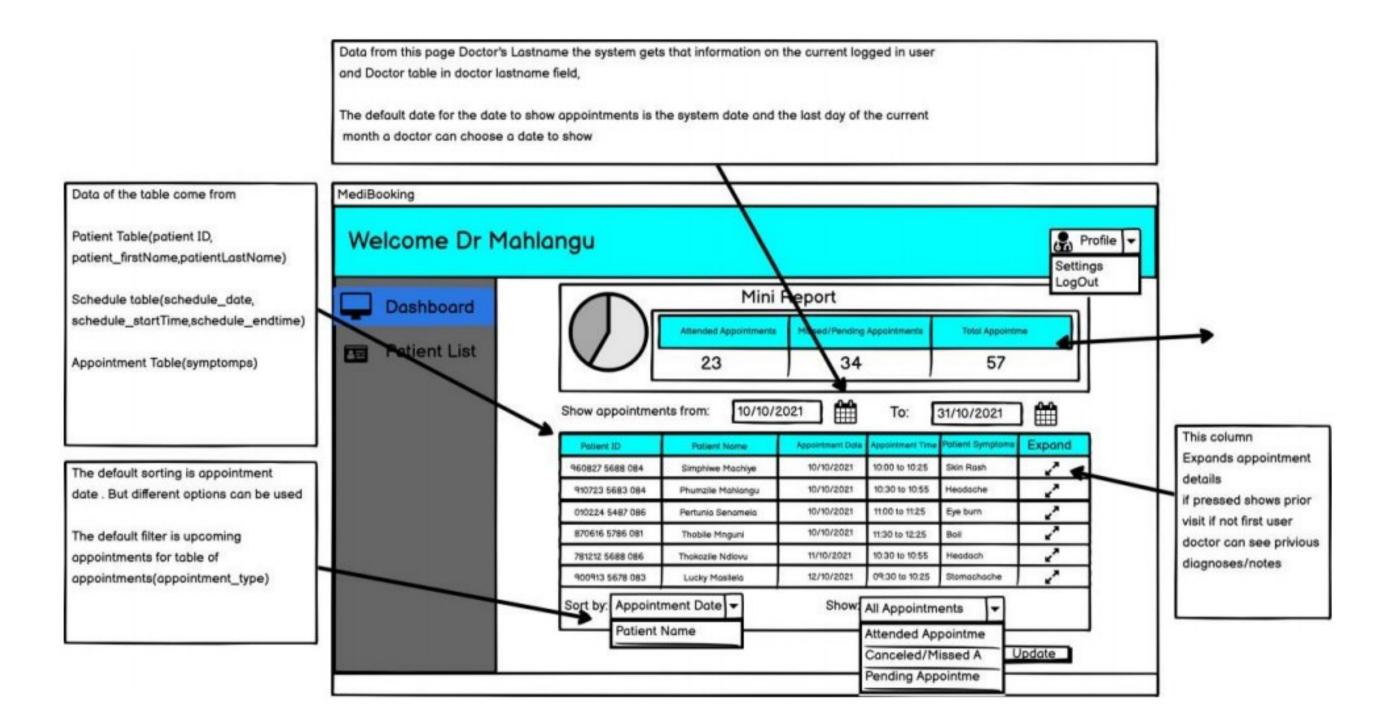


- > The default filter is all doctors and all appointments (appointment status).
- The default date is all the schedule's dates, but the receptionist is also allowed to Choose the start date and end date for the schedules.
- > On the Action column data is being update or deleted from the schedule table

This column edits or delete the scheduled report



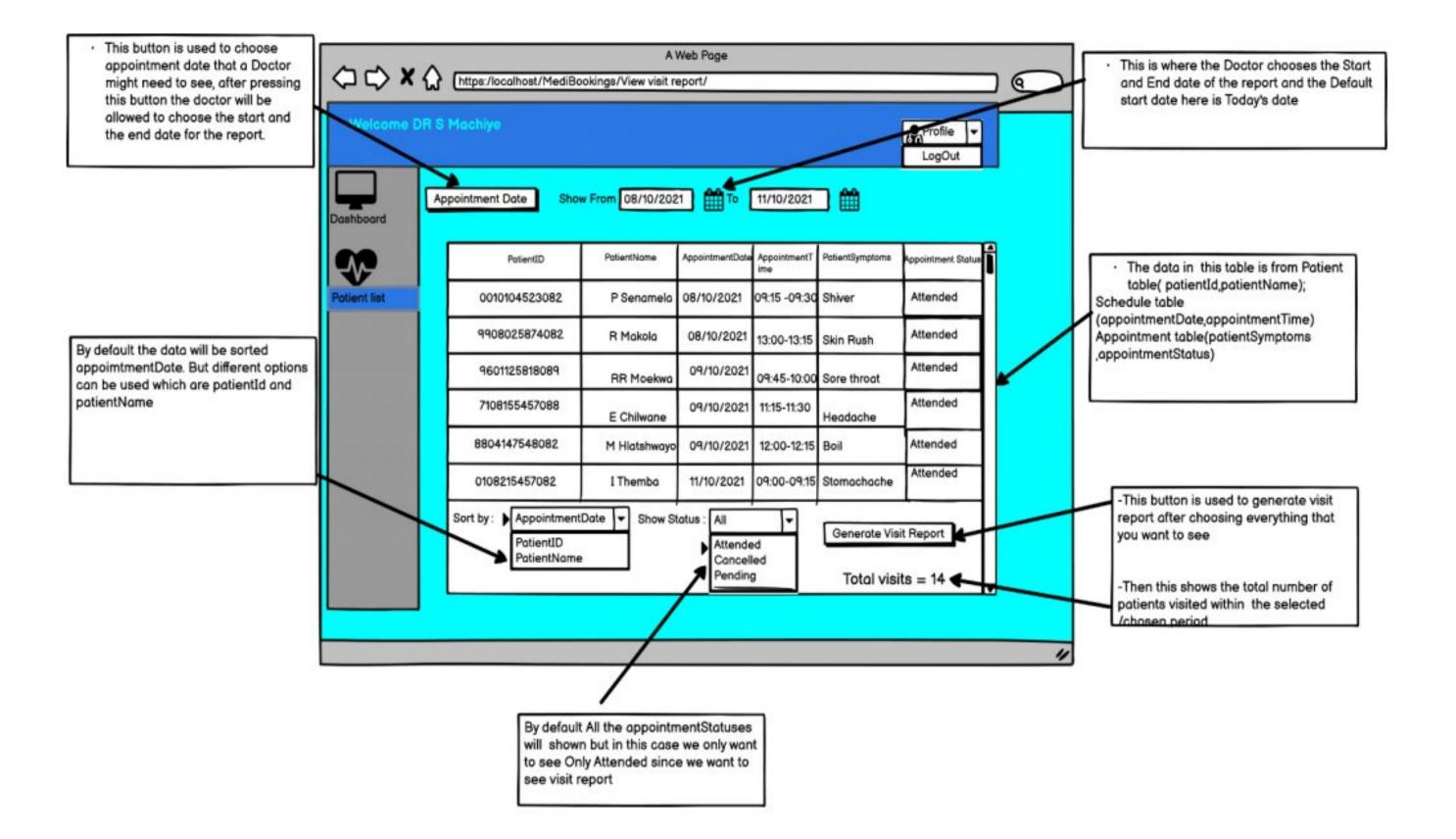




Compiled by 218030033 Mahlangu E Full Use Case Description

1.4. View Visit Report

Use case name:	View visit report		
Scenario:	View every attended patient list		
Triggering event:	Request for visit report		
Brief description:	Doctor would like to view a visit report of his/her patients		
Actors:	Doctor		
Related use cases:			
Stakeholders:	Patient		
	Doctor		
Preconditions:	Attended appointments		
Postconditions:	List of attended appointments created or printed		
Flow of activities:	Actor	System	
	1. Doctor logs in and	1.1 System provides visit report form	
	re- quest a visit report	2.2 System displays the visit report	
	2. Doctor chooses		
	monthly or weekly or		
	daily report		
	3. Doctor view,		
	prints orsaves the		
Exception	Report not found		
conditions	Invalid doctor's information		

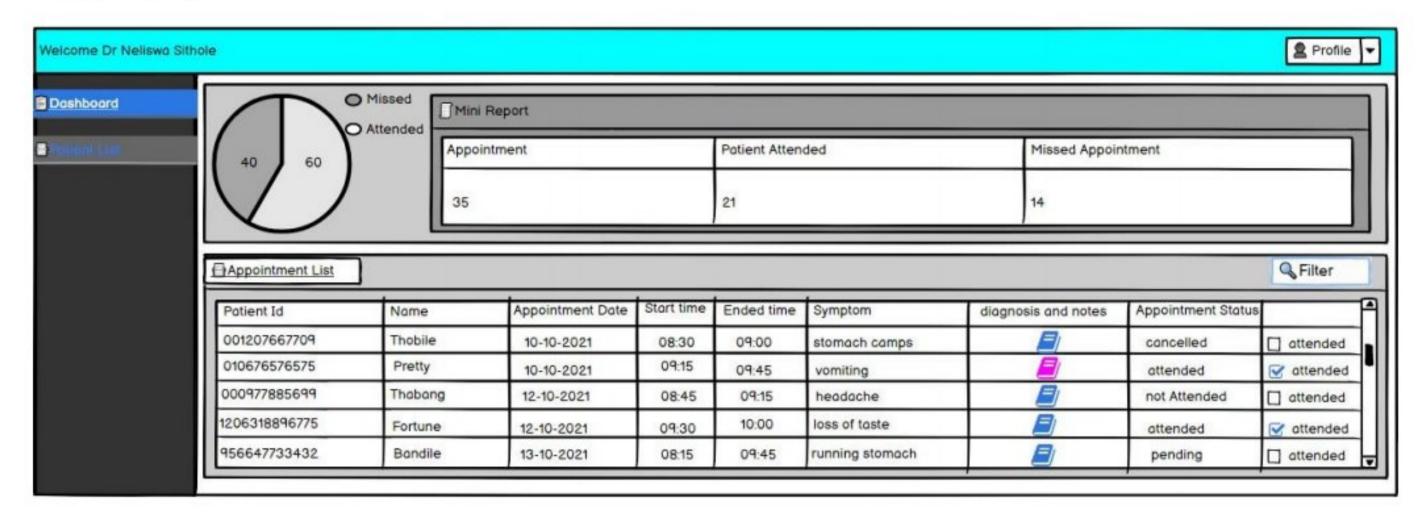


Compiled by 219034881 Sithole NM

Full Use Case Description

1.5. Record Patient Visit

Use case name:	Record patient visit		
Scenario:	Doctor update appointment status		
Triggering event:	Appointment attendance		
Brief description:	Doctor changes the appointment status		
Actors:	Doctor		
Related use	View visit report		
cases:			
Stakeholders:	Patient		
	Doctor		
Preconditions:	Appointment attendance		
Postconditions:	Appointment status updated		
Flow of activities:	Actor	System	
	1. Doctor logs in and	1.1 System provides upcoming ap-ap-	
	view appointment list	appointment list	
	2. Doctors select	2.2 System displays the appointment	
	and updates the	2.3 System saves the up-	
	ap-appointment	dated appointment status	
	status		
Exception	Appointment not found		
conditions			

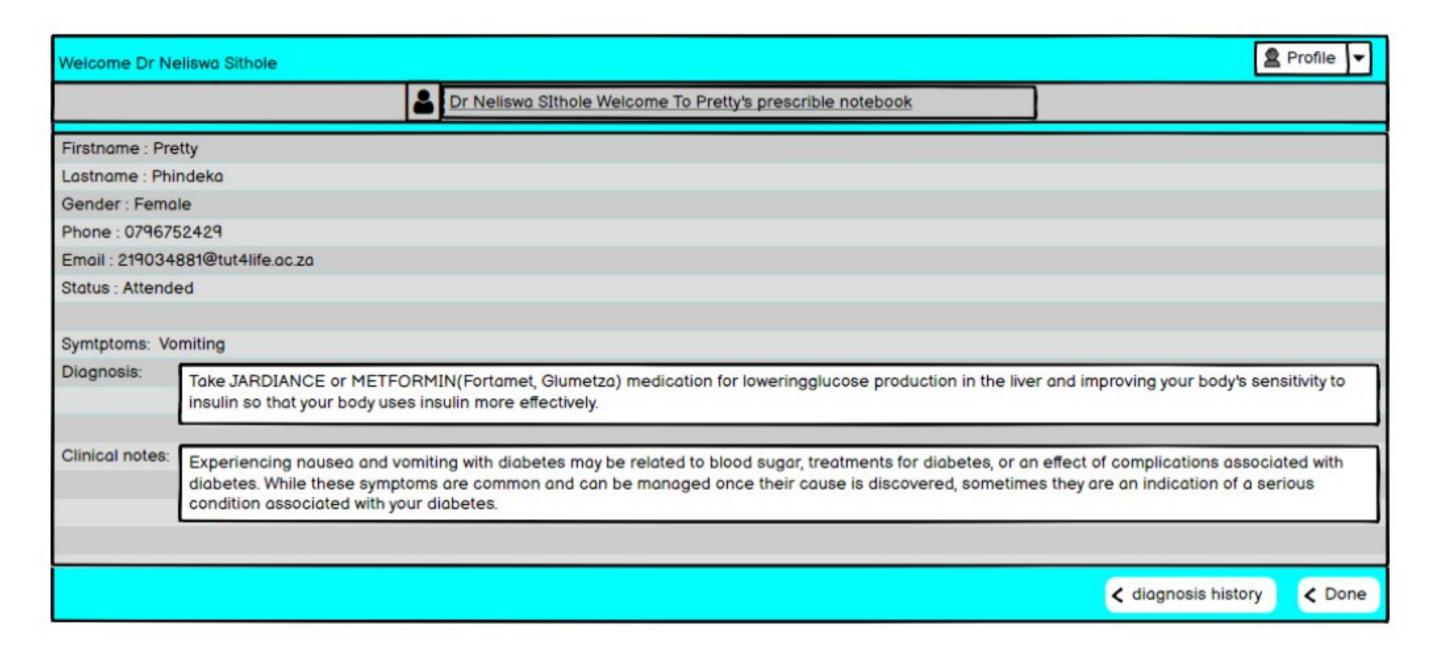


In the page design above we have the doctor logged in and all the patients in the appointment list are displayed and saved in the appointment table.

The data displayed in the table of appointment list is for all the patients who have booked to visit the doctor for consultation, the appointment status allows the doctor to record if patients have attended, not attended, cancelled and pending appointments (upcoming appointment).

The doctor has the privilege to mark the check boxes for all attended patients and not to mark all patients who have not attended.

Also, the diagnosis and notes icon can be selected in each patient and allow the doctor to write are patient clinical notes and diagnosis, the doctor can filter using the filter button futhermore use the filter to sort using all different headings.



Once the icon in the appointment table for diagnosis and notes field is selected, this page is going to be open, and the doctor will be able to see patient details with the doctor is currently treating and record the patient diagnosis and notes for that patient.

The record will be stored or save in the appointment table (appointment diagnosis and appointment notes fields).

The diagnosis history button it will allow the doctor to view all records of the current patient diagnosis this is saved and recorded in the appointment table (appointment diagnosis and appointment notes fields).