MEDIBOOKINGS

SYSTEM PROPOSAL

Student_No	Surname and Initials
215194043	Machiye SGX
218030033	Mahlangu E
218718477	Masimula P
218726283	Senamela PM
219034881	Sithole NM

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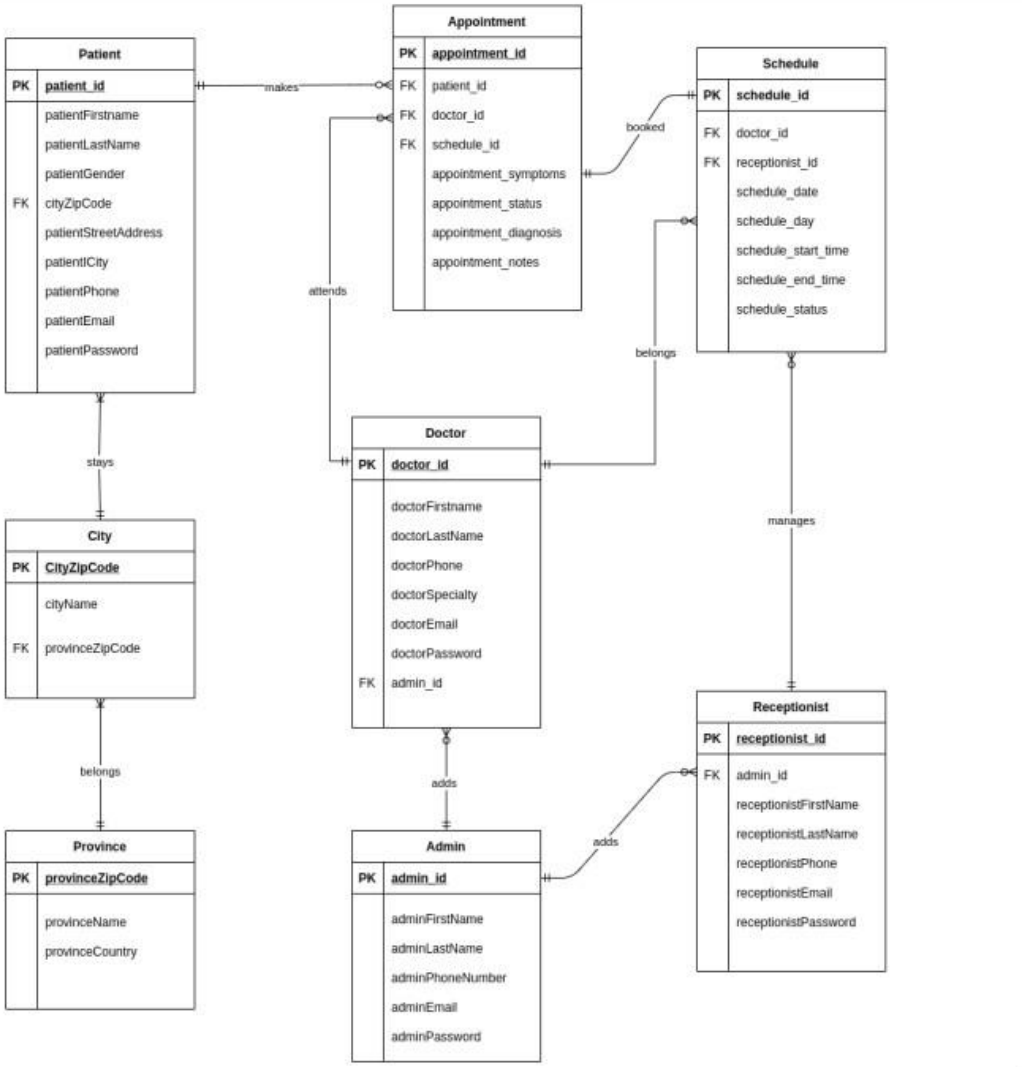
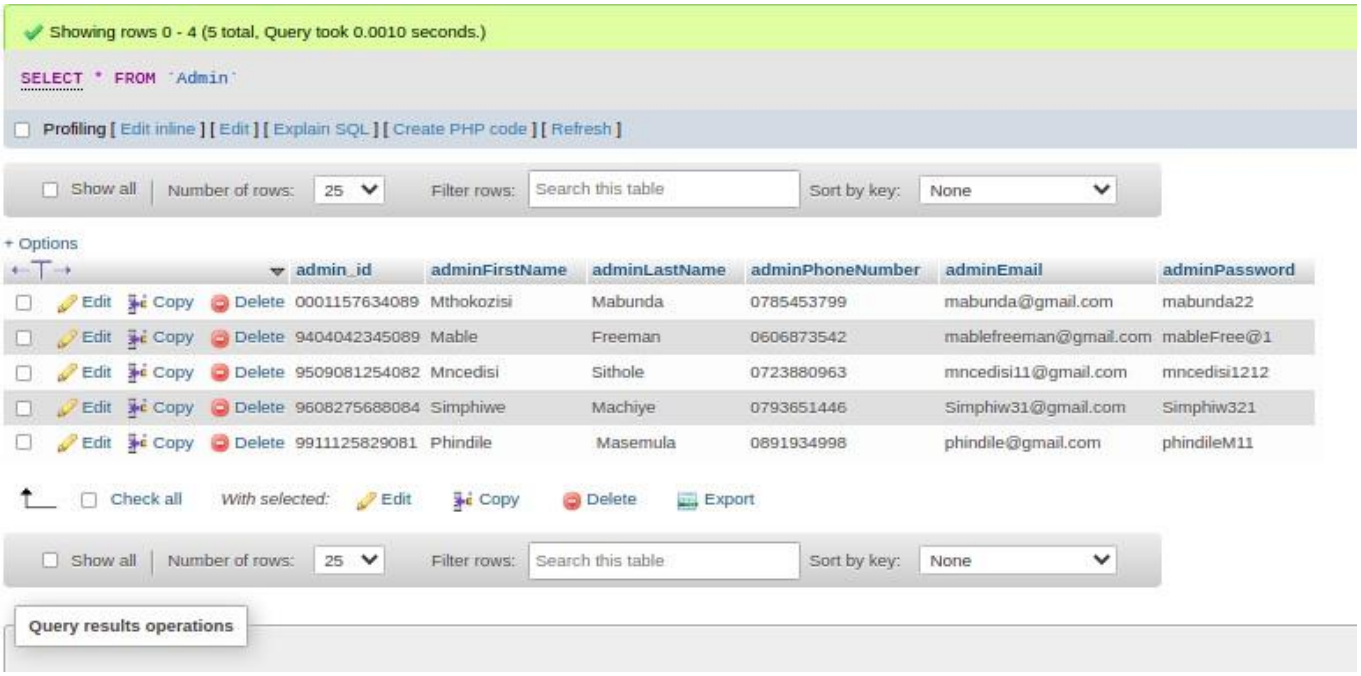
ERD


Patient
PK patient_id
patientFirstname
patientLastName
patientGender
FK cityZipCode
patientStreetAddress
patientICity
patientPhone
patientEmail
patientPassword
makes
Appointment
PK appointment_id
FK patient_id
FK doctor_id
FK schedule_id
appointment_symptoms
appointment_status
appointment_diagnosis
appointment_notes
booked
Schedule
PK schedule_id
FK doctor_id
FK receptionist_id
schedule_date
schedule_day
schedule_start_time
schedule_end_time
schedule_status
attends
belongs
stays
Doctor
PK doctor_id
doctorFirstname
doctorLastName
doctorPhone
doctorSpecialty
doctorEmail
doctorPassword
FK admin_id
manages
City
PK CityZipCode
cityName
FK provinceZipCode
belongs
Province
PK provinceZipCode
provinceName
provinceCountry
adds
Admin
PK admin_id
adminFirstName
adminLastName
adminPhoneNumber
adminEmail
adminPassword
adds
Receptionist
PK receptionist_id
FK admin_id
receptionistFirstName
receptionistLastName
receptionistPhone
receptionistEmail
receptionistPassword

Database Content Screenshots

Admin table



Showing rows 0 - 4 (5 total, Query took 0.0010 seconds.)

```
SELECT * FROM `Admin`
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

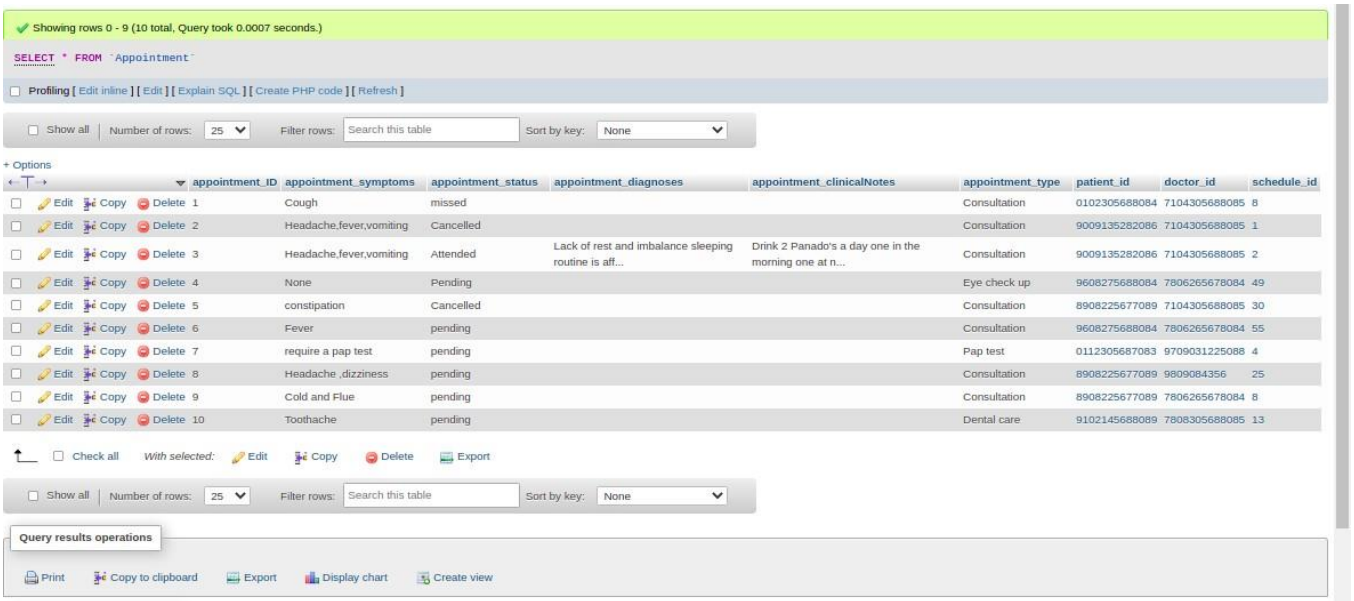
	admin_id	adminFirstName	adminLastName	adminPhoneNumber	adminEmail	adminPassword
Edit Copy Delete	0001157634089	Mthokozisi	Mabunda	0785453799	mabunda@gmail.com	mabunda22
Edit Copy Delete	9404042345089	Mable	Freeman	0606873542	mablefreeman@gmail.com	mableFree@1
Edit Copy Delete	9509081254082	Mncedisi	Sithole	0723880963	mncedisi11@gmail.com	mncedisi1212
Edit Copy Delete	9608275688084	Simphiwe	Machiye	0793651446	Simphiw31@gmail.com	Simphiw321
Edit Copy Delete	9911125829081	Phindile	Masemula	0891934998	phindile@gmail.com	phindileM11

Check all | With selected: Edit Copy Delete Export

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Query results operations

Appointment table



Showing rows 0 - 9 (10 total, Query took 0.0007 seconds.)

```
SELECT * FROM `Appointment`
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

	appointment_ID	appointment_symptoms	appointment_status	appointment_diagnoses	appointment_clinicalNotes	appointment_type	patient_id	doctor_id	schedule_id
Edit Copy Delete	1	Cough	missed			Consultation	0102305688084	7104305688085	8
Edit Copy Delete	2	Headache,fever,vomiting	Cancelled			Consultation	9009135282086	7104305688085	1
Edit Copy Delete	3	Headache,fever,vomiting	Attended	Lack of rest and imbalance sleeping routine is aff...	Drink 2 Panado's a day one in the morning one at n...	Consultation	9009135282086	7104305688085	2
Edit Copy Delete	4	None	Pending			Eye check up	9608275688084	7806265678084	49
Edit Copy Delete	5	constipation	Cancelled			Consultation	8908225677089	7104305688085	30
Edit Copy Delete	6	Fever	pending			Consultation	9608275688084	7806265678084	55
Edit Copy Delete	7	require a pap test	pending			Pap test	0112305687083	9709031225088	4
Edit Copy Delete	8	Headache ,dizziness	pending			Consultation	8908225677089	9809084356	25
Edit Copy Delete	9	Cold and Flue	pending			Consultation	8908225677089	7806265678084	8
Edit Copy Delete	10	Toothache	pending			Dental care	9102145688089	7808305688085	13

Check all | With selected: Edit Copy Delete Export

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Query results operations

Print | Copy to clipboard | Export | Display chart | Create view

City Table

Showing rows 0 - 10 (11 total, Query took 0.0010 seconds.)

```
SELECT * FROM `City`
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 Filter rows: Search this table

+ Options

	cityZipCode	cityName	provinceZipCode
Edit Copy Delete	0002	Tshwane	0001
Edit Copy Delete	0012	Mamelodi	0001
Edit Copy Delete	0302	Northern Park	0300
Edit Copy Delete	0458	Kwagga	1030
Edit Copy Delete	0501	Leboa kgomo	0699
Edit Copy Delete	1022	KwaMhlanga	1030
Edit Copy Delete	1034	eMalahleni	1030
Edit Copy Delete	3202	Pietermaritzburg	4500
Edit Copy Delete	4734	Former Transkei	4731
Edit Copy Delete	8302	Gordonia Region	8100
Edit Copy Delete	9303	Bloefontein	9300

Check all With selected: Edit Copy Delete Export

Doctor Table

```
SELECT * FROM `Doctor`
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

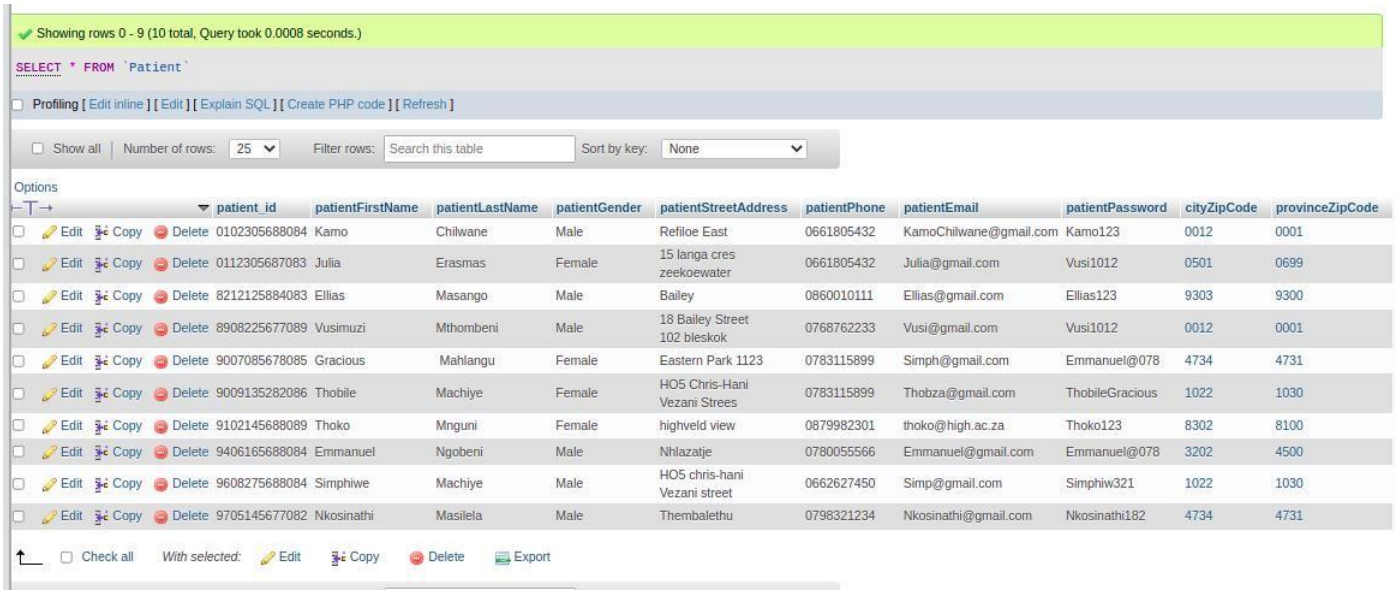
Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options

	doctor_id	doctorFirstName	doctorLastName	doctorSpecialty	doctorEmail	doctorPassord	admin_id
Edit Copy Delete	910412324308	Mavis	Mabuza	General Practiyioner	Mavis@gmail.com	Mave123	9608275688084
Edit Copy Delete	7104305688085	Given	Mnguni	General Practitioner	Given29@gmail.com	Given123	9608275688084
Edit Copy Delete	7806265678084	Sipho	Ngobeni	Demetologist	Sipho@gmail.com	SiphoNgobz123	9608275688084
Edit Copy Delete	7808305688085	Mncedisi	Sithole	Opthometrist	Mncedis@medibookings.co.za	Mncedisi78	9608275688084
Edit Copy Delete	7902025688085	Xolani	Mahlangu	General Practitioner	MahlanguXol@gmail.com	XolaniMahlangu	9608275688084
Edit Copy Delete	7909075464088	Wandile	Mpholoni	Dentist	wandile@gmail.com	wandileMo11	9608275688084
Edit Copy Delete	8908095478089	Sbusiso	Mkhephuli	Dietician	mkhephuli@gmail.com	18Makk	9608275688084
Edit Copy Delete	9203021871082	Emmanuel	Mahlangu	General Practitioner	emmanuel@gmail.com	Mahlangu99	9608275688084
Edit Copy Delete	9404046783089	Simphiwe	Machiye	optometrist	simphiwe@gmail.com	simphiw321	9608275688084
Edit Copy Delete	9609087675089	Phindile	Masimula	Neurologist	phindile@gmail.com	PhindileM	9608275688084
Edit Copy Delete	9709031225088	Neliswa	Sithole	Gynacologist	neliswa@gmail.com	maronyo11	9608275688084
Edit Copy Delete	9809082321088	Maxwell	Smith	Dentist	max123@gmail.com	max123	9608275688084
Edit Copy Delete	9809084356	Pertunia	Senamela	Dietician	senamela@gmail.com	senamela66	9608275688084

Check all With selected: Edit Copy Delete Export

Patient Table



Showing rows 0 - 9 (10 total, Query took 0.0008 seconds.)

```
SELECT * FROM `Patient`
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

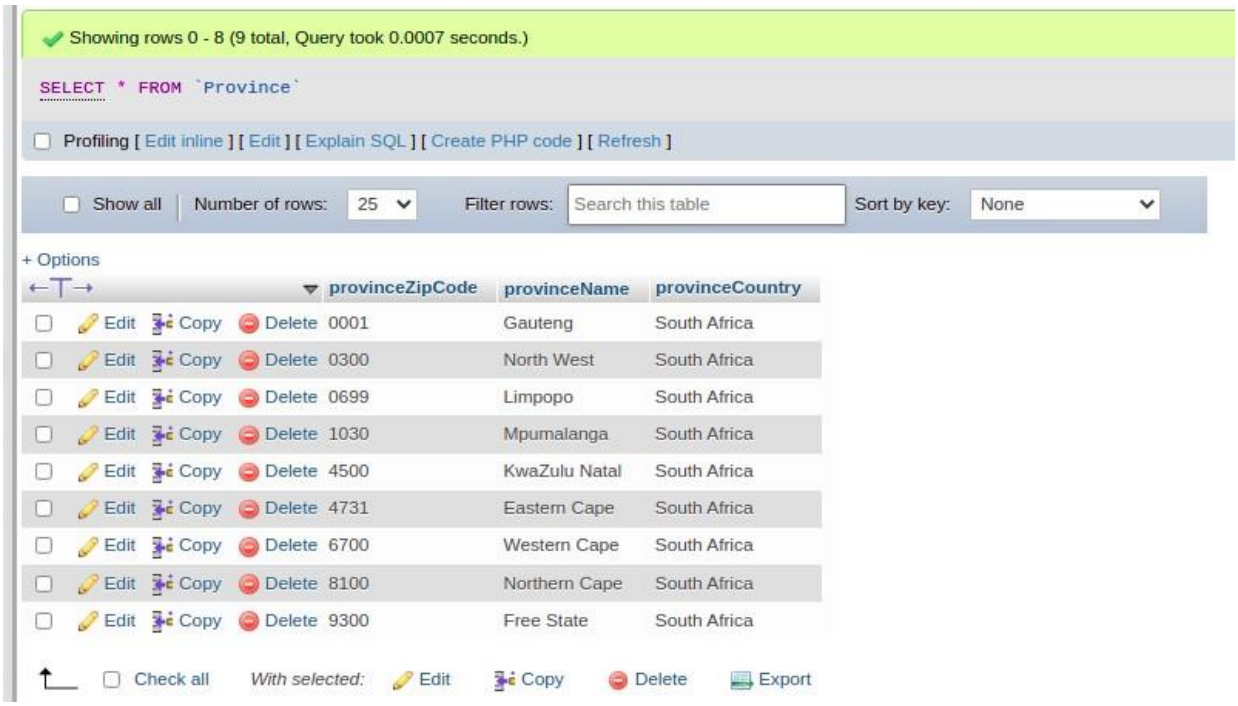
Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Options

	patient_id	patientFirstName	patientLastName	patientGender	patientStreetAddress	patientPhone	patientEmail	patientPassword	cityZipCode	provinceZipCode
Edit Copy Delete	0102305688084	Kamo	Chilwane	Male	Refiloe East	0661805432	KamoChilwane@gmail.com	Kamo123	0012	0001
Edit Copy Delete	0112305687083	Julia	Erasmas	Female	15 langa cres zeekoewater	0661805432	Julia@gmail.com	Vusi1012	0501	0699
Edit Copy Delete	8212125884083	Ellias	Masango	Male	Bailey	0860010111	Ellias@gmail.com	Ellias123	9303	9300
Edit Copy Delete	8908225677089	Vusimuzi	Mthombeni	Male	18 Bailey Street 102 bleskok	0768762233	Vusi@gmail.com	Vusi1012	0012	0001
Edit Copy Delete	9007085678085	Gracious	Mahlangu	Female	Eastern Park 1123	0783115899	Simph@gmail.com	Emmanuel@078	4734	4731
Edit Copy Delete	9009135282086	Thobile	Machiye	Female	HO5 Chris-Hani Vezani Strees	0783115899	Thobza@gmail.com	ThobileGracious	1022	1030
Edit Copy Delete	9102145688089	Thoko	Mnguni	Female	highveld view	0879982301	thoko@high.ac.za	Thoko123	8302	8100
Edit Copy Delete	9406165688084	Emmanuel	Ngobeni	Male	Nhlazatje	0780055566	Emmanuel@gmail.com	Emmanuel@078	3202	4500
Edit Copy Delete	9608275688084	Simphiwe	Machiye	Male	HO5 chris-hani Vezani street	0662627450	Simp@gmail.com	Simphiw321	1022	1030
Edit Copy Delete	9705145677082	Nkosinathi	Masilela	Male	Thembalethu	0798321234	Nkosinathi@gmail.com	Nkosinathi182	4734	4731

Check all | With selected: Edit Copy Delete Export

Province Table



Showing rows 0 - 8 (9 total, Query took 0.0007 seconds.)

```
SELECT * FROM `Province`
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

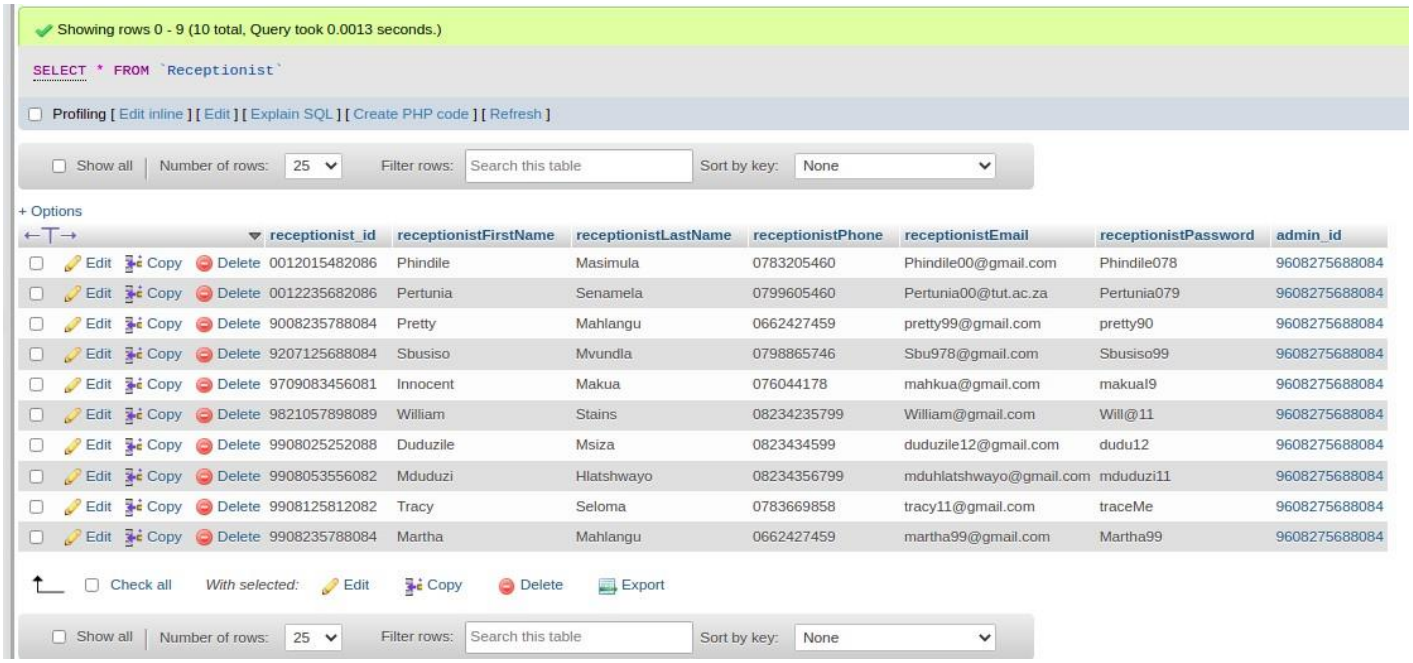
Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

	provinceZipCode	provinceName	provinceCountry
Edit Copy Delete	0001	Gauteng	South Africa
Edit Copy Delete	0300	North West	South Africa
Edit Copy Delete	0699	Limpopo	South Africa
Edit Copy Delete	1030	Mpumalanga	South Africa
Edit Copy Delete	4500	KwaZulu Natal	South Africa
Edit Copy Delete	4731	Eastern Cape	South Africa
Edit Copy Delete	6700	Western Cape	South Africa
Edit Copy Delete	8100	Northern Cape	South Africa
Edit Copy Delete	9300	Free State	South Africa

Check all With selected: Edit Copy Delete Export

Receptionist Table



Showing rows 0 - 9 (10 total, Query took 0.0013 seconds.)

```
SELECT * FROM `Receptionist`
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

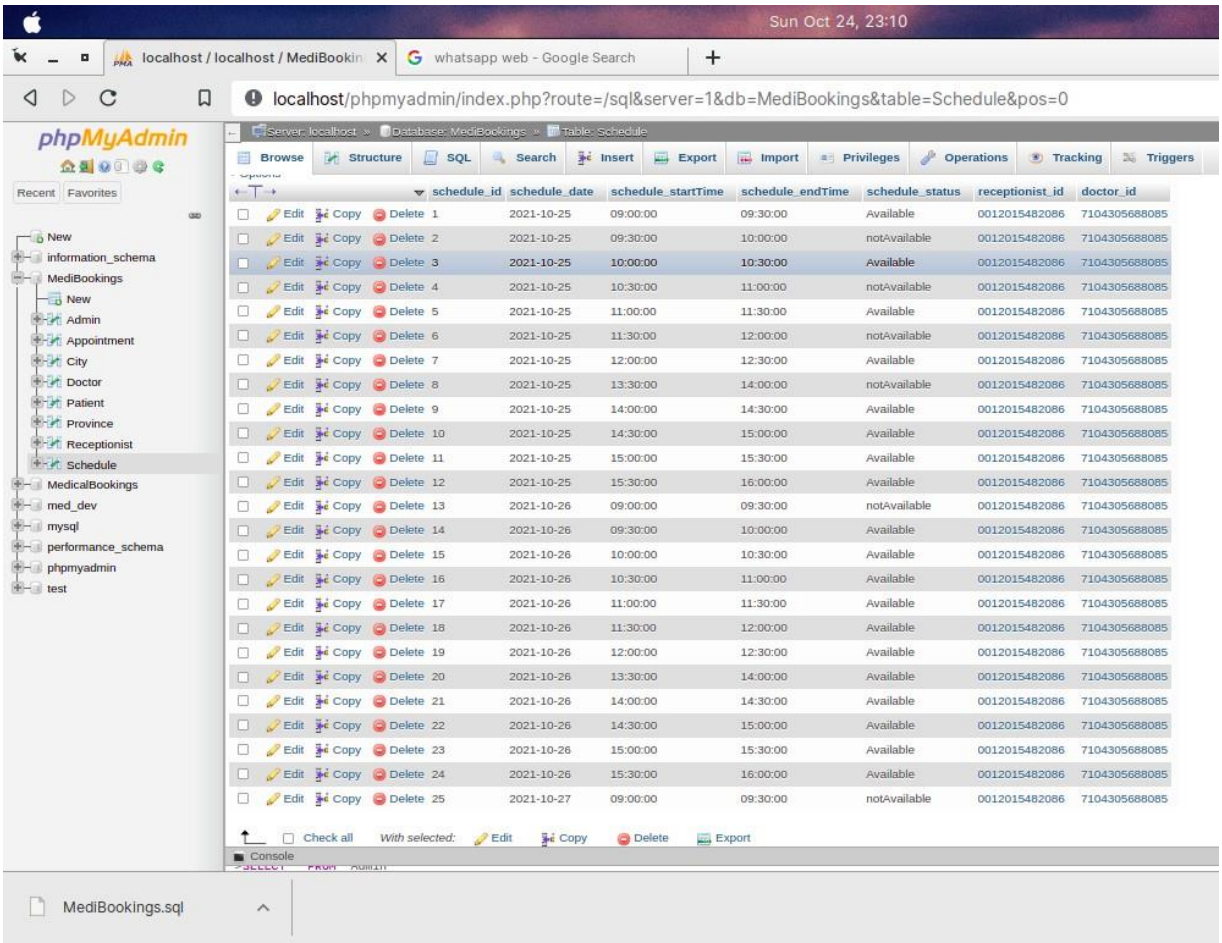
+ Options

	receptionist_id	receptionistFirstName	receptionistLastName	receptionistPhone	receptionistEmail	receptionistPassword	admin_id
Edit Copy Delete	0012015482086	Phindile	Masimula	0783205460	Phindile00@gmail.com	Phindile078	9608275688084
Edit Copy Delete	0012235682086	Pertunia	Senamela	0799605460	Pertunia00@tut.ac.za	Pertunia079	9608275688084
Edit Copy Delete	9008235788084	Pretty	Mahlangu	0662427459	pretty99@gmail.com	pretty90	9608275688084
Edit Copy Delete	9207125688084	Sbusiso	Mvundla	0798865746	Sbu978@gmail.com	Sbusiso99	9608275688084
Edit Copy Delete	9709083456081	Innocent	Makua	076044178	mahkua@gmail.com	makual9	9608275688084
Edit Copy Delete	9821057898089	William	Stains	08234235799	William@gmail.com	Will@11	9608275688084
Edit Copy Delete	9908025252088	Duduzile	Msiza	0823434599	duduzile12@gmail.com	dudu12	9608275688084
Edit Copy Delete	9908053556082	Mduduzi	Hlatshwayo	08234356799	mduhlatshwayo@gmail.com	mduduzi11	9608275688084
Edit Copy Delete	9908125812082	Tracy	Seloma	0783669858	tracy11@gmail.com	traceMe	9608275688084
Edit Copy Delete	9908235788084	Martha	Mahlangu	0662427459	martha99@gmail.com	Martha99	9608275688084

Check all | With selected: Edit Copy Delete Export

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Schedule Table



1. 5 IMPORTANT USE CASES

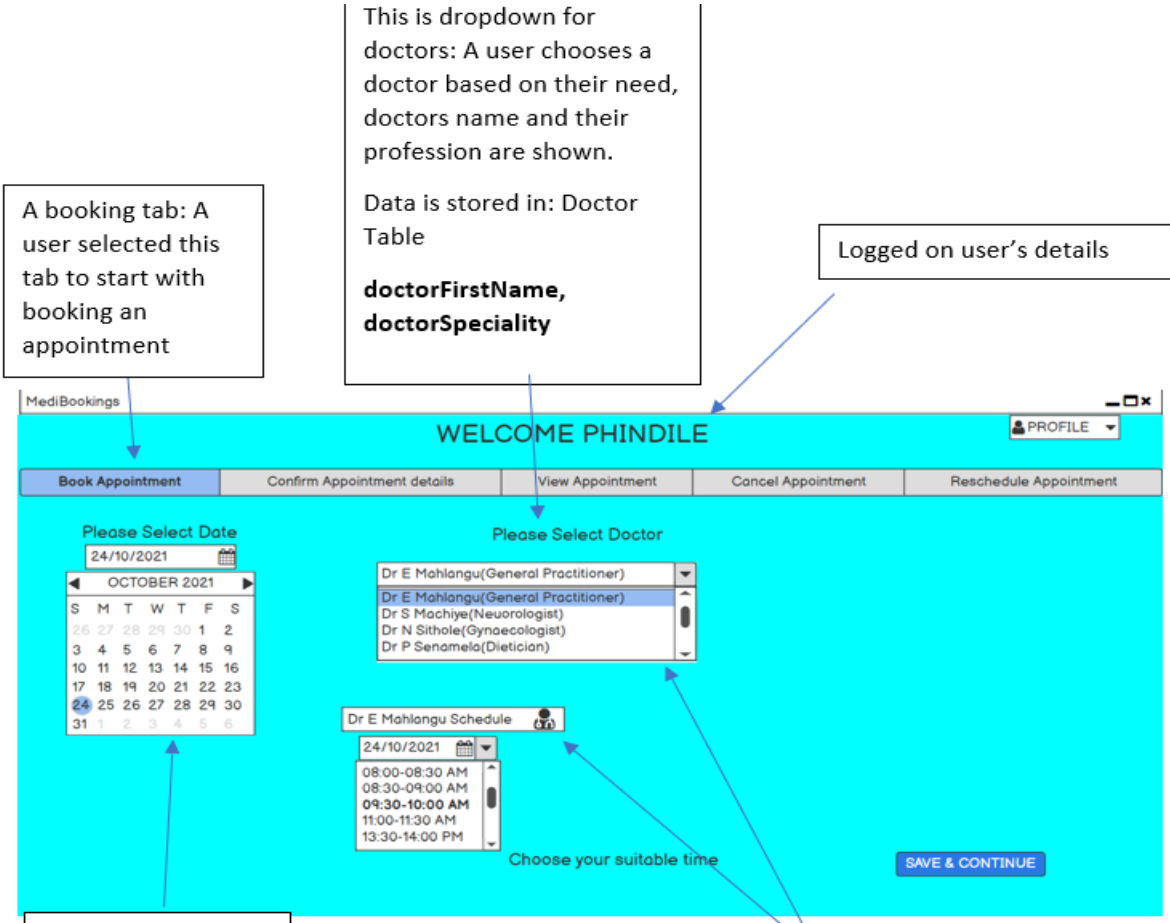
Compiled by 218718477 Masimula P

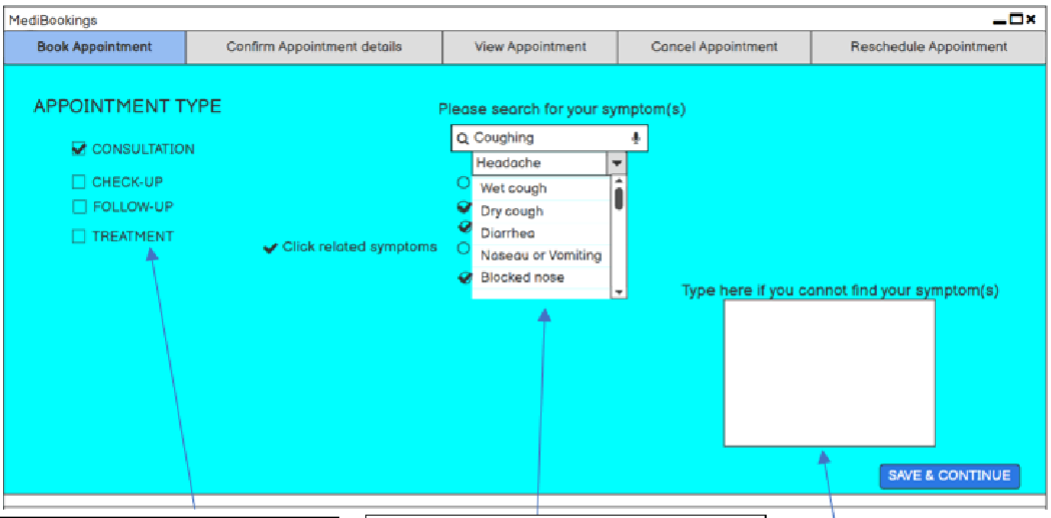
Full use case description

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 cases:	Search appointment availability 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 time for appointment 2. Enters patient details	1.1 Verifies selected appointment 2.2 System verifies patient details as correct
Exception conditions	Appointment unavailable	

Page Design


This is dropdown for doctors: A user chooses a doctor based on their need, doctors name and their profession are shown.
Data is stored in: Doctor Table
doctorFirstName, doctorSpeciality
A booking tab: A user selected this tab to start with booking an appointment
Logged on user's details
MediBookings
WELCOME PHINDILE
PROFILE
Book Appointment
Confirm Appointment details
View Appointment
Cancel Appointment
Reschedule Appointment
Please Select Date
24/10/2021
OCTOBER 2021
Please Select Doctor
Dr E Mahlangu(General Practitioner)
Dr S Machiye(Neurologist)
Dr N Sithole(Gynaecologist)
Dr P Senamela(Dietician)
Dr E Mahlangu Schedule
24/10/2021
08:00-08:30 AM
08:30-09:00 AM
09:30-10:00 AM
11:00-11:30 AM
13:30-14:00 PM
Choose your suitable time
SAVE & CONTINUE
A user selects a suitable date for the appointment
Which will be stored in
schedule_Date
Data stored in: Schedule table
After selecting a doctor, Doctor's schedule is shown below with available slots, the user can choose their suitable time. The schedule id will be taken from the selected time and date.
Data stored in: Schedule Table and Appointment table
appointmentStatus: Inserted
scheduleDate: Read
scheduleId:Read
scheduleStatus :Updated



A user chooses their appointment type based on their need

Data Stored in: Appointment Table

appointmentType: Inserted

A user searches for their symptoms then a drop down of related symptoms is displayed

The symptoms are inserted in **appointmentSymptoms**

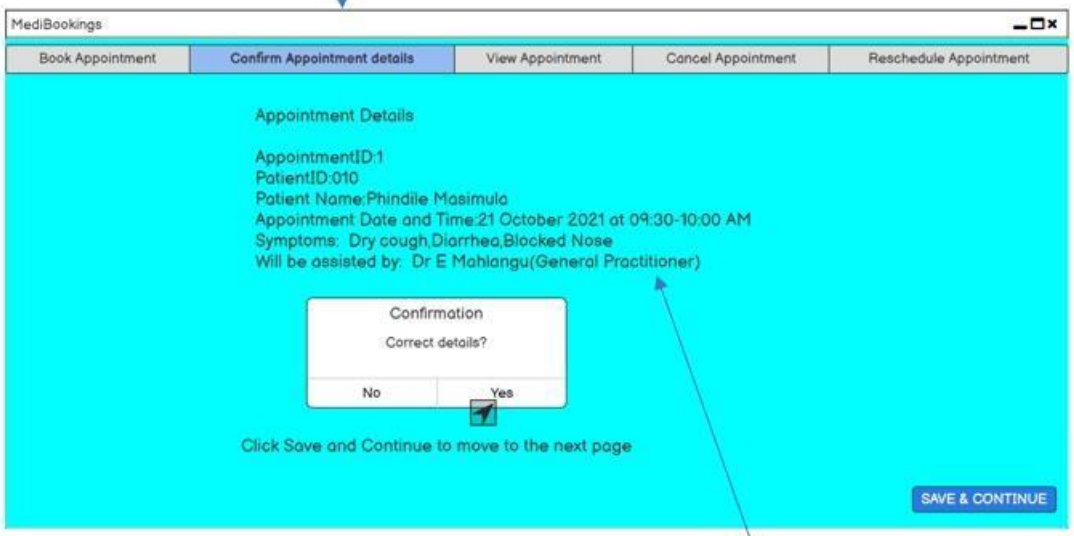
Data stored in: Appointment Table

A user can type here if their symptoms are not found on the search bar

The symptoms are inserted in **appointmentSymptoms**

Data stored in: Appointment Table

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



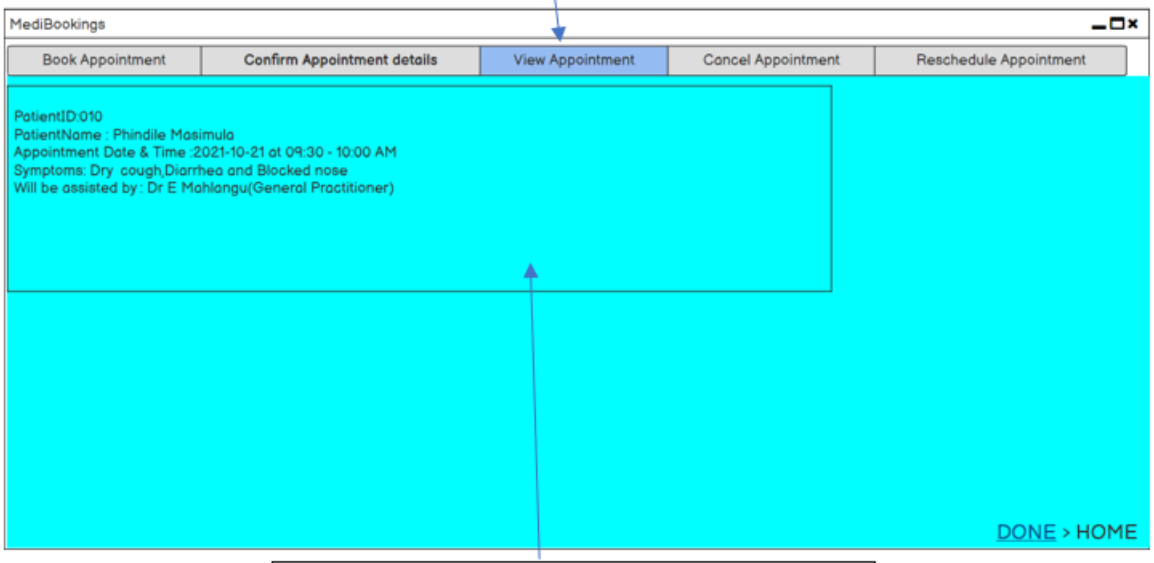
Appointment Details are stated above of patient appointment which displays all the details of the appointment, **patientId** is taken from the logged on users' information and the **appointmentId** is generated automatically when a patient books for the appointment, a popup notification is showed to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

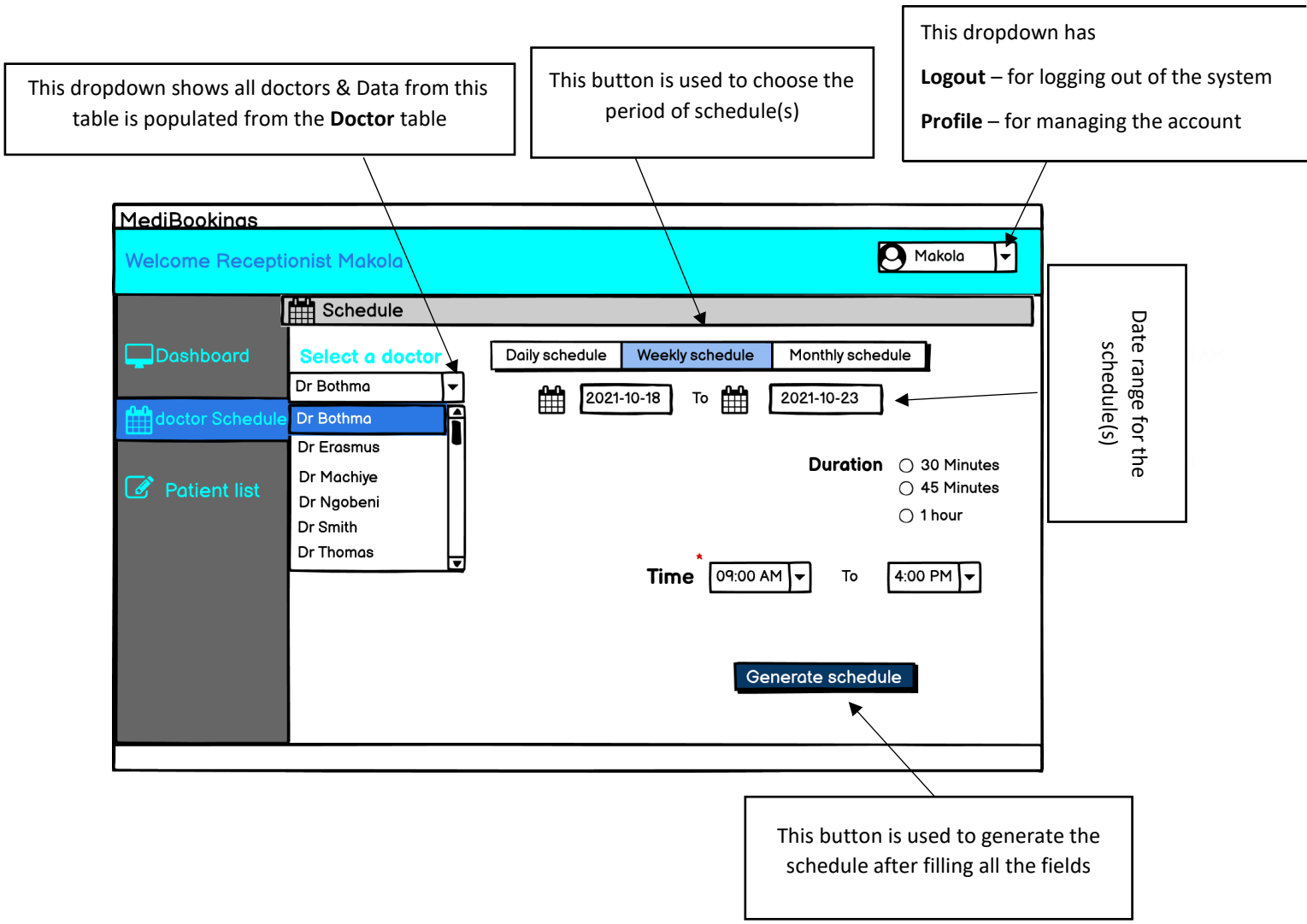
Compiled by 218726283 Senamela P

Full use case description

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 cases:	Reschedule appointment Update appointment	
Stakeholders:	Receptionist Doctor	
Preconditions:	Available schedule	
Postconditions:	Doctor schedule is updated	
Flow of activities:	**Actor**	**System**
	1. Receptionist logs in and selects doctor schedule on the system 2. Receptionist updates the schedule	1.1 System provides the receptionist with the current doctor's schedule 2.2 System sends message to stakeholders that the schedule has been updated
Exception Conditions	Schedule details not found	

Page Designs



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).

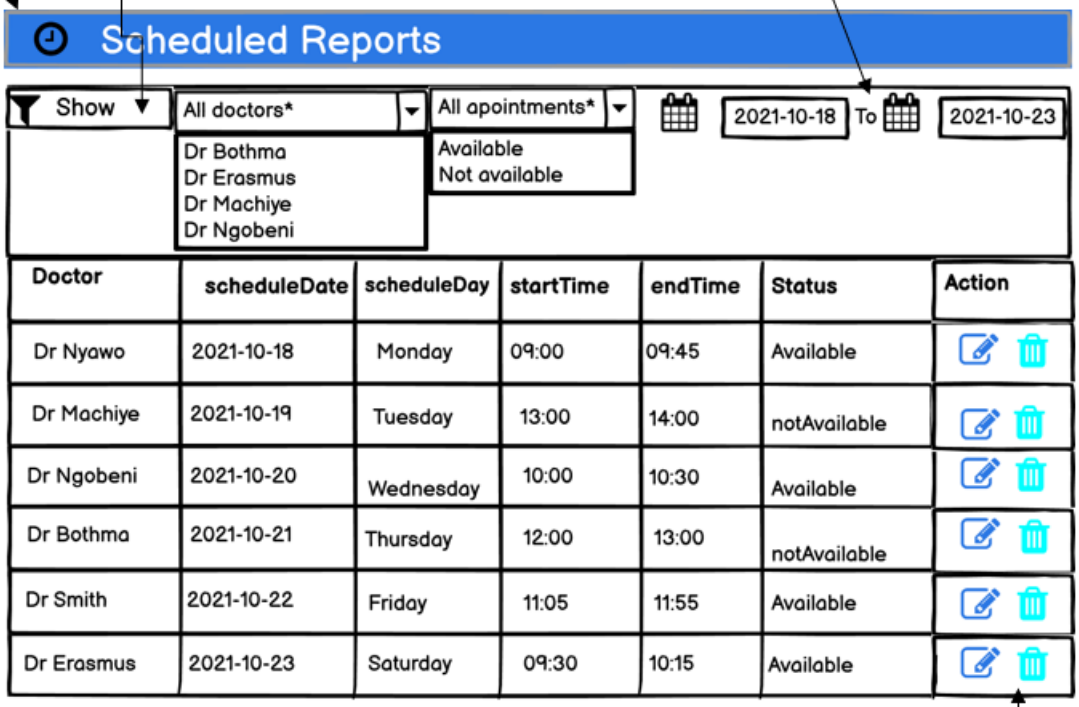
Data of this table comes from

Doctor table (DoctorLastname)

Schedule table (scheduleDate, scheduleDay and etc)

Receptionist can filter by the status or a doctor

This is where the doctor chooses the start and end date of the schedule



Doctor	scheduleDate	scheduleDay	startTime	endTime	Status	Action
Dr Nyawo	2021-10-18	Monday	09:00	09:45	Available	
Dr Machiye	2021-10-19	Tuesday	13:00	14:00	notAvailable	
Dr Ngobeni	2021-10-20	Wednesday	10:00	10:30	Available	
Dr Bothma	2021-10-21	Thursday	12:00	13:00	notAvailable	
Dr Smith	2021-10-22	Friday	11:05	11:55	Available	
Dr Erasmus	2021-10-23	Saturday	09:30	10:15	Available	

This column edits or delete the scheduled report

- 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

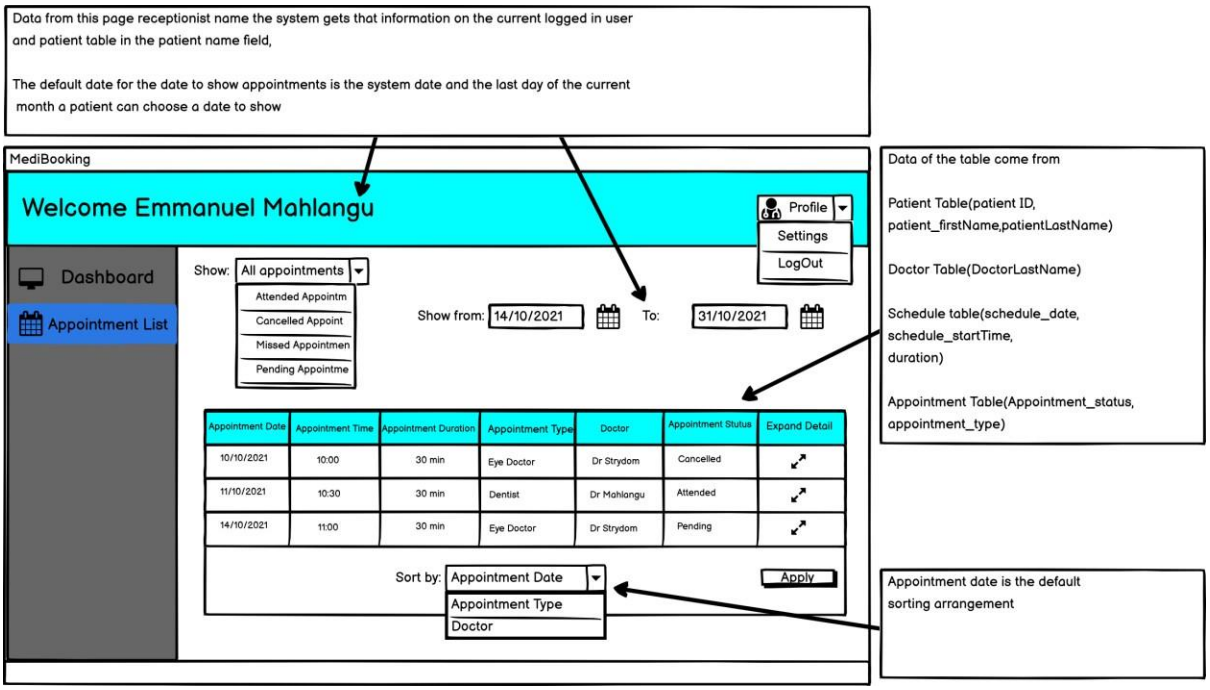
Compiled by 215194043 Machiye SGX

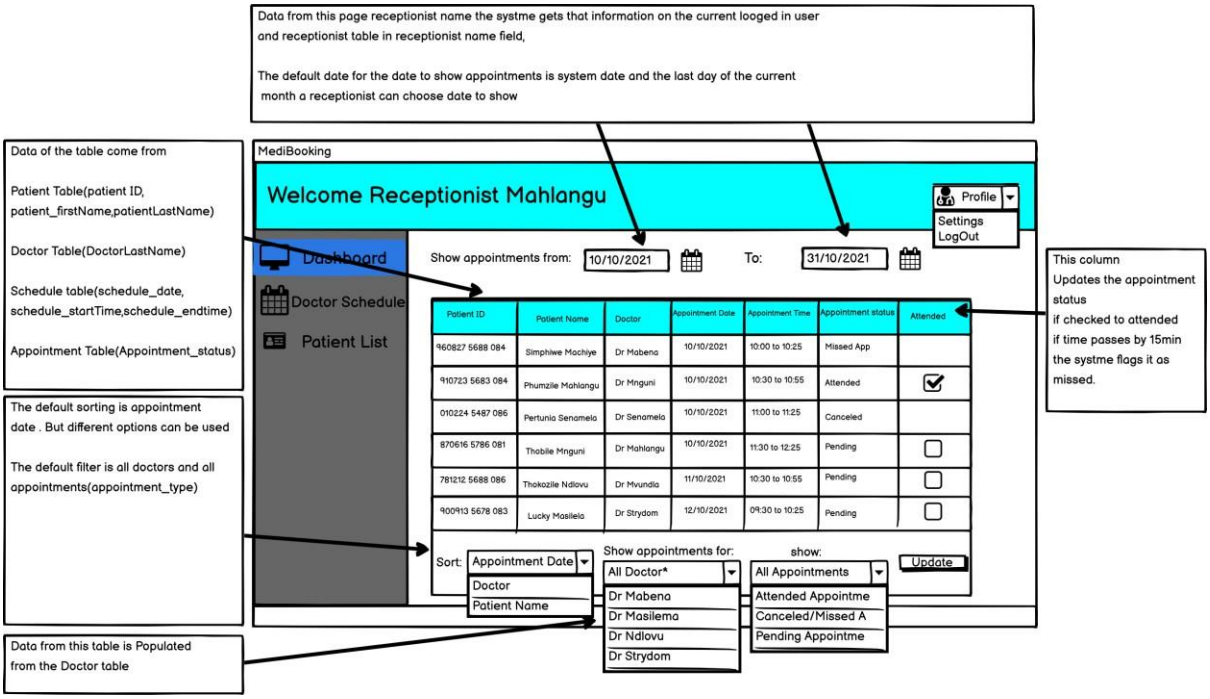
Full Use Case description

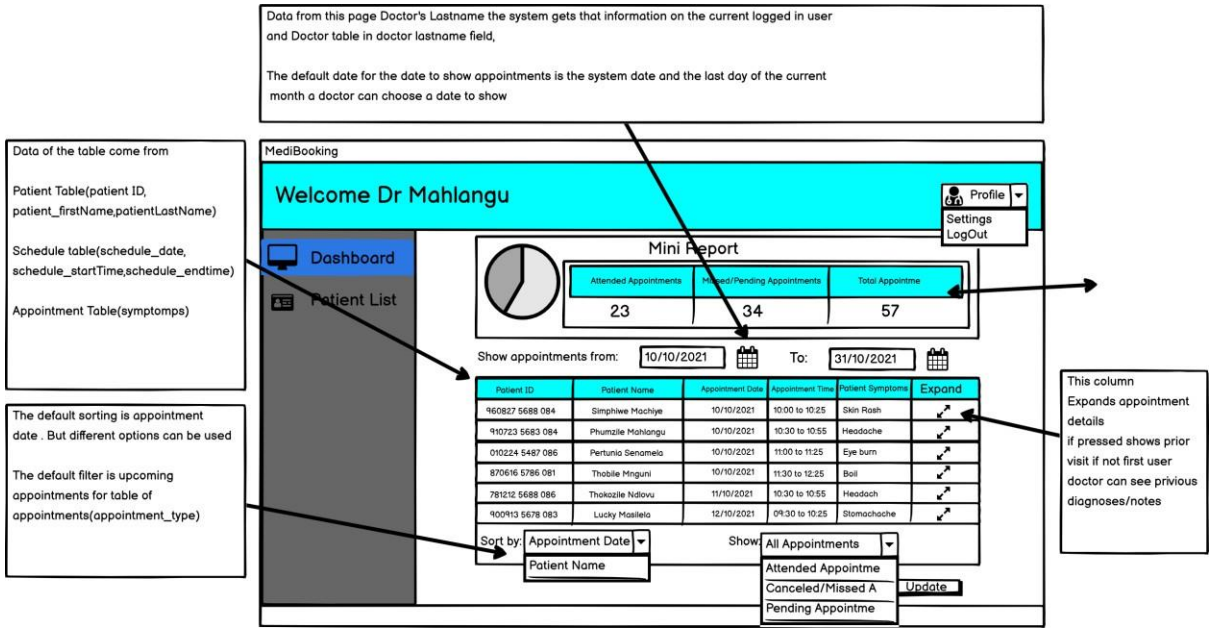
1.3. View Upcoming Appointments

Use case name:	View Upcoming appointments	
Scenario:	Patient/Doctor Views his/her upcoming appointment	
Triggering event:	Request for upcoming appointment	
Brief description:	Doctor/Patient/Receptionist wants to check upcoming appointments	
Actors:	Doctor Patient Receptionist	
Related use cases:	Book appointments	
Stakeholders:	Receptionist Doctor Patient	
Preconditions:	Pending appointments	
Postconditions:	Upcoming appointment list viewed	
Flow of activities:	**Actor**	**System**
	1.Receptionist logs in and selects view upcoming appointmentson the system 2. Upcoming appointment view	1.1 System provides the doctor/patient/receptionist with theupcoming appointment list 2.2 System displays the appointment list
Exception conditions	Doctor can view only his/her upcoming appointments Patient can view only his/her appointment	

Page Design


Data from this page receptionist name the system gets that information on the current logged in user and patient table in the patient name field,
The default date for the date to show appointments is the system date and the last day of the current month a patient can choose a date to show
MediBooking
Welcome Emmanuel Mahlangu
Profile
Settings
LogOut
Dashboard
Appointment List
Show: All appointments
Attended Appointm
Cancelled Appoint
Missed Appointmen
Pending Appointme
Show from: 14/10/2021
To: 31/10/2021
Appointment Date
Appointment Time
Appointment Duration
Appointment Type
Doctor
Appointment Status
Expand Detail
10/10/2021 10:00 30 min Eye Doctor Dr Strydom Cancelled
11/10/2021 10:30 30 min Dentist Dr Mahlangu Attended
14/10/2021 11:00 30 min Eye Doctor Dr Strydom Pending
Sort by: Appointment Date
Appointment Type
Doctor
Apply
Data of the table come from
Patient Table(patient ID, patient_firstName,patientLastName)
Doctor Table(DoctorLastName)
Schedule table(schedule_date, schedule_startTime, duration)
Appointment Table(Appointment_status, appointment_type)
Appointment date is the default sorting arrangement


Data from this page receptionist name the systme gets that information on the current looged in user and receptionist table in receptionist name field,
The default date for the date to show appointments is system date and the last day of the current month a receptionist can choose date to show
Data of the table come from
Patient Table(patient ID, patient_firstName,patientLastName)
Doctor Table(DoctorLastName)
Schedule table(schedule_date, schedule_startTime,schedule_endtime)
Appointment Table(Appointment_status)
The default sorting is appointment date . But different options can be used
The default filter is all doctors and all appointments(appointment_type)
Data from this table is Populated from the Doctor table
MediBooking
Welcome Receptionist Mahlangu
Profile
Settings
LogOut
Dashboard
Doctor Schedule
Patient List
Show appointments from: 10/10/2021
To: 31/10/2021
Patient ID
Patient Name
Doctor
Appointment Date
Appointment Time
Appointment status
Attended
960827 5688 084 Simphiwe Machiye Dr Mabena 10/10/2021 10:00 to 10:25 Missed App
910723 5683 084 Phumzile Mahlangu Dr Mnguni 10/10/2021 10:30 to 10:55 Attended
010224 5487 086 Pertunia Senamela Dr Senamela 10/10/2021 11:00 to 11:25 Canceled
870616 5786 081 Thobile Mnguni Dr Mahlangu 10/10/2021 11:30 to 12:25 Pending
781212 5688 086 Thokozile Ndlovu Dr Mvundla 11/10/2021 10:30 to 10:55 Pending
900913 5678 083 Lucky Masilela Dr Strydom 12/10/2021 09:30 to 10:25 Pending
Sort: Appointment Date
Doctor
Patient Name
Show appointments for:
All Doctor*
Dr Mabena
Dr Masilema
Dr Ndlovu
Dr Strydom
show:
All Appointments
Attended Appointme
Canceled/Missed A
Pending Appointme
Update
This column Updates the appointment status if checked to attended if time passes by 15min the systme flags it as missed.


Data from this page Doctor's Lastname the system gets that information on the current logged in user and Doctor table in doctor lastname field,
The default date for the date to show appointments is the system date and the last day of the current month a doctor can choose a date to show
Data of the table come from
Patient Table(patient ID, patient_firstName,patientLastName)
Schedule table(schedule_date, schedule_startTime,schedule_endtime)
Appointment Table(symptomps)
The default sorting is appointment date . But different options can be used
The default filter is upcoming appointments for table of appointments(appointment_type)
MediBooking
Welcome Dr Mahlangu
Profile
Settings
LogOut
Dashboard
Patient List
Mini Report
Attended Appointments
Missed/Pending Appointments
Total Appointme
23
34
57
Show appointments from:
10/10/2021
To:
31/10/2021
Patient ID
Patient Name
Appointment Date
Appointment Time
Patient Symptoms
Expand
960827 5688 084
Simphiwe Machiye
10/10/2021
10:00 to 10:25
Skin Rash
910723 5683 084
Phumzile Mahlangu
10/10/2021
10:30 to 10:55
Headache
010224 5487 086
Pertunia Senamela
10/10/2021
11:00 to 11:25
Eye burn
870616 5786 081
Thobile Mnguni
10/10/2021
11:30 to 12:25
Boil
781212 5688 086
Thokozile Ndlovu
11/10/2021
10:30 to 10:55
Headach
900913 5678 083
Lucky Masilela
12/10/2021
09:30 to 10:25
Stomachache
Sort by:
Appointment Date
Patient Name
Show:
All Appointments
Attended Appointme
Canceled/Missed A
Pending Appointme
Update
This column Expands appointment details
if pressed shows prior visit if not first user doctor can see privious diagnoses/notes

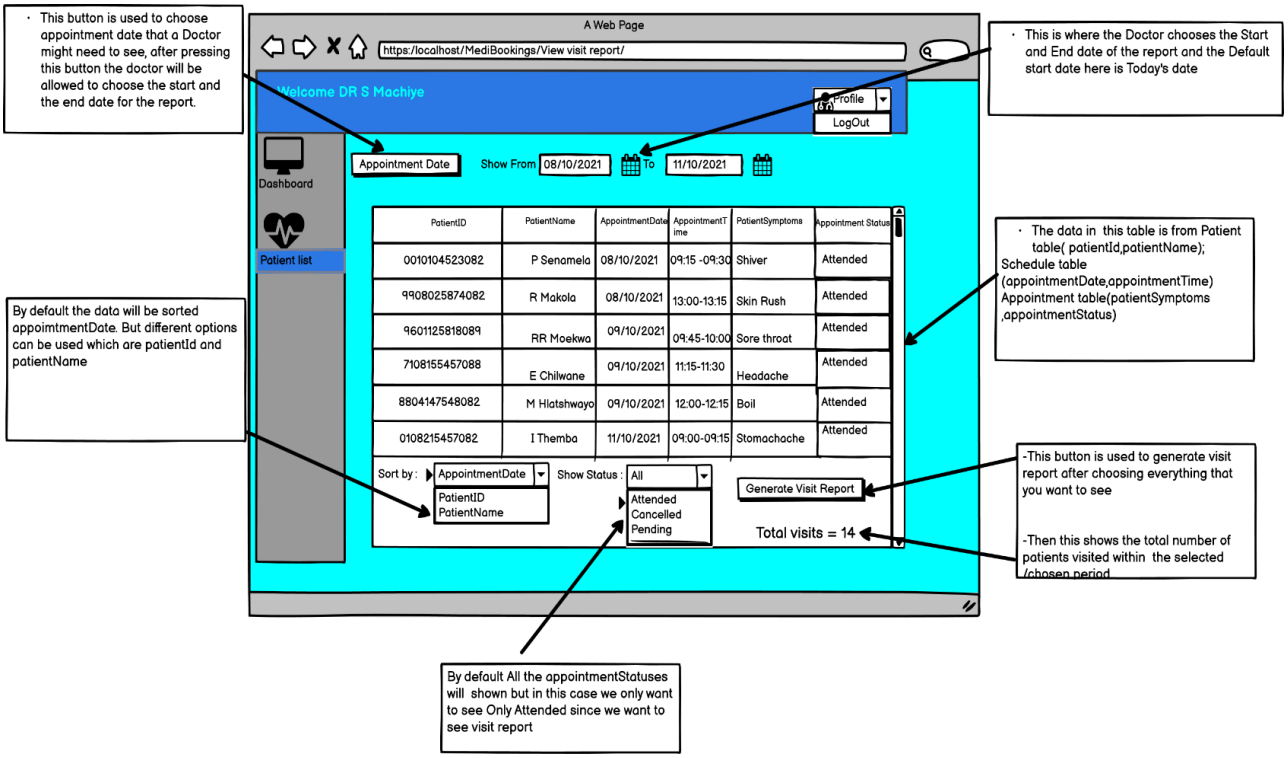
Compiled by 218030033 Mahlangu E

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 re- quest a visit report 2. Doctor chooses monthly or weekly or daily report 3. Doctor view, prints orsaves the report	1.1 System provides visit report form 2.2 System displays the visit report
Exception conditions	Report not found Invalid doctor's information	

Page Design


This button is used to choose appointment date that a Doctor might need to see, after pressing this button the doctor will be allowed to choose the start and the end date for the report.
A Web Page
https:/localhost/MediBookings/View visit report/
This is where the Doctor chooses the Start and End date of the report and the Default start date here is Today's date
Welcome DR S Machiye
Profile
LogOut
Dashboard
Patient list
Appointment Date
Show From 08/10/2021
To
11/10/2021
PatientID
PatientName
AppointmentDate
AppointmentTime
PatientSymptoms
Appointment Status
0010104523082
P Senamela
08/10/2021
09:15 -09:30
Shiver
Attended
9908025874082
R Makola
08/10/2021
13:00-13:15
Skin Rush
Attended
9601125818089
RR Moekwa
09/10/2021
09:45-10:00
Sore throat
Attended
7108155457088
E Chilwane
09/10/2021
11:15-11:30
Headache
Attended
8804147548082
M Hlatshwayo
09/10/2021
12:00-12:15
Boil
Attended
0108215457082
I Themba
11/10/2021
09:00-09:15
Stomachache
Attended
The data in this table is from Patient table(patientId,patientName); Schedule table (appointmentDate,appointmentTime) Appointment table(patientSymptoms ,appointmentStatus)
By default the data will be sorted appoimtmentDate. But different options can be used which are patientId and patientName
Sort by :
AppointmentDate
PatientID
PatientName
Show Status :
All
Attended
Cancelled
Pending
Generate Visit Report
Total visits = 14
-This button is used to generate visit report after choosing everything that you want to see
-Then this shows the total number of patients visited within the selected /chosen period
By default All the appointmentStatuses will shown but in this case we only want to see Only Attended since we want to see visit report

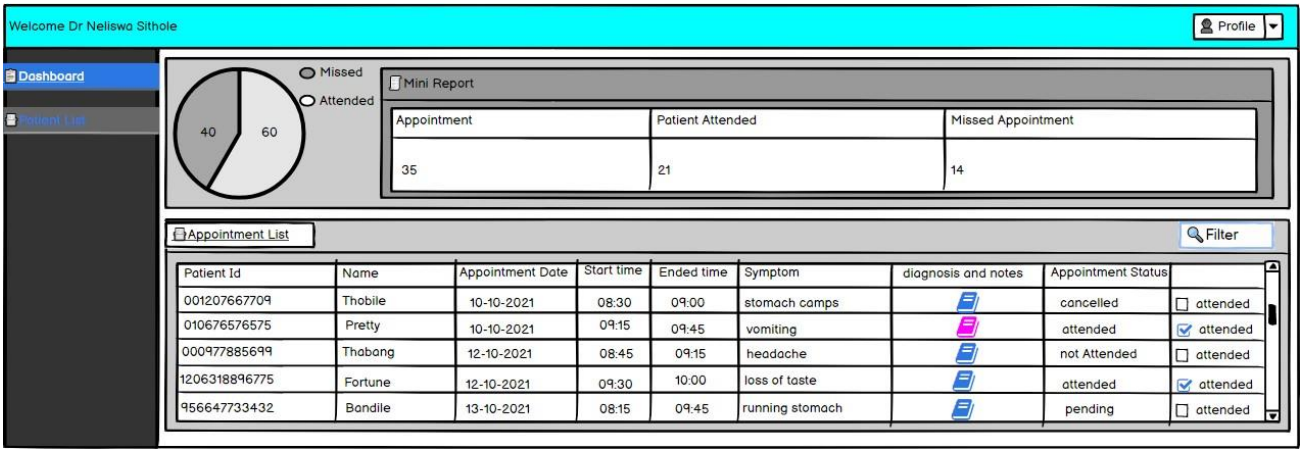
Compiled by 219034881 Sithole NM

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 cases:	View visit report	
Stakeholders:	Patient Doctor	
Preconditions:	Appointment attendance	
Postconditions:	Appointment status updated	
Flow of activities:	**Actor**	**System**
	1. Doctor logs in and view appointment list 2. Doctors select and updates the ap-appointment status	1.1 System provides upcoming ap-ap-appointment list 2.2 System displays the appointment 2.3 System saves the up-dated appointment status
Exception conditions	Appointment not found	

Page Design



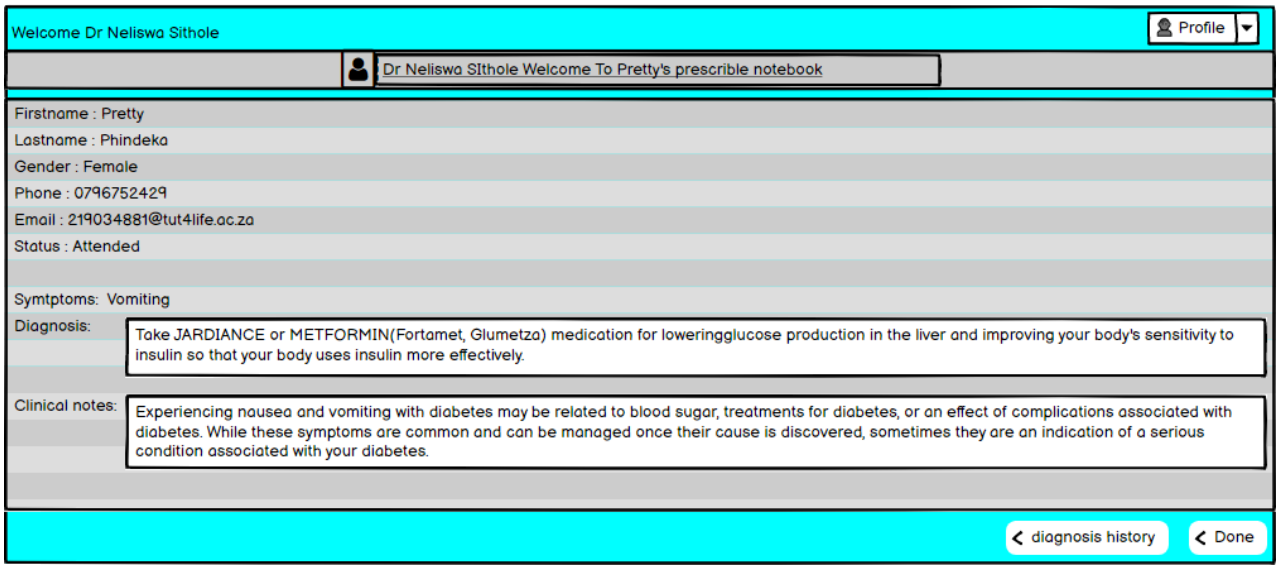
In the page design above we have the doctor logged in and all the patients in the appointment list are displayed and saved in the appointment table.

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).