

Hospital Management System

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Introduction



- The Hospital Management System (HMS) is a system designed for any Hospital to replace their existing manual, paper based system. This system targets to provide complete solution for Hospital and Health care services.
- This system can be used in any Hospital, Clinic, Diagnostics or Pathology labs for maintaining patient details and their test results.
- The system integrates the entire Resources of a Hospital into One Integrated Software Application.

Features

- Useful for;
 - Large, medium Hospitals and Nursing Homes
 - Gynaecologist, Physicians, Surgeons
- Generate prescriptions fast
- Both online and offline compatible
- Compatible to windows 7 or higher
- SMS facility





Benefits

- Minimize hand written work from admission to discharge of patient and final billing.
- Helps to minimize your repeated works and take care of the complete functionality of your hospital.
- Daily collection of report.
- It is a huge time saver and really facilitates proper communication among the management, and staff.

Modules

Statistics

Patients

Doctor

Appointments

Payments

Room Allocation

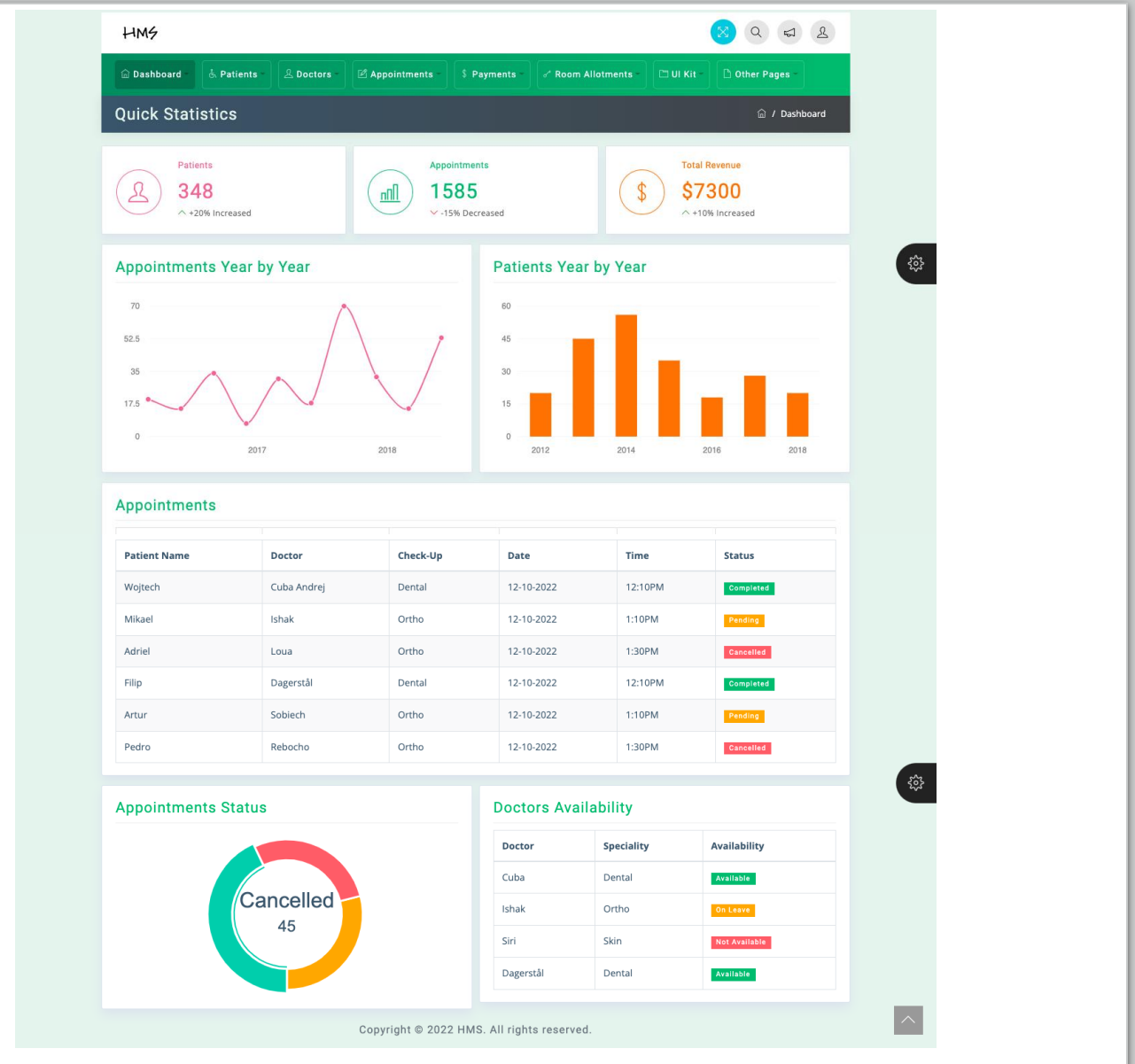
Register

Login

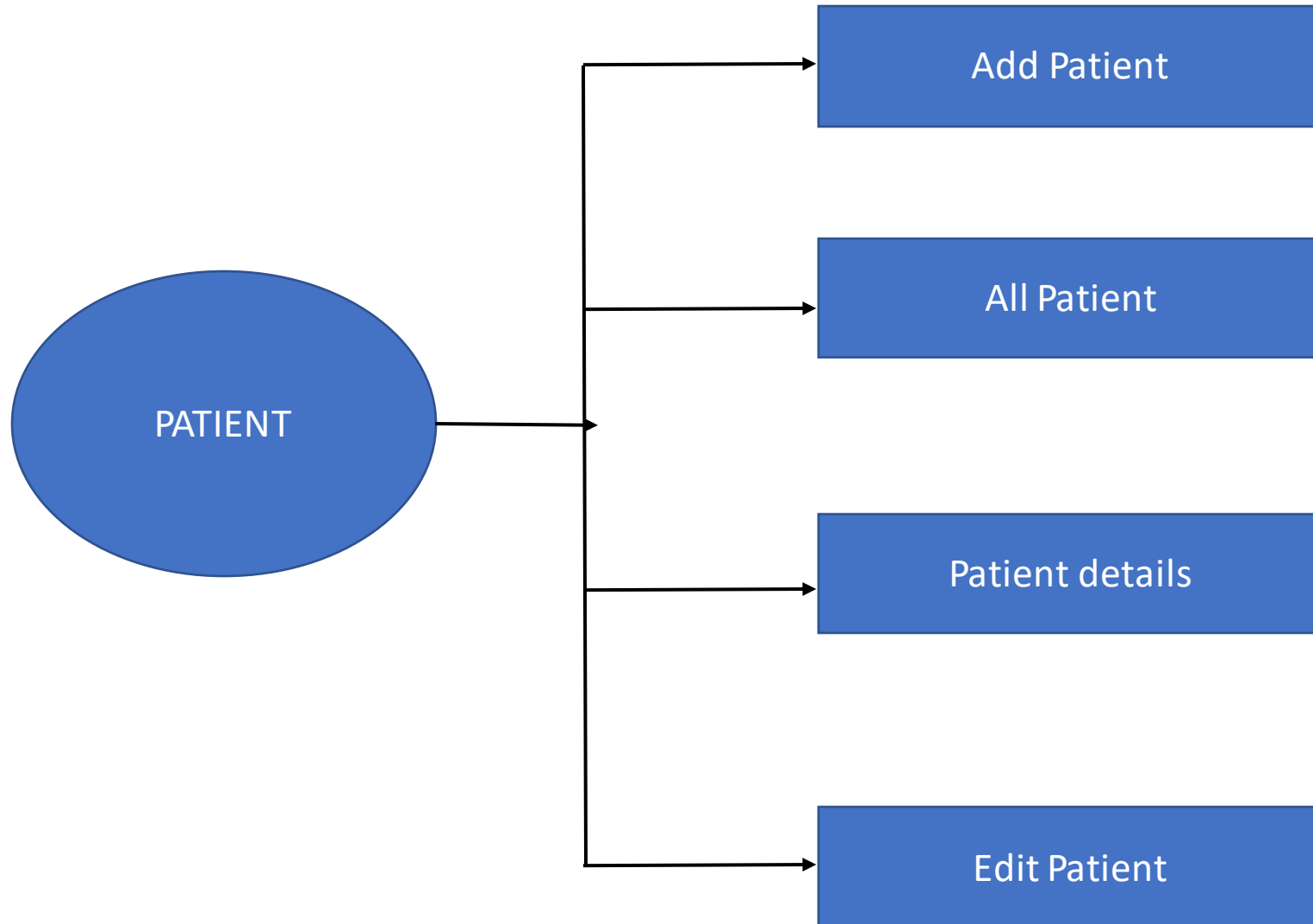
Contact

1. Statistics/Dashboard

- Here we can check statistics of the hospital over a period of time.



2. Patients Module



2. Patients

2.1 Add patient.

- Add patients details

The screenshot displays the 'Add Patient' form in the HMS application. The form is titled 'Add Patient' and includes a breadcrumb trail: 'Patients / Add Patient'. The form fields are as follows:

- Patient Name:** Input field with 'Erick Rotich' and a dropdown menu showing 'ERICK ROTICH'.
- Date Of Birth:** Input field with '25/03/1996' and a calendar icon.
- Age:** Input field with '26'.
- Phone:** Input field with '792205401'.
- Email:** Input field with 'erickrotich768@gmail.com'.
- Gender:** Dropdown menu with 'Male' selected.
- Address:** Input field with 'Słowackiego 20/7'.
- File:** Input field with a 'Choose file' button and 'No file chosen' text.

Below the form fields, there is a 'Please Confirm' checkbox and a green 'Submit' button. The form is surrounded by a green header bar with navigation links: 'Dashboard', 'Patients', 'Doctors', 'Appointments', 'Payments', 'Room Allotments', 'UI Kit', and 'Other Pages'. The footer of the form contains a copyright notice: 'Copyright © 2022 HMS. All rights reserved.'.

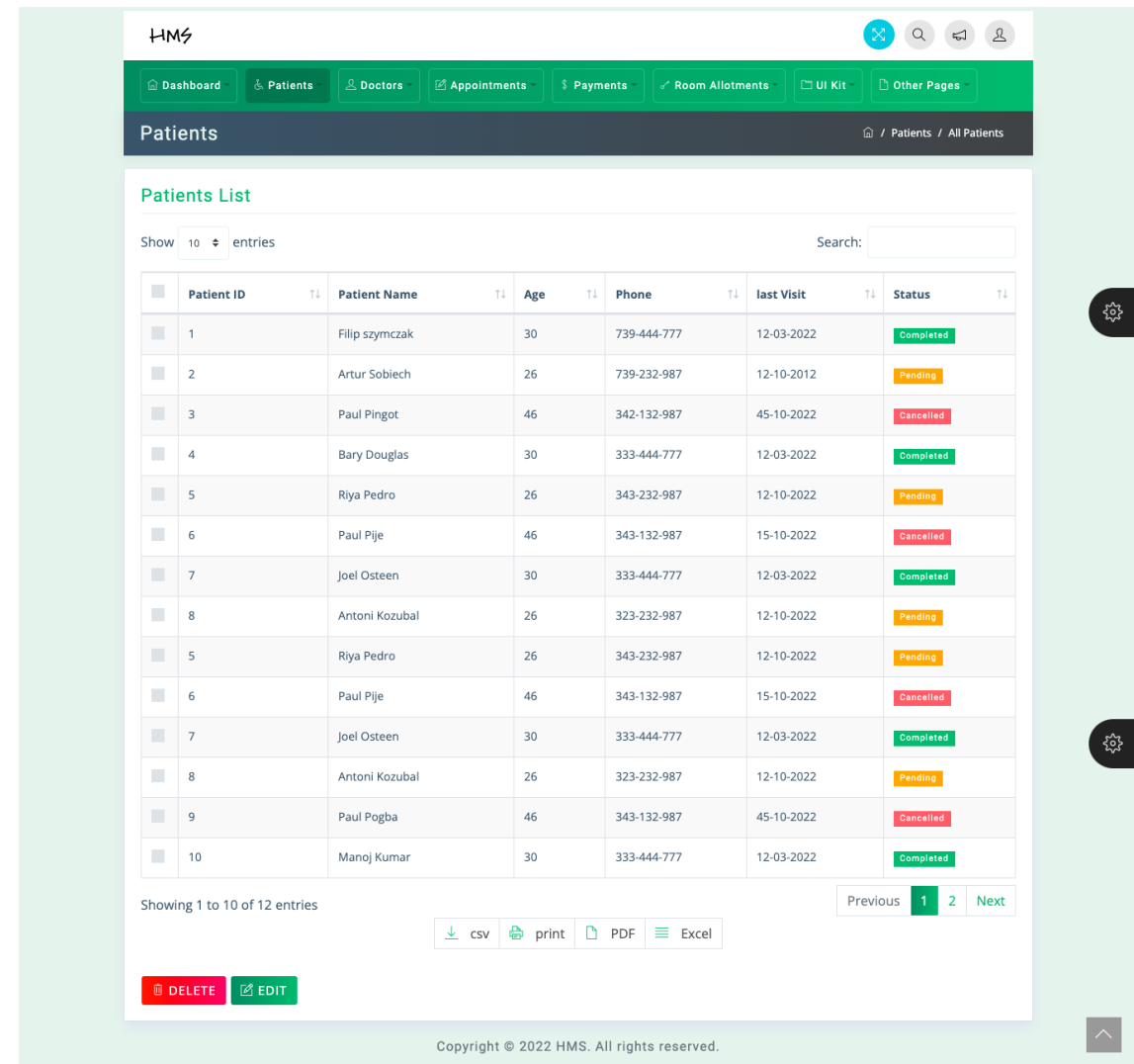
At the bottom of the form, there are two messages:

- A green message: 'Successfully Done! Please add payment now'.
- A yellow message: 'Holy guacamole! You should check in on some of those fields below.'

2. Patients

2.2 All patient.

- Here we can check list of all patients.
- We can delete or edit details.
- We can print or download.



The screenshot displays the 'Patients List' interface within the HMS application. The top navigation bar includes links for Dashboard, Patients, Doctors, Appointments, Payments, Room Allotments, UI Kit, and Other Pages. The 'Patients' section is active, showing a list of 12 patients. The table columns are Patient ID, Patient Name, Age, Phone, last Visit, and Status. The status is color-coded: green for 'Completed', yellow for 'Pending', and red for 'Cancelled'. Below the table, there are pagination controls (Showing 1 to 10 of 12 entries), download options (csv, print, PDF, Excel), and action buttons (DELETE, EDIT). The footer indicates 'Copyright © 2022 HMS. All rights reserved.'

HMS

Dashboard Patients Doctors Appointments Payments Room Allotments UI Kit Other Pages

Patients / Patients / All Patients

Patients List

Show 10 entries Search:

	Patient ID	Patient Name	Age	Phone	last Visit	Status
	1	Filip szymczak	30	739-444-777	12-03-2022	Completed
	2	Artur Sobiech	26	739-232-987	12-10-2012	Pending
	3	Paul Pingot	46	342-132-987	45-10-2022	Cancelled
	4	Bary Douglas	30	333-444-777	12-03-2022	Completed
	5	Riya Pedro	26	343-232-987	12-10-2022	Pending
	6	Paul Pije	46	343-132-987	15-10-2022	Cancelled
	7	Joel Osteen	30	333-444-777	12-03-2022	Completed
	8	Antoni Kozubal	26	323-232-987	12-10-2022	Pending
	5	Riya Pedro	26	343-232-987	12-10-2022	Pending
	6	Paul Pije	46	343-132-987	15-10-2022	Cancelled
	7	Joel Osteen	30	333-444-777	12-03-2022	Completed
	8	Antoni Kozubal	26	323-232-987	12-10-2022	Pending
	9	Paul Pogba	46	343-132-987	45-10-2022	Cancelled
	10	Manoj Kumar	30	333-444-777	12-03-2022	Completed

Showing 1 to 10 of 12 entries

Previous 1 2 Next

csv print PDF Excel

DELETE EDIT

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2. Patients

2.3 Patient details.

- We can see patients details.
- Patients visit.
- Patients payment transactions.
- We can delete, edit or download details.

The screenshot displays the HMS (Hospital Management System) interface for Patient Details. The top navigation bar includes links to Dashboard, Patients, Doctors, Appointments, Payments, Room Allotments, UI Kit, and Other Pages. The breadcrumb trail shows the path: Patients / Patient Details.

Patient Details

Name	Michael Skóraś
Date Of Birth	15-02-2000
Gender	Male
Address	Osiedle rzeszypolitej, Poznań
Phone	+48 111 111 111
Email	your@email.com

Actions: [Download CSV](#), [Print](#), [PDF](#), [Excel](#), [Edit Patient](#), [Delete Patient](#), [Download File](#)

Patient Visits

Doctor Name	Cost	Visit Date	Status
Ishak	\$30	12-03-2022	Rescheduled
Rebocho	\$26	12-10-2022	Operation
Paul	\$46	15-10-2022	Fever
Ishak	\$30	12-03-2022	Ortho
Riya	\$26	12-10-2022	General Check-up
Paul	\$46	15-10-2022	Injury

Actions: [Download CSV](#), [Print](#), [PDF](#), [Excel](#)

Patient Payment Transactions

Date	Cost	Discount	Payment Type	Invoive	Status
12-03-2022	\$300	15%	Check	↓ Invoive	Pending
12-03-2022	\$130	5%	Credit Card	↓ Invoive	Completed
12-03-2022	\$30	5%	Credit Card	↓ Invoive	Cancelled
12-03-2022	\$30	5%	Cash	↓ Invoive	Completed
12-03-2022	\$30	5%	Credit Card	↓ Invoive	Completed
12-03-2022	\$30	5%	Insurance	↓ Invoive	Completed
12-03-2022	\$30	5%	Credit Card	↓ Invoive	Completed

Actions: [Download CSV](#), [Print](#), [PDF](#), [Excel](#)

2. Patients

2.4 Edit patient.

- Update patients details.

Edit Patient

Patient Name
Daniel Ishak

Date Of Birth
10/02/2000

Age
22

Phone
123 456 789

Email
email@email.com

Gender
Male

Address
Osiedle rzeczypospolitej, Poznań

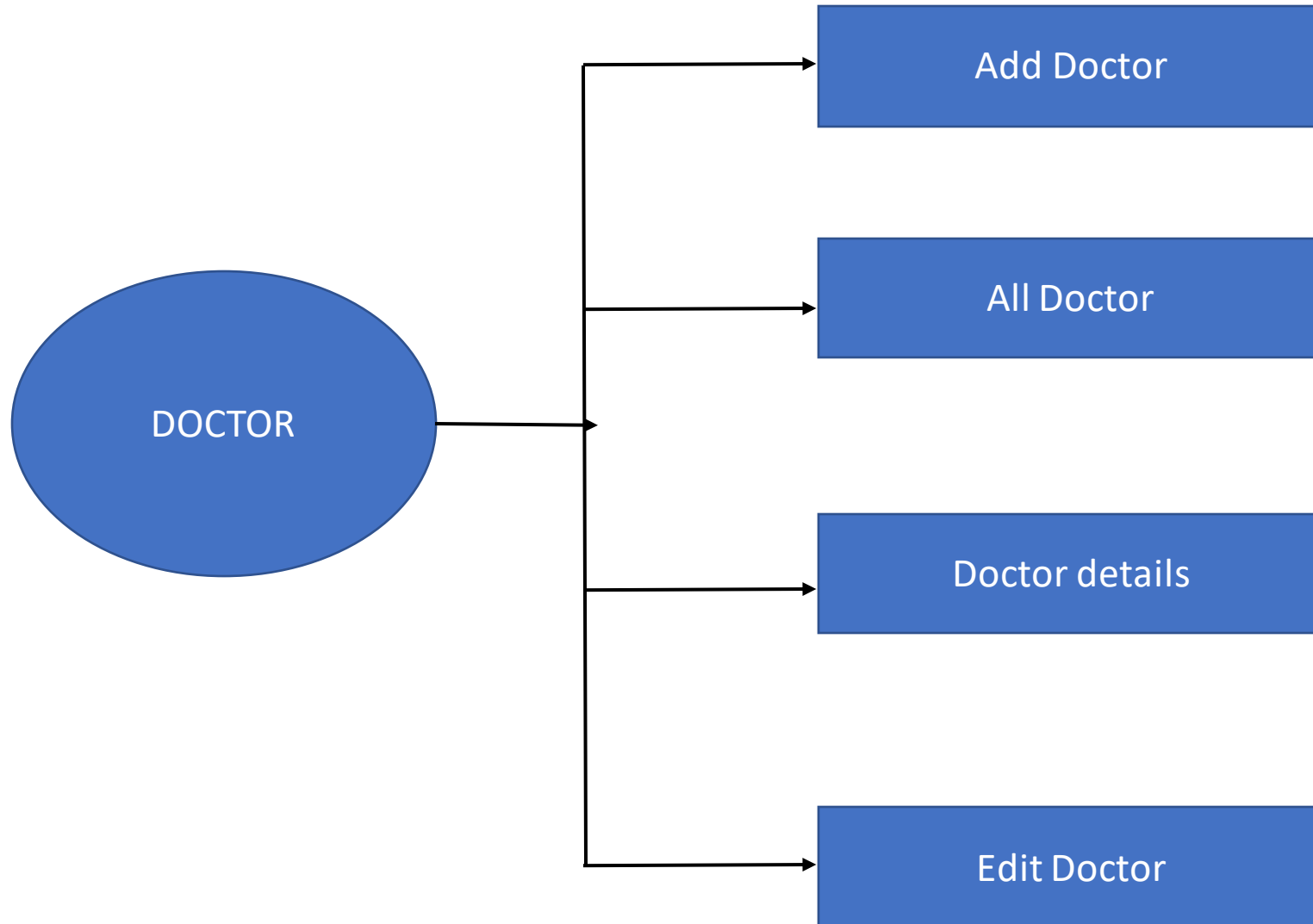
File
Choose file No file chosen

☐ Please Confirm

Update

Successfully Updated! Please add payment now

3. Doctors Module



3. Doctors

3.1 Add doctor.

- We can add a new doctor into the system.

The screenshot displays a web application interface for adding a new doctor. At the top, a green navigation bar contains the 'HMS' logo and several menu items: Dashboard, Patients, Doctors, Appointments, Payments, Room Allotments, UI Kit, and Other Pages. Below this, a dark blue header bar shows the page title 'Add Doctor' and a breadcrumb trail 'Doctors / Add Doctor'. The main form area is titled 'Add Doctor' in green. It contains several input fields arranged in two columns: 'Doctor Name' (with placeholder 'Doctor name'), 'Date Of Birth' (with placeholder 'dd/mm/yyyy' and a calendar icon), 'Specialization' (with placeholder 'Specialization'), 'Experience' (with placeholder 'Experience'), 'Age' (with placeholder 'Age'), 'Phone' (with placeholder 'Phone'), 'Email' (with placeholder 'email'), and 'Gender' (a dropdown menu currently showing 'Male'). Below these are two larger text areas: 'Doctor Details' (with placeholder 'Doctor Details') and 'Address' (with placeholder 'Address'). A 'File' section includes a 'Choose file' button and the text 'No file chosen'. At the bottom of the form, there is a 'Please Confirm' checkbox and a green 'Submit' button. Two notification banners are visible at the very bottom: a green one that says 'Successfully Done! Please Check in doctors list' and a yellow one that says 'Holy guacamole! You should check in on some of those fields below.' The interface also features a right-hand sidebar with a settings gear icon and a bottom navigation bar with an upward arrow icon.

3. Doctors

3.2 All doctor.

- List of all doctors.

HM

Dashboard

Patients

Doctors

Appointments

Payments

Room Allotments

UI Kit

Other Pages

Doctors

Doctors / All Doctors

Doctors List

Show 10 entries

Search:

	Doctor ID	Doctor Name	Experience (in Years)	Phone	Specialization	Availability
	1	Ishak	10	333-444-777	Dental	Available
	2	Siri	6	343-232-987	Ortho	On Leave
	3	Paul	15	323-132-987	General Physician	Not Available
	4	Sobiech	20	333-444-777	ENT	Available
	5	Rebocho	16	343-232-987	General Physician	On Leave
	6	Dagerstål	12	343-132-987	Ortho	Not Available
	7	Cuba Andrej	19	333-444-777	Nuero Surgen	Available
	1	Ishak	10	333-444-777	Dental	Available
	2	Siri	6	343-232-987	Ortho	On Leave
	3	Paul	15	323-132-987	General Physician	Not Available
	4	Sobiech	20	333-444-777	ENT	Available
	5	Rebocho	16	343-232-987	General Physician	On Leave
	6	Dagerstål	12	343-132-987	Ortho	Not Available
	7	Cuba Andrej	19	333-444-777	Nuero Surgen	Available
	1	Ishak	10	333-444-777	Dental	Available
	2	Siri	6	323-232-987	Ortho	On Leave
	3	Paul	15	323-132-987	General Physician	Not Available

Showing 1 to 10 of 14 entries

Previous12Next

csv

print

PDF

Excel

DELETE

EDIT

3. Doctors

3.3 Doctor details.

- Details about the doctor.
- Patients activities.

HMS

Dashboard

Patients

Doctors

Appointments

Payments

Room Allotments


UI Kit

Other Pages

Doctor Details

Doctors / Doctor Details

Doctor Details



Dr Ishak

Some quick example text to build on the card title and make up the bulk of the card's content.

Edit Doctor

Delete Doctor

Specialization	General Physician
Experience	14 Years
Gender	Male
Address	Osiedle Jana III Sobieskiego, Poznań
Phone	+48 111 111 111
Date Of Birth	26-10-1989
Email	Ishak@email.com

csv

print

PDF

Excel

Doctor Activity

Patient Name	Injury/Condition	Visit Date	Status
Enis Destan	Viral fever	12-03-2022	Condition is good
Wiktor Pleśnierowicz	Hand Fracture	12-10-2022	Small Operation
Adam	Fever	15-10-2022	Admitted in General ward
Adrian Lis	Malaria	12-03-2022	Condition is good
Milosz	Viral fever	12-03-2022	Condition is good
Jakub	Hand Fracture	12-10-2022	Small Operation
Paul	Accident	15-10-2022	Admitted in General ward
Dawid	Malaria	12-03-2022	Condition is good

csv

print

PDF

Excel

3. Doctors

3.4 Edit doctor.

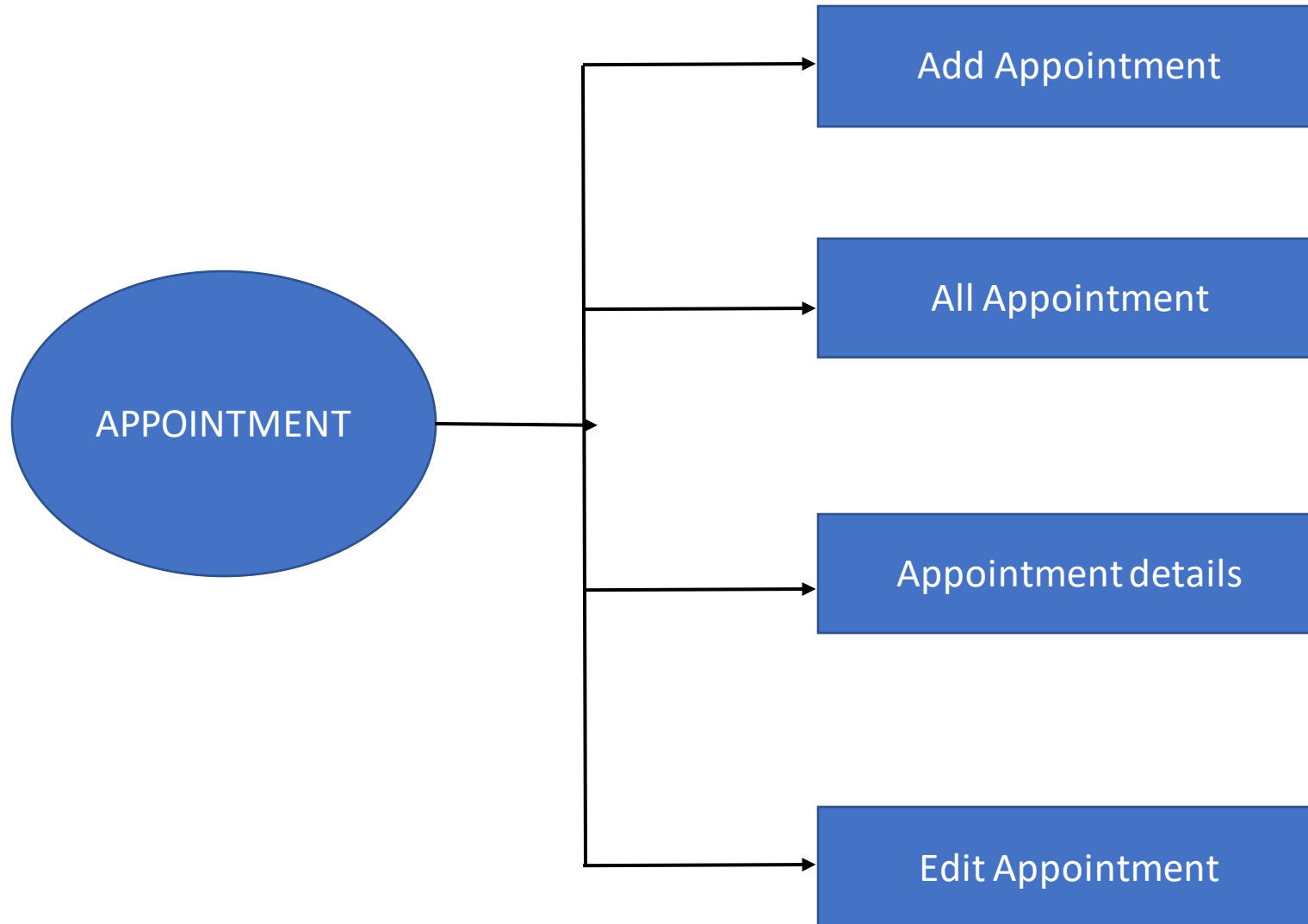
- Edit doctors details

The screenshot displays a web application interface for editing doctor details. At the top, a green navigation bar contains icons for a home page, search, notifications, and user profile. Below this, a horizontal menu lists various system functions: Dashboard, Patients, Doctors, Appointments, Payments, Room Allotments, UI Kit, and Other Pages. The main header area shows the title 'Edit Doctor' and a breadcrumb trail 'Doctors / Edit Doctor'.

The form itself is titled 'Edit Doctor' and contains several input fields arranged in a grid. The fields are: Doctor Name (text input with 'Dr Ishak'), Date Of Birth (date picker with '12/12/1989'), Specialization (text input with 'Dentist'), Experience (text input with '10 years'), Age (text input with '29'), Phone (text input with '+48 123 456 789'), Email (text input with 'ishak@yourdomain.com'), and Gender (dropdown menu with 'Male' selected). Below these are two larger text areas for 'Doctor Details' and 'Address', both containing placeholder Lorem Ipsum text. A 'File' section includes a 'Choose file' button and the text 'No file chosen'. At the bottom of the form is a 'Please Confirm' checkbox and a green 'Update' button.

At the very bottom of the page, there are two status messages: a green success message 'Updated Successfully! Please Check in doctors list' and a yellow warning message 'Holy guacamole! You should check in on some of those fields below.'.

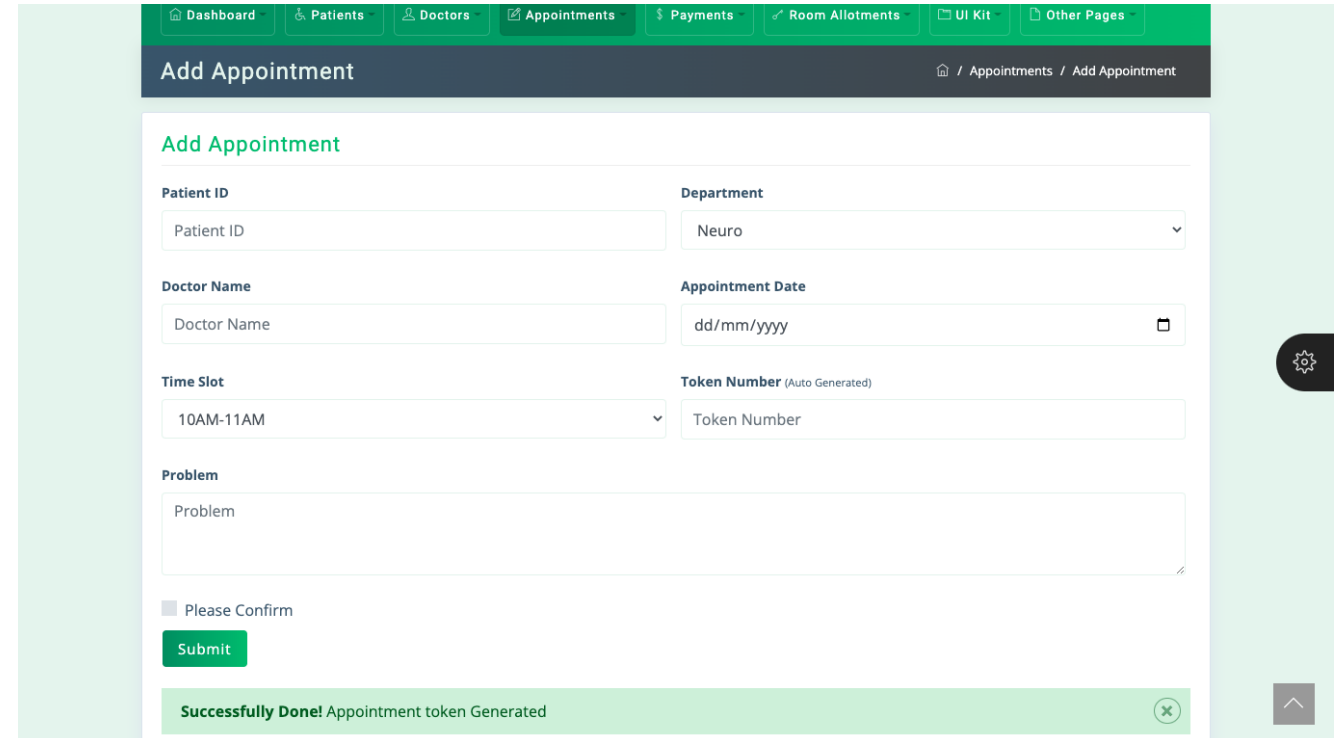
4. Appointment Module



4. Appointments

4.1 Add Appointment.

- Here you can schedule patients appointment.
- Appointment alerts will be sent to patients.
- Doctors scheduling.



The screenshot displays a web application interface for adding a new appointment. At the top, a green navigation bar contains links to Dashboard, Patients, Doctors, Appointments, Payments, Room Allotments, UI Kit, and Other Pages. Below this, a dark header bar shows the page title 'Add Appointment' and a breadcrumb trail 'Appointments / Add Appointment'. The main form area is titled 'Add Appointment' and contains several input fields: 'Patient ID' (text input), 'Department' (dropdown menu with 'Neuro' selected), 'Doctor Name' (text input), 'Appointment Date' (calendar icon and 'dd/mm/yyyy' format), 'Time Slot' (dropdown menu with '10AM-11AM' selected), 'Token Number' (text input, labeled 'Auto Generated'), and 'Problem' (text area). A 'Please Confirm' checkbox is located below the 'Problem' field. A green 'Submit' button is positioned at the bottom of the form. A green success message banner at the bottom of the page reads 'Successfully Done! Appointment token Generated' with a close button (X icon). On the right side of the page, there is a settings gear icon and an upward arrow button.

4. Appointments

4.2 All Appointment.

- List of all appointments.

HMS

Dashboard

Patients

Doctors

Appointments

Payments

Room Allotments

UI Kit

Other Pages

Appointments

Appointments / Appointments List

Appointments List

Show 10 entries Search:

	Appointment ID	Patient ID	Token Number	Doctor Name	Problem	Status
	AP872	P12Y	58	Dr Ishak	Small knee fracture	Active
	AP8W72	P42Y	5	Dr Daniel	Viral Fever	Active
	AP873	P12G	8	Dr Manayo	-	Pending
	APY72	P1DY	18	Dr Susan	Chest pain	Active
	AP872	P12Y	58	Dr Ishak	Small knee fracture	Active
	AP8W72	P42Y	5	Dr Cuba	Viral Fever	Active
	AP872	P12Y	58	Dr Ishak	Small knee fracture	Active
	AP8W72	P42Y	5	Dr Daniel	Viral Fever	Active
	AP873	P12G	8	Dr Manayo	-	Pending
	APY72	P1DY	18	Dr Susan	Chest pain	Active
	AP872	P12Y	58	Dr Ishak	Small knee fracture	Active
	AP8W72	P42Y	5	Dr Cuba	Viral Fever	Active
	AP873	P12G	8	Dr Loua	-	Pending
	APY72	P1DY	18	Dr Susan	Chest pain	Active
	AP872	P12Y	58	Dr Ishak	Small knee fracture	Active
	AP8W72	P42Y	5	Dr Sobiech	Viral Fever	Active

Showing 1 to 10 of 12 entries

Previous

1

2

Next

csv

print

PDF

Excel

DELETE

EDIT

4. Appointment

4.3 Appointment details.

- Here we can check appointment details.

HMS

Dashboard Patients Doctors Appointments Payments Room Allotments UI Kit Other Pages

Appointment Details

Appointment Details

Patient ID	PT56
Department	Dental
Doctor Name	Dr Dagerstål
Appointment Date	16-nov-2022
Time Slot	10AM-11AM
Token Number	27
Problem	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Curabitur convallis egestas aliquet. Nunc ullamcorper massa in magna pulvinar, a eleifend felis condimentum.

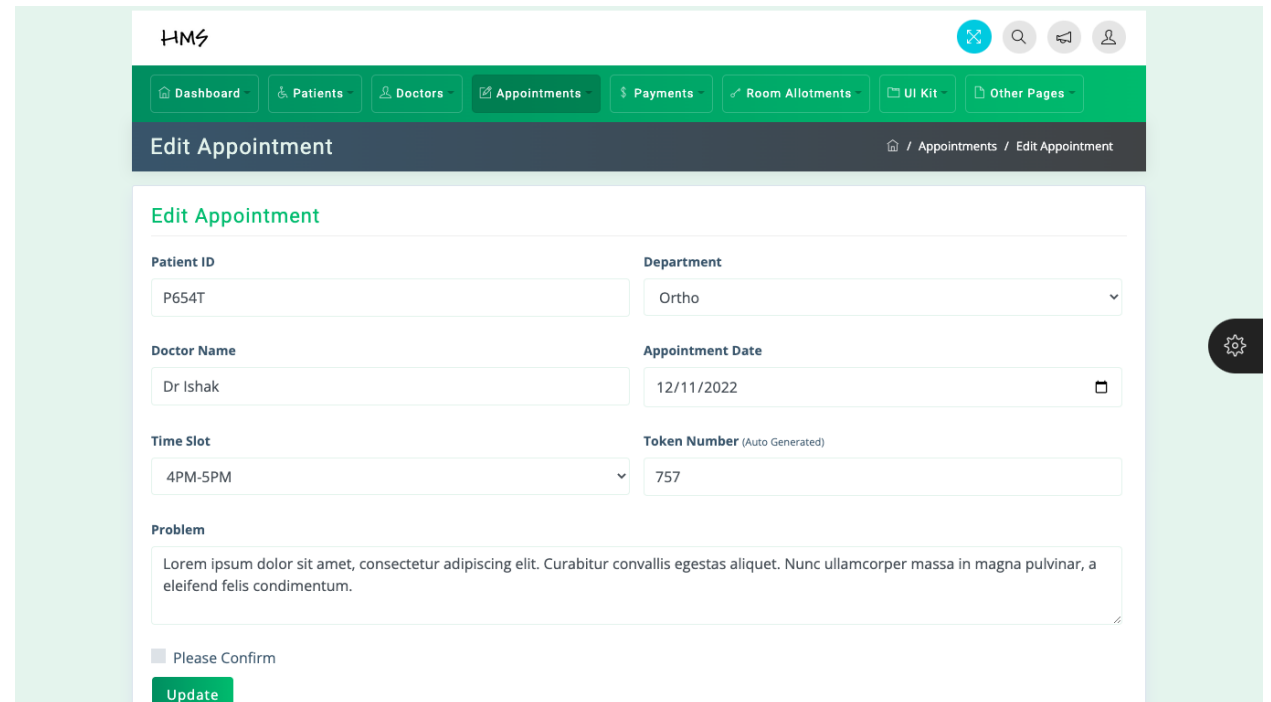
csv print PDF Excel

Edit Appointment Delete Appointment

4. Appointment

4.4 Edit Appointment.

- Here we can edit appointments.



The screenshot displays the 'Edit Appointment' form within the HMS (Hospital Management System) interface. The top navigation bar is green with white text for 'Dashboard', 'Patients', 'Doctors', 'Appointments', 'Payments', 'Room Allotments', 'UI Kit', and 'Other Pages'. The 'Appointments' tab is active. Below the navigation bar, a dark blue header shows 'Edit Appointment' and a breadcrumb trail 'Appointments / Edit Appointment'. The main form area is white with a green title 'Edit Appointment'. It contains several input fields: 'Patient ID' (text box with 'P654T'), 'Department' (dropdown menu with 'Ortho'), 'Doctor Name' (text box with 'Dr Ishak'), 'Appointment Date' (calendar icon and text box with '12/11/2022'), 'Time Slot' (dropdown menu with '4PM-5PM'), and 'Token Number (Auto Generated)' (text box with '757'). A 'Problem' section contains a text area with placeholder text. At the bottom, there is a 'Please Confirm' checkbox and an 'Update' button.

HMS

Dashboard Patients Doctors Appointments Payments Room Allotments UI Kit Other Pages

Edit Appointment

Appointments / Edit Appointment

Edit Appointment

Patient ID: P654T

Department: Ortho

Doctor Name: Dr Ishak

Appointment Date: 12/11/2022

Time Slot: 4PM-5PM

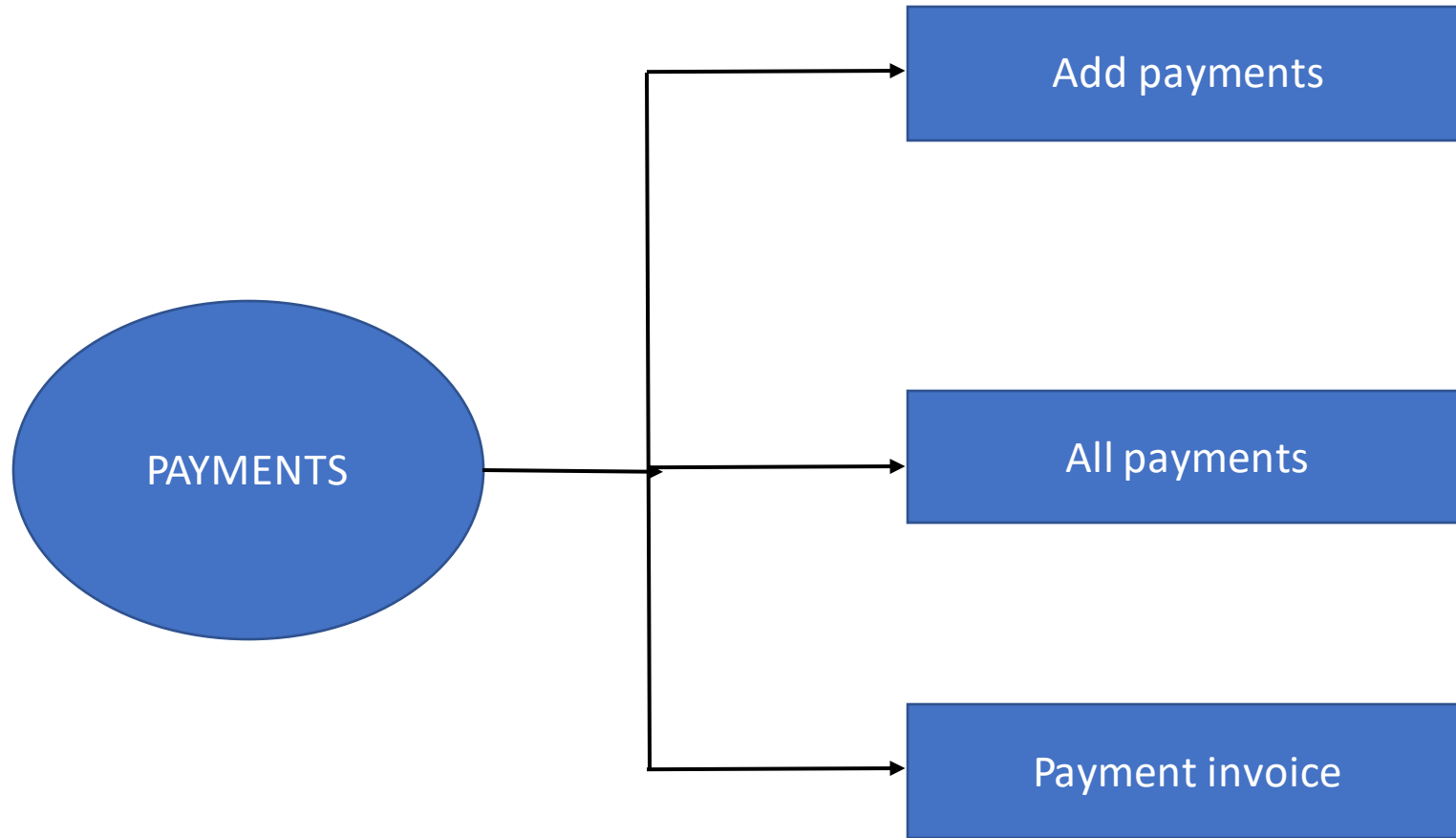
Token Number (Auto Generated): 757

Problem: Lorem ipsum dolor sit amet, consectetur adipiscing elit. Curabitur convallis egestas aliquet. Nunc ullamcorper massa in magna pulvinar, a eleifend felis condimentum.

☐ Please Confirm

Update

5. Payments Module



5. Payments

5.1 Add payments.

- Here we can add payments.
- Can choose service type
- Can choose payment discount.
- Can choose the payment type.

The screenshot displays the 'Add Payment' form within the HMS application. The interface features a top navigation bar with icons for Dashboard, Patients, Doctors, Appointments, Payments, Room Allotments, UI Kit, and Other Pages. The 'Payments' section is active, showing a breadcrumb trail: Home / Payments / Add Payment.

The form is titled 'Add Payment' and contains several input fields and sections:

- Patient Information:** Fields for Patient ID, Patient Name, Department (set to 'Neuro'), and Doctor Name.
- Dates:** Fields for Admission Date and Discharge Date, both with date pickers.
- Services:** A section with a 'Service Name' field, a 'Cost of Treatment' field, and a '+ Add Service' button.
- Payment:** A section with fields for Discount (%) (set to 'Discount'), Advance Paid (set to 'Advance Paid'), Payment Type (set to 'Check'), and Card/Check No.

Below the form, there is a 'Please Confirm' checkbox and a green 'Submit' button. A green success message states 'Successfully Done! Payment added'. Below that, a yellow error message reads 'Holy guacamole! You should check in on some of those fields below.'.

The footer of the application states 'Copyright © 2022 HMS. All rights reserved.'

5. Payments

5.2 All payments.

- Here we can check the list of all payments.
- We can see the services provided, the discounts, the total price the doctor and status of payment.
- We can also print or download.
- We can also delete and edit.

HMS

Dashboard Patients Doctors Appointments Payments Room Allotments UI Kit Other Pages

Payments / Payments / All Payments

Payments List

Show 10 entries Search:

	Patient Name	Doctor Name	Service Name	Charges	Discount (%)	Status
	Job korir	Mikael Ishak	X-ray	\$500	5	completed
	Siri	Mikael Ishak	ECG	\$120	10	completed
	Susan	Mikael Ishak	Dental	\$190	8	Pending
	Jane Riri	Mikael Ishak	X-ray	\$500	5	cancelled
	Riri jojo	Mikael Ishak	ECG	\$120	10	completed
	Susan	Mikael Ishak	Dental	\$190	8	Pending
	Miss Trudy	Mikael Ishak	X-ray	\$500	5	completed
	Rico	Mikael Ishak	ECG	\$120	10	completed
	Miss Trudy	Mikael Ishak	X-ray	\$500	5	completed
	Rico	Mikael Ishak	ECG	\$120	10	completed
	Susan Jebet	Mikael Ishak	Dental	\$190	8	Pending
	Minayo J	Mikael Ishak	X-ray	\$500	5	cancelled

Showing 1 to 10 of 12 entries

Previous 1 2 Next

csv print PDF Excel

DELETE EDIT

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5. Payments

5.3 Payment invoice.

- Here we can check our invoice.
- We can print it or download a pdf copy.

HMS

Press **esc** to exit full screen

Dashboard

Patients

Doctors

Appointments

Payments

Room Allotments

UI Kit

Other Pages

Payment Invoice

Payments / Payment Invoice

HMS

INVOICE

Street Address
[City, ST ZIP Code]
Phone: +48 123 456 789 Fax: 432 1231 3456

Invoice # [123]
Date: Sep 16, 2022

PATIENT DETAILS:

Name: Benson Lagat

Age: 20

Address: ul. Kordeckiego, 60-144
Poznań, Polska

Phone: +48 123 456 789

Patient ID: PI675

Total Days: 10

Payment Type: Credit Card
1234 5678 9012 3456
Paypal

Services:

#	Service	Unit Cost	Discount (%)	Total
1	Chest X-ray	\$ 120	10	\$ 108
2	Injury Operation	\$ 1000	20	\$ 800

Total	\$ 1200
Tax	\$ 50
Discount	\$ 212
GRAND TOTAL	\$ 1038

Note: Lorem ipsum dolor sit amet, consectetur adipisicing elit. Consequuntur id illo incididunt, iste libero quisquam? A aut cumque fuga fugit iusto libero officia optio quasi, quisquam saepe voluptate voluptatibus voluptatum.

Signature

print

PDF

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Conclusion

The project Hospital Management System (HMS) is for computerizing the working in a hospital. The software takes care of all requirements of an average hospital and is capable to provide easy and effective storage of information related to patients that come up to the hospital.

It generates test report, as well as prescription details prescribed to patients. It also provides billing facilities whether it is an indoor or outdoor patient.

Thank You!

