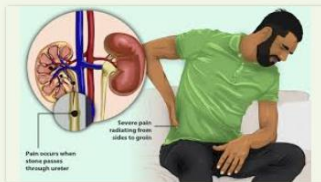


Patient Record Management System

MVC Frameworks



KIDNEY STONE



Kidneys make one of the most essential organs of the human body. Their constant healthy functioning is required to ensure the body's smooth mechanism. There can be more than one symptom for kidney stones, which include, Excessive pain in the abdomen, lower back or urinary tract. The pain can vary from excruciating, sharp or mild depending on the severity. Persistent urge to urinate, or even blood in urine. Feeling nauseated or severe vomiting. Constant sweating or chills.

COVID-19



Coronavirus disease (COVID-19) is an infectious disease caused by a newly discovered coronavirus. Most people who fall sick with COVID-19 will experience mild to moderate symptoms and recover without special treatment. The virus that causes COVID-19 is mainly transmitted through droplets generated when an infected person coughs, sneezes, or exhales. These droplets are too heavy to hang in the air, and quickly fall on floors or surfaces.

HEART ATTACK

HEART ATTACK SIGNS



A heart attack (myocardial infarction or MI) is a serious medical emergency in which the supply of blood to the heart is suddenly blocked, usually by a blood clot. A heart attack is a medical emergency. Call 999 and ask for an ambulance if you suspect a heart attack.

ADDITIONAL INFORMATION ABOUT PATIENT RECORD

Sysstem provides transformative services, expertise, and technologies to make organizations more efficient and more compliant.

We help Ward manage and activate their critical patient information through integrated information management services across the information lifecycle.

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1.0 Website Information

- Database name: myapp
- Hostname: localhost
- Username: root
- Password: <null>
- Database Driver: mysqli
- Code Igniter Version: 3.1.11
- Bootstrap Version: 4.5.0

Dump of database(myapp.sql) and source code of the application (codeblog) are attached in zip file with this report.

2.0 Technologies Used

- Front-end: HTML and CSS
- Back-end: PHP and MySQL
- Frameworks: Bootstrap+CodeIgniter
- Libraries: jQuery

3.0 Work Process

CodeIgniter and Bootstrap are used to build this website.

Database connected in manual connection.

All the main function build in Register.php . It inside controller folder.

Make Home.php as a default controller.

Html code are written in home.php inside view folder.

3.1 Add New Patient to Ward

User can get form of add patient to the ward by clicking Add Patient link in the navigation bar. Then user can add Name, Age ,Mobile Number and select the Blood Group. If user miss fills the one of details, It will be display required message through the form function.

All the details are saved the database after user clicks the Add button. If it is successfully saved, all the details will be added to the record page.

3.2 View of Registered Patients

All the registered patient details are shown in the record page. User can find any patient details using search box in upper right corner of the record page. User can update and delete(Discharge) details for selected member.

3.3 Delete Patient(Discharge)

By clicking discharge button user can delete a member from database. After deletion the patient, that member will not be available in the record page.

3.4 Update Patient Details

By clicking update button patient can change and update patient's details. User will not be supposed to change id number. Because it is primary key in the database. Rest of details can be updated and will be updated in the database. When updating details, user must be updated all the details. Otherwise it notified required data missing message.

4.0 Problems Encountered

Mostly face error is syntax error. (It corrected by using error message's instruction)

Redirect function doesn't work. (Used correct syntax)

Being unable to change font (added CSS class to min.css file)

Unable to connect database. (solved by using form helper)

5.0 Lesson Learnt

Learned bootstrap styling instance of creating custom CSS libraries.

Learned the basic structure of an MVC architecture system

Used to PHP in the Code igniter.

Handle database using controller, views and model and routing works.

6.0 Screenshots

Ward No 10

HomeAdd Patient

Patient Record List

Show10▼entries

Search:

Patient ID	Full Name	Age	Mobile Number	Blood Group	Action
21	Jihani Nanayakkara	23	703218269	A+	<div>Discharge</div> <div>Update</div>
22	Stanley Arwind	50	770556698	AB-	<div>Discharge</div> <div>Update</div>
23	Douglas Dankan	54	776508903	O+	<div>Discharge</div> <div>Update</div>
24	Shermon Dias	30	711437784	AB+	<div>Discharge</div> <div>Update</div>
25	Wade Flaming	23	770556656	B+	<div>Discharge</div> <div>Update</div>

PatientID

Full Name

Age

Mobile Number

Blood Group

Action

Showing 1 to 5 of 5 entries

Previous1Next

Figure 1:View of Records

Ward No 10

HomePatient Records

Add New Patient

Full Name

Full Name

Age

Age

Mobile Number

Mobile Number

Blood Group

--SELECT THE BLOOD GROUP--

ADD

RESET

Figure 2:Add new patient to database

Ward No 10
Home
Add Patient

Patient Record List

Show 10 entries
Search:

Patient ID	Full Name	Age	Mobile Number	Blood Group	Action
23	Douglas Dankan	54	776508903	O+	Discharge Update
PatientID	Full Name	Age	Mobile Number	Blood Group	Action

Showing 1 to 1 of 1 entries (filtered from 5 total entries)

Previous
1
Next

Figure 3:Search for a name

Ward Number 10
Home
Patient Records

Update Details

Patient ID = 25

Full Name

Age

Mobile Number

Blood Group

B+

Update
Patient Records

Figure 4:Update details