

A

Project Report

On



[E-Healthcare Management System]

submitted by

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I would like to express my special thanks of gratitude to my Guide as well as our principal sir who gave me the golden opportunity to do this wonderful project on the topic " E-Healthcare Mangement System " , which also helped me in doing a lot of Research and i came to know about so many new things. I am really thankful to them.

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Thanking you,

Narayan Mishra

B.C.A. 6th Semester

TRAINING CERTIFICATE



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Narayan Mishra

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has successfully completed 60 hours Training on

PHP with Code Igniter during June 2020.

We wish him/her best wishes for the future.

Convener

UGIPL/2020/TR/516

Coordinator

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INTRODUCTION

The project E-health Care Management system includes registration of patients, storing their details into the system, and also computerized billing in the pharmacy, and labs. The software has the facility to give a unique id for every patient and stores the details of every patient and the staff automatically. It includes a search facility to know the current status of each room. User can search availability of a doctor and the details of a patient using the id.

The E-health Care Management System can be entered using a username and password. It is accessible either by an administrator or receptionist. Only they can add data into the database. The data can be retrieved easily. The interface is very user-friendly. The data are well protected for personal use and makes the data processing very fast.

E-health Care Management System is powerful, flexible, and easy to use and is designed and developed to deliver real conceivable benefits to hospitals.

E-health Care Management System is designed for multispeciality hospitals, to cover a wide range of hospital administration and management processes. It is an integrated end-to-end Hospital Management System that provides relevant information across the hospital to support effective decision making for patient care, hospital administration and critical financial accounting, in a seamless flow.

Hospital Management System is a software product suite designed to improve the quality and management of hospital management in the areas of clinical process analysis and activity-based costing. Hospital Management System enables you to develop your organization and improve its effectiveness and quality of work. Managing the key processes efficiently is critical to the success of the hospital helps you manage your processes

Problem Introduction:

Lack of immediate retrievals: -

The information is very difficult to retrieve and to find particular information like- E.g. - To find out about the patient's history, the user has to go through various registers. This results in inconvenience and wastage of time.

Lack of immediate information storage: -

The information generated by various transactions takes time and efforts to be stored at right place.

Lack of prompt updating: -

Various changes to information like patient details or immunization details of child are difficult to make as paper work is involved.

Error prone manual calculation: -

Manual calculations are error prone and take a lot of time this may result in incorrect information. For example calculation of patient's bill based on various treatments.

Preparation of accurate and prompt reports: -

This becomes a difficult task as information is difficult to collect from various register.

Objective

- 1) Define hospital
- 2) Recording information about the Patients that come.
- 3) Generating bills.
- 4) Recording information related to diagnosis given to Patients.
- 5) Keeping record of the Immunization provided to children/patients.
- 6) Keeping information about various diseases and medicines available to cure them.

These are the various jobs that need to be done in a Hospital by the operational staff and Doctors.

All these works are done on papers.

Scope of the Project:-

- 1) Information about Patients is done by just writing the Patients name, age and gender.
Whenever the Patient comes up his information is stored freshly.
- 2) Bills are generated by recording price for each facility provided to Patient on a separate sheet and at last they all are summed up.
- 3) Diagnosis information to patients is generally recorded on the document, which contains Patient information. It is destroyed after some time period to decrease the paper load in the office.
- 4) Immunization records of children are maintained in pre-formatted sheets, which are kept in a file.

5) Information about various diseases is not kept as any document. Doctors themselves do this job by remembering various medicines.

All this work is done manually by the receptionist and other operational staff and lot of papers are needed to be handled and taken care of. Doctors have to remember various medicines available for diagnosis and sometimes miss better alternatives as they can't remember them at that time.

MODULES

The entire project mainly consists of 3 modules, which are

- Admin module
- User module (patient)
- Doctor module

Admin module:

- manage department of hospitals, user, doctor , accounts.
- Invite Doctor
- watch appointment of doctors
- watch transaction reports of patient payment
- watch medicine status of hospital stock
- watch diagnosis report

user module(patient):

View appointment list and status with doctors

- View prescription details
- View medication from doctor
- Manage own profile
- Appointment
- payment

Doctor module:

- Manage patient. account opening and updating
- Create, manage appointment with patient
- Create prescription for patient
- Provide medication for patients
- Manage own profile

Additional features

In our E-healthcare system some Additional features are available for the Users(patients) that's are online chat , Whatsapp chat, Covid-19 Live update with the vaccination.

- **Online (Live) Chat**
- **Whatsapp Chat**
- **Covid-19 Update Live**

Online (Live) Chat : (Mylivechat.com)

The live chat helpdesk integrations by MyLiveChat are 100% customizable to your website. So it doesn't matter how fancy your website is, MyLiveChat can match your design. The greetings messages, graphic user interface, chat agent pictures, company logos, and even the chat buttons can be modified to match the look and feel of your business. So you can help your end users, and increase sales, all the while looking good in the process.

MyLiveChat is a live chat helpdesk service that over 259,762 organizations use from all over the world. If you're frustrated because you're not turning enough of your website visitors into sales, or if the support end of your business leaves much to be desired, you might benefit tremendously from MyLiveChat.

MyLiveChat's motto is that "your customers want to chat with you" – they live up to this premise by offering a simple solution to integrate their chat platform onto all of your websites in a flash.

MyLiveChat offers a “forever free” plan, so if you realize that your website could benefit hand over fist by having a live chat helpdesk implemented today, but maybe you’re a little gun shy or your marketing budget isn’t as big as it could be, then you might want to give MyLiveChat a go.

Massive List Of Integrations – A lot of MyLiveChat’s competitors don’t offer anywhere near the quantity of out of the box integrations that they do. So if your business currently uses a wide array of services to conduct itself, you can proceed with the utmost confidence knowing that you can easily integrate and get a live chat helpdesk setup across all of your platforms.

Unlimited Chatting On Their Forever Free Plan – MyLiveChat offers one of the most generous live chat systems on the planet. So you can engage in unlimited chats without ever paying a single penny if you don’t want to. (You’ll learn more about MyLiveChat’s plans later on in this summary review).

Smart Introductions – How would it feel to greet your website visitors based upon their physical location, or the specific page that they’re visiting? That’s what MyLiveChat’s smart integrations can handle, so your website visitors will feel like you know them intimately well. Imagine what this could do for your goodwill and conversions?

MyLiveChat Features

Simultaneous Sessions – Are you a support wizard? Or, do you have a support wizard working for you? If that's the case, you'll be able to take full advantage of MyLiveChat's chat console, so you can easily handle multiple chat sessions at the same time. This way, you can potentially reduce costs all the while offering awesome support, closing more sales, and building massive rapport with your audience in real time.

Reliable Servers – MyLiveChat boasts a massive server capable of handling almost any load that your website visitors can throw at it. If you've ever suffered from a lagged chat system, which can kill trust faster than just about anything, then proceed with confidence and give MyLiveChat's system a full load test.

Customizable Options – Whether you want to customize the look and feel of your live chat with your own logos, avatars, or even customize the messages that your visitors see, then MyLiveChat makes it easy and intuitive.

256-Bit SSL Encryption – If you watch the news or read IT blogs, you realize that IT security is one variable that can cost you your entire business. One IT security breach is all it takes to permanently ruin the confidence that your end users have in your business. One of the easiest ways to prevent that from occurring is by relying on 256-bit SSL-bit encryption, so hackers and black hats don't have access to your chat logs and customer data.

Automated Smart Responses – Do your website visitors ask the same questions on a frequent basis? If so, you can easily automate triggered responses when MyLiveChat recognizes similar questions. This can reduce the cost of administering support all the while providing fast and helpful assistance that can increase sales, and make your website visitors happy to do business with you.

Proactive Chats – Do you have website visitors lingering on your product pages? It might be a genius idea to send them a message and ask if they have any questions. Often times, your website visitors are trying to find answers to the questions that are driving them insane. In the event that their questions aren't answered, you risk them not taking action, so be proactive.

Beautiful Integration – Have you ever used a live chat interface that quite frankly looked terrible? Face it, you need to offer more than just awesome support, you need to look good in the process. That's why MyLiveChat live chat helpdesks not only allow you deliver great support, but your organization will look good in the process.

Emailing Of Transcripts – If your website visitors want to have their live chat conversions emailed to them immediately after they're satisfied, they'll have the opportunity to do so. This will help build rapport with your website visitors, and they may be reminded at a later date how spectacular your services are, or they might be reminded to buy more of your products and services.

File Transfers – Do you have help files, digital books, or other documents that might be of use to your website visitors? If that's the case, you might find the file transfer tool to be of great value. So you can send files to your website visitors, which can potentially help better educate your audience or even provide to them bonus gifts, or educational content.

Real Time Monitoring – With MyLiveChat you can easily view where your website visitors are coming from, literally. Geographic data, website browser, referrer URL, IP address, host name and other data can easily be viewed in the MyLiveChat application. So you can cater your marketing content to each end user on an individual basis, and better cater your future marketing strategies in accordance with this data.

Whatsapp Chat :-

WhatsApp is the most widely used direct messaging app ever, and more and more companies, both offline and online, are realizing the need to integrate this channel into their business.

Being present and reachable via WhatsApp means **providing instant communication** to customers, with a significant impact on the customer experience. Furthermore, providing an immediate communication channel avoids that the customer looks for the same product or service from a competitor.

How can you integrate WhatsApp on my website?

The function that allows you to integrate WhatsApp on your website in just a few clicks is called “**click-to-chat**”.

Thanks to this feature, which uses [WhatsApp's APIs](#), your site visitors will be able to open a new chat on the app directly on your [WhatsApp Business](#) page or, if you don't have one, on your phone number WhatsApp page.

In this way, the user will not have to do anything else but start the conversation (the user gives you his opt-in through this action).

What are the ways to add a WhatsApp click-to-chat button on the website?

There are several ways you can integrate WhatsApp on your website, and in this article we will analyze 3 of them, so you can choose the easiest one to start with:

1 – Use the WhatsApp API documentation

Let's start with the most “technical” solution (it's actually very easy). This solution allows us to integrate the click-to-chat link in any part of the website.

In fact, you will just have to add your personalized link to an image, a button or any call-to-action in order to allow WhatsApp to open to your users.

To create your personalized link, just enter your phone number at the following link:

<https://api.whatsapp.com/send?phone=>

If your number is, for example, 3456789715 and your country code +39, your link will be:

<https://api.whatsapp.com/send?phone=393456789715>

N.B .: just remember to remove the + that you find before the country code.



wa.me/phone-number

2 – Use the Callbell chat widget

A chat widget is the ideal solution to **integrate a WhatsApp button on your site**, similar to other support solutions via Live Chat, which we often find online.

This will allow your website visitors to **start a chat simply with a click**, while channeling all the traffic generated into the instant messaging channels of their choice.

To do this, you will need to [create a free account](#) on Callbell, build your [custom widget](#) in a few clicks and install it on your website via WordPress or Google Tag Manager. You can set the widget to be displayed via **desktop and mobile**, or from both types of devices.

Once this is done, the widget will appear in the lower margin of the pages of your website (you can choose either on the right or left of the screen) and it will give your visitors the chance to start a conversation with you by clicking on the WhatsApp button.

3 – Use the GetButton chat widget

GetButton offers an alternative chat widget to that of Callbell, that allows you to start a chat on the main messaging channels.

The procedure is very similar to the one described for Callbell: once the widget has been created and installed on your website, the GetButton widget will appear at the bottom of the web page.

GetButton allows you to integrate different channels within the chat widget.

However, if you intend to add more than 2 messaging channels, the option is not free of charge, just like for more advanced features. This **can be very limiting** for all those companies that use various communication channels, such as WhatsApp, Messenger or Telegram.

Moreover, **there is no option to display a preview** of the widget, not even on the GetButton site, making its display uncertain in the browser that you usually use from desktop or mobile.

WhatsApp has become a fundamental tool to communicate with your customers

We have illustrated here 3 ways in which you can start using WhatsApp to communicate with your customers directly from your website.

Compared to traditional channels like email or phone number, giving our customers the opportunity to contact us through this channel allows us to provide a **unique experience** to our customers, both online and offline.

Covid Live Update (Using API):-

An **application programming interface (API)** is a connection between computers or between computer programs. It is a type of software interface, offering a service to other pieces of software.^[1] A document or standard that describes how to build such a connection or interface is called an *API specification*. A computer system that meets this standard is said to *implement* or *expose* an API. The term API may refer either to the specification or to the implementation.

In contrast to a user interface, which connects a computer to a person, an application programming interface connects computers or pieces of software to each other. It is not intended to be used directly by a person other than a computer programmer who is incorporating it into software. An API is often made up of different parts which act as tools or services that are available to the programmer. A program or a programmer that uses one of these parts is said to *call* that portion of the API. The calls that make up the API are also known as subroutines, methods, requests, or endpoints. An API specification *defines* these calls, meaning that it explains how to use or implement them.

One purpose of APIs is to hide the internal details of how a system works, exposing only those parts a programmer will find useful and keeping them consistent even if the internal details later change. An API may be custom-built for a particular pair of systems, or it may be a shared standard allowing interoperability among many systems.

Web APIs allow communication between computers that are joined by the internet. This is the most common meaning of the term API today. There are also APIs for programming

languages, software libraries, computer operating systems, and computer hardware. APIs originated in the 1940s, though the term did not emerge until the 1960s and 70s.

Web APIs

Web APIs are the defined interfaces through which interactions happen between an enterprise and applications that use its assets, which also is a Service Level Agreement (SLA) to specify the functional provider and expose the service path or URL for its API users. An API approach is an architectural approach that revolves around providing a program interface to a set of services to different applications serving different types of consumers.

When used in the context of web development, an API is typically defined as a set of specifications, such as Hypertext Transfer Protocol (HTTP) request messages, along with a definition of the structure of response messages, usually in an Extensible Markup Language (XML) or JavaScript Object Notation (JSON) format. An example might be a shipping company API that can be added to an eCommerce-focused website to facilitate ordering shipping services and automatically include current shipping rates, without the site developer having to enter the shipper's rate table into a web database. While "web API" historically has been virtually synonymous with web service, the recent trend (so-called Web 2.0) has been moving away from Simple Object Access Protocol (SOAP) based web services and service-oriented architecture (SOA) towards more direct representational state transfer (REST) style web resources and resource-oriented architecture (ROA). Part of this trend is related to the Semantic Web movement toward Resource Description Framework (RDF), a concept to promote web-based ontology engineering technologies. Web APIs allow the combination of multiple APIs into

new applications known as mashups. In the social media space, web APIs have allowed web communities to facilitate sharing content and data between communities and applications. In this way, content that is created in one place dynamically can be posted and updated to multiple locations on the web. For example, Twitter's REST API allows developers to access core Twitter data and the Search API provides methods for developers to interact with Twitter Search and trends data.

Returns all live cases by case type for a country. These records are pulled every 10 minutes and are ungrouped. Country must be the slug from /countries or /summary. Cases must be one of: confirmed, recovered, deaths

```
curl --location --request GET 'https://api.covid19api.com/live/country/south-africa/status/confirmed/date/2020-03-21T13:13:30Z'
```

```
[  
 {  
   "Country": "Switzerland",  
   "CountryCode": "CH",  
   "Lat": "46.82",  
   "Lon": "8.23",  
   "Confirmed": 20505,  
   "Deaths": 666,  
   "Recovered": 6415,  
   "Active": 13424,  
   "Date": "2020-04-04T00:00:00Z",  
   "LocationID": "628d4f12-6ebe-4fa9-b046-77ff0b894a4e"  
 },
```

```
{  
    "Country": "Switzerland",  
    "CountryCode": "CH",  
    "Lat": "46.82",  
    "Lon": "8.23",  
    "Confirmed": 20505,  
    "Deaths": 666,  
    "Recovered": 6415,  
    "Active": 13424,  
    "Date": "2020-04-05T00:00:00Z",  
    "LocationID": "628d4f12-6ebe-4fa9-b046-77ff0b894a4e"  
}  
]
```

Project Category

The technologies used in this project are:

- HTML: Page layout and design
- CSS: Design
- JS: Frontend
- PHP: Backend
- Bootstrap
- Java Script

XAMPP

XAMPP is one of the most commonly used open source PHP servers for hosting applications locally. It allows web developers to easily test applications, as it comes with pre-installed web tools like MySQL, PHP, PERL, FileZilla and others. It is also the very first of such platform, that is why a lot of developers recommend XAMPP.

Type of Application

E-Health Care System is virtual healthcare that means online patient care. E-Health system is highly specialized experts are deeply experienced in treating rare and complex conditions. This system is web-base which is write in PHP and MYSQL. Continuously, consists of one main component user side. Users can get an appointment from here. For getting an appointment at first you need to log in at this site. If users are not registered already, Register here, please. They can still get locations about other nearest hospitals from here.

In E-Health system, users can see the home page where they can see the hospital location. Eventually, that page can show the user with all the locations with the hospital names. E-Health Different doctors with their professions. They can even see the contact list of the admin.

For the database connection E-Health system first, you need to create the database named medical.sql in the localhost/phpmyadmin/ and then you can import the database which is found medical.sql file.

REQUIREMENT SPECIFICATION

INTRODUCTION:

To be used efficiently, all computer software needs certain hardware components or the other software resources to be present on a computer. These pre-requisites are known as (computer) system requirements and are often used as a guideline as opposed to an absolute rule. Most software defines two sets of system requirements: minimum and recommended. With increasing demand for higher processing power and resources in newer versions of software, system requirements tend to increase over time. Industry analysts suggest that this trend plays a bigger part in driving upgrades to existing computer systems than technological advancements.

HARDWARE REQUIREMENTS:

The most common set of requirements defined by any operating system or software application is the physical computer resources, also known as hardware. A hardware requirements list is often accompanied by a hardware compatibility list (HCL), especially in case of operating systems. An HCL lists tested, compatibility and sometimes incompatible hardware devices for a particular operating system or application. The following sub-sections discuss the various aspects of hardware requirements.

HARDWARE REQUIREMENTS FOR PRESENT PROJECT:

PROCESSOR : Intel dual Core ,i3

RAM : 1 GB

HARD DISK : 80 GB

SOFTWARE REQUIREMENTS:

Software Requirements deal with defining software resource requirements and pre-requisites that need to be installed on a computer to provide optimal functioning of an application. These requirements or pre-requisites are generally not included in the software installation package and need to be installed separately before the software is installed.

SOFTWARE REQUIREMENTS FOR PRESENT PROJECT:

OPERATING SYSTEM : Windows 7/ XP/8

FRONT END : Html,css,java script.

SERVER SIDE SCRIPT : Php

DATABASE : Mysql

Analysis and Feasibility Study

EXISTING SYSTEM:

Hospitals currently use a manual system for the management and maintainance of critical information. The current system requires numerous paper forms, with data stores spread through out the hospital management infrastructure. Often information is incomplete or does not follow management standards. Forms are often lost in transit between departments requiring a comprehensive auditing process to ensure that no vital information is lost. Multiple copies of the same information exist in the hospital and may lead to inconsistencies in data in various data stores.

PROPOSED SYSTEM:

The Hospital Management System is designed for any hospital to replace their existing manual paper based system. The new system is to control the information of patients. Room availability, staff and operating room schedules and patient invoices. These services are to be provided in an efficient, cost effective manner, with the goal of reducing the time and resources currently required for such tasks .

FEASIBILITY STUDY

The feasibility of the project is analysed in this phase and business proposal is put forth with a very general plan for the project and some cost estimates. During system analysis the feasibility study of the proposed system is to be carried out. This is to ensure that the proposed system is not a burden to the company. For feasibility analysis, some understanding of the major requirements for the system is essential.

Three key considerations involved in the feasibility analysis are:

1 Economic Feasibility

This study is carried out to check the economic impact will have on the system will have on the organization. The amount of fund that the company can pour into the research and development of the system is limited. The expenditures must be justified. Thus the developed system as well within the budget and this was achieved because most of the technologies used are freely available. Only the customised products have to be purchased.

2 Technical Feasibility

This study is carried out to check the technical feasibility, that is, the technical requirements of the system. Any system developed must not have a high demand on the available available technical resources. This will lead to high demands being placed on the client. The developed system must have a modest requirement, as only minimal or null changes for the implementing this system.

3 Operational Feasibility

The aspect of study is to check the level of acceptance of the system by the user. This includes the process of training the user to use the system efficiently. The user must not feel threatened by the system, instead must accept it as a necessity. The level of acceptance by the users solely depends on the methods that are employed to educate the user about the system and to make him familiar with it. His level of confidence must be raised so that he is also able to make some constructive criticism, which is welcomed, as he is the final user of the system.

SOFTWARE SPECIFICATION

HTML:

HTML or Hypertext Markup Language is the standard markup language used to create web pages.

HTML is written in the form of HTML elements consisting of tags enclosed in angle brackets (like `< >`). HTML tags most commonly come in pairs like `< >`, although some tags represent empty elements and so are unpaired, for example `</>`. The first tag in a pair is the start tag, and the second tag is the end tag (they are also called opening tags and closing tags). Though not always necessary, it is best practice to append a slash to tags which are not paired with a closing tag.

The purpose of a web browser is to read HTML documents and compose them into visible or audible web pages. The browser does not display the HTML tags, but uses the tags to interpret the content of the page. HTML describes the structure of a website semantically along with cues for presentation, making it a markup language rather than a programming language.

HTML elements form the building blocks of all websites. HTML allows images and objects to be embedded and can be used to create interactive forms. It provides a means to create structured documents by denoting structural semantics for text such as headings, paragraphs, lists, links, quotes and other items. It can embed scripts written in languages such as JavaScript which affect the behavior of HTML web pages.

CASCADING STYLE SHEETS (CSS):

It is a style sheet language used for describing the look and formatting of a document written in a markup language. While most often used to style web pages and interfaces written in HTML and XHTML, the language can be applied to any kind of XML document, including plain XML, SVG and XUL. CSS is a cornerstone specification of the web and almost all web pages use CSS style sheets to describe their presentation.

CSS is designed primarily to enable the separation of document content from document presentation, including elements such as the layout, colors, and fonts.[1] This separation can improve content accessibility, provide more flexibility and control in the specification of presentation characteristics, enable multiple pages to share formatting, and reduce complexity and repetition in the structural content .

CSS can also allow the same markup page to be presented in different styles for different rendering methods, such as on-screen, in print, by voice (when read out by a speech-based browser or screen reader) and on Braille-based, tactile devices. It can also be used to allow the web page to display differently depending on the screen size or device on which it is being viewed. While the author of a document typically links that document to a CSS file, readers can use a different style sheet, perhaps one on their own computer, to override the one the author has specified. However if the author or the reader did not link the document to a specific style sheet the default style of the browser will be applied.

MySQL:

MySQL is developed, distributed, and supported by Oracle Corporation. MySQL is a database system used on the web it runs on a server. MySQL is ideal for both small and large applications. It is very fast, reliable, and easy to use. It supports standard SQL. MySQL can be compiled on a number of platforms. The data in MySQL is stored in tables. A table is a collection of related data, and it consists of columns and rows. Databases are useful when storing information categorically.

FEATURES OF MySQL:

Internals and portability:

- Written in C and C++.
- Tested with a broad range of different compilers.
- Works on many different platforms.
- Tested with Purify (a commercial memory leakage detector) as well as with Valgrind, a GPL tool.
- Uses multi-layered server design with independent modules.

Security:

- A privilege and password system that is very flexible and secure, and that enables host-verification.
- Password security by encryption of all password traffic when you connect to a server.

Scalability and Limits:

- Support for large databases. We use MySQL Server with databases that contain 50 million records. We also know of users who use MySQL Server with 200,000 tables and about 5,000,000,000 rows.
- Support for up to 64 indexes per table (32 before MySQL 4.1.2). Each index may consist of 1 to 16 columns or parts of columns. The maximum index width is 767 bytes for InnoDB tables, or 1000 for MyISAM; before MySQL 4.1.2, the limit is 500 bytes. An index may use a prefix of a column for CHAR, VARCHAR, BLOB, or TEXT column types.

CONNECTIVITY:**Clients can connect to MySQL Server using several protocols:**

Clients can connect using TCP/IP sockets on any platform. On Windows systems in the NT family (NT, 2000, XP, 2003, or Vista), clients can connect using named pipes if the server is started with the --enable-named-pipe option. In MySQL 4.1 and higher, Windows servers also support shared-memory connections if started with the --shared-memory option. Clients can connect through shared memory by using the --protocol=memory option. On UNIX systems, clients can connect using Unix domain socket files.

- **LOCALIZATION:**

- The server can provide error messages to clients in many languages.
 - All data is saved in the chosen character set.

- **CLIENTS AND TOOLS:**

- MySQL includes several client and utility programs. These include both command-line programs such as mysqldump and mysqladmin, and graphical programs such as MySQL Workbench.
 - MySQL Server has built-in support for SQL statements to check, optimize, and repair tables. These statements are available from the command line through the mysqlcheck client. MySQL also includes myisamchk, a very fast command-line utility for performing these operations on MyISAM tables.
 - MySQL programs can be invoked with the --help or -? option to obtain online assistance.

WHY TO USE MySQL:

- Leading open source RDBMS
- Ease of use – No frills
- Fast
- Robust
- Security

- Multiple OS support
- Free
- Technical support
- Support large database— up to 50 million rows, file size limit up to 8 Million TB

JAVASCRIPT:

JavaScript is the scripting language of the Web. All modern HTML pages are using JavaScript. A scripting language is a lightweight programming language. JavaScript code can be inserted into any HTML page, and it can be executed by all types of web browsers. JavaScript is easy to learn.

WHY TO USE JAVASCRIPT:

JavaScript is one of the 3 languages all web developers must learn:

HTML to define the content of web pages

CSS to specify the layout of web pages

JavaScript to specify the behavior of web pages

Example

```
x = document.getElementById("demo"); //Find the HTML element with id="demo"
```

```
x.innerHTML = "Hello JavaScript"; //Change the content of the HTML element
```

document.getElementById() is one of the most commonly used HTML DOM methods.

OTHER USES OF JAVASCRIPT:

Delete HTML elements

Create new HTML elements

Copy HTML elements

- In HTML, JavaScript is a sequence of statements that can be executed by the web browser.

JAVASCRIPT STATEMENTS:

- JavaScript statements are "commands" to the browser.
- The purpose of the statements is to tell the browser what to do.
- This JavaScript statement tells the browser to write "Hello Dolly" inside an HTML element with id="demo":

- **Semicolon;**

- Semicolon separates JavaScript statements.
- Normally you add a semicolon at the end of each executable statement.
- Using semicolons also makes it possible to write many statements on one line.

- **JAVASCRIPT CODE:**

- JavaScript code (or just JavaScript) is a sequence of JavaScript statements.
- Each statement is executed by the browser in the sequence they are written.

- This example will manipulate two HTML elements:
- Example
 - `document.getElementById("demo").innerHTML="Hello Dolly";`
 - `document.getElementById("myDIV").innerHTML="How are you?";`

- **JAVASCRIPT PROPERTIES:**

- Properties are the values associated with a JavaScript object.
- A JavaScript object is a collection of unordered properties.
- Properties can usually be changed, added, and deleted, but some are read only.

PHP:

WHAT IS PHP?

PHP is an acronym for "PHP Hypertext Preprocessor"

PHP is a widely-used, open source scripting language

PHP scripts are executed on the server

PHP costs nothing, it is free to download and use

WHAT IS PHP FILE?

PHP files can contain text, HTML, CSS, JavaScript, and PHP code

PHP code are executed on the server, and the result is returned to the browser as plain HTML

PHP files have extension ".php"

WHAT CAN PHP DO?

PHP can generate dynamic page content

PHP can create, open, read, write, delete, and close files on the server

PHP can collect form data

PHP can send and receive cookies

PHP can add, delete, modify data in your database

PHP can restrict users to access some pages on your website

PHP can encrypt data

With PHP you are not limited to output HTML. You can output images, PDF files, and even Flash movies. You can also output any text, such as XHTML and XML.

WHY PHP?

PHP runs on various platforms (Windows, Linux, Unix, Mac OS X, etc.)

PHP is compatible with almost all servers used today (Apache, IIS, etc.)

PHP supports a wide range of databases

PHP is free. Download it from the official PHP resource: www.php.net

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SYSTEM DESIGN:

INTRODUCTION TO UML:

UML Design

The Unified Modeling Language (UML) is a standard language for specifying, visualizing, constructing, and documenting the software system and its components. It is a graphical language , which provides a vocabulary and set of semantics and rules. The UML focuses on the conceptual and physical representation of the system. It captures the decisions and understandings about systems that must be constructed. It is used to understand, design, configure, maintain, and control information about the systems.

The UML is a language for:

- Visualizing
- Specifying
- Constructing

- Documenting

Visualizing

Through UML we see or visualize an existing system and ultimately we visualize how the system is going to be after implementation. Unless we think, we cannot implement. UML helps to visualize, how the components of the system communicate and interact with each other.

Specifying

Specifying means building, models that are precise, unambiguous and complete UML addresses the specification of all the important analysis design, implementation decisions that must be made in developing and deploying a software system.

Constructing

UML models can be directly connected to a variety of programming language through mapping a model from UML to a programming language like JAVA or C++ or VB. Forward Engineering and Reverse Engineering is possible through UML.

Documenting

The Deliverables of a project apart from coding are some Artifacts, which are critical in controlling, measuring and communicating about a system during its developing requirements, architecture, desire, source code, project plans, tests, prototypes releases, etc...

UML Approach

UML Diagram

A diagram is the graphical presentation of a set of elements, most often rendered as a connected graph of vertices and arcs . you draw diagram to visualize a system from different perspective, so a diagram is a projection into a system. For all but most trivial systems, a diagram represents an elided view of the elements that make up a system. The same element may appear in all diagrams, only a few diagrams , or in no diagrams at all. In theory, a diagram may contain any combination of things and relationships. In practice, however, a small number of common combinations arise, which are consistent with the five most useful views that comprise the architecture of a software-intensive system. For this reason, the UML includes nine such diagrams:

1. Class diagram
2. Object diagram
3. Use case diagram

4. Sequence diagram

5. Collaboration diagram

6. State chart diagram

7. Activity diagram

8. Component diagram

9. Deployment diagram

USE CASE DIAGRAM:

A usecase diagram in the Unified Modeling Language(UML) is atype of behavioral diagram defined by and created from a use-case analysis.its purpose is to present a graphical overview of the functionality provided by a system in terms of actors, their goals(represented as use cases),and any dependencies between those use cases.

Use case diagrams are formally included in two modeling languages defined by the OMG:theunfied modeling language(UML) and the systems modeling language(sysML)

Use case diagram of our project:**Class Diagram:**

A Class is a category or group of things that has similar attributes and common behavior. A Rectangle is the icon that represents the class it is divided into three areas. The upper most area contains the name, the middle; area contains the attributes and the lowest areas show the operations. Class diagrams provides the representation that developers work from. Class diagrams help on the analysis side, too.

Sequence diagram:

A Sequence Diagram is an interaction diagram that emphasizes the time ordering of messages; a collaboration diagram is an interaction diagram that emphasizes the structural organization of the objects that send and receive messages. Sequence diagrams and collaboration diagrams are isomorphic, meaning that you can take one and transform it into the other.

Collaboration diagram:

A Collaboration Diagram also called a communication diagram or interaction diagram, is an illustration of the relationships and interactions among software objects. The concept is more than a decade old although it has been refined as modeling paradigms have evolved.

Deployment diagram:

A Deployment Diagram shows the configuration of run-time processing nodes and the components that live on them. Deployment diagrams address the static deployment view of architecture. They are related to component diagrams in that a node typically encloses one or more components.

Statechart Diagrams:

The state diagram shows the states of an object and represents activities as arrows connecting the states. The Activity Diagram highlights the activities. Each activity is represented by a rounded rectangle-narrower and more oval-shaped than the state icon. An arrow represents the transition from the one activity to the next. The activity diagram has a starting point represented by filled-in circle, and an end point represented by bulls eye.

Data Flow Diagrams

The DFD takes an input-process-output view of a system i.e. data objects flow into the software, are transformed by processing elements, and resultant data objects flow out of the software.

Data objects represented by labeled arrows and transformation are represented by circles also called as bubbles. DFD is presented in a hierarchical fashion i.e. the first data flow model represents the system as a whole. Subsequent DFD refine the context diagram (level 0 DFD), providing increasing details with each subsequent level.

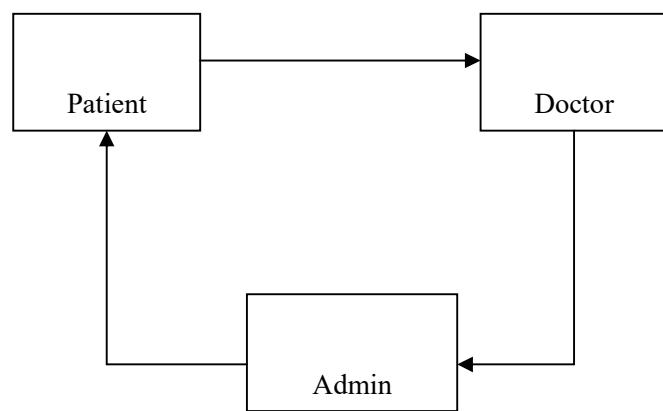
The DFD enables the software engineer to develop models of the information domain & functional domain at the same time. As the DFD is refined into greater levels of details, the analyst perform an implicit functional decomposition of the system. At the same time, the DFD refinement results in a corresponding refinement of the data as it moves through the process that embody the applications.

A context-level DFD for the system the primary external entities produce information for use by the system and consume information generated by the system. The labeled arrow represents data objects or object hierarchy.

RULES FOR DFD:

- Fix the scope of the system by means of context diagrams.
- Organize the DFD so that the main sequence of the actions
- Reads left to right and top to bottom.
- Identify all inputs and outputs.
- Identify and label each process internal to the system with Rounded circles.
- A process is required for all the data transformation and Transfers. Therefore, never connect a data store to a data Source or the destinations or another data store with just a Data flow arrow.
- Do not indicate hardware and ignore control information
- Make sure the names of the processes accurately convey everything the process is done.
- There must not be unnamed process.
- Indicate external sources and destinations of the data, with Squares.
- Number each occurrence of repeated external entities.
- Identify all data flows for each process step, except simple Record retrievals.

- Label data flow on each arrow.
- Use details flow on each arrow.
- Use the details flow arrow to indicate data movements



Entity Relationship Diagrams

The Entity-Relationship (ER) model was originally proposed by Peter in 1976 [Chen76] as a way to unify the network and relational database views. Simply stated the ER model is a conceptual data model that views the real world as entities and relationships. A basic component of the model is the Entity-Relationship diagram which is used to visually represents data objects. Since Chen wrote his paper the model has been extended and today it is commonly used for database design. For the database designer, the utility of the ER model is:

- it maps well to the relational model. The constructs used in the ER model can easily be transformed into relational tables.
- it is simple and easy to understand with a minimum of training. Therefore, the model can be used by the database designer to communicate the design to the end user.
- In addition, the model can be used as a design plan by the database developer to implement a data model in a specific database management software.

Connectivity and Cardinality

The basic types of connectivity for relations are: one-to-one, one-to-many, and many-to-many. A one-to-one (1:1) relationship is when at most one instance of entity A is associated with one instance of entity B. For example, "employees in the company are each assigned their own office. For each employee there exists a unique office and for each office there exists a unique employee.

A *one-to-many* (1:N) relationships is when for one instance of entity A, there are zero, one, or many instances of entity B, but for one instance of entity B, there is only one instance of entity

A. An example of a 1:N relationships is

a department has many employees

each employee is assigned to one department

A many-to-many (M:N) relationship, sometimes called non-specific, is when for one instance of entity A, there are zero, one, or many instances of entity B and for one instance of entity B there are zero, one, or many instances of entity A. The connectivity of a relationship describes the mapping of associated

ER Notation

There is no standard for representing data objects in ER diagrams. Each modeling methodology uses its own notation. The original notation used by Chen is widely used in academics texts and journals but rarely seen in either CASE tools or publications by non-academics. Today, there are a number of notations used, among the more common are Bachman, crow's foot, and IDEFIX. All notational styles represent entities as rectangular boxes and relationships as lines connecting boxes. Each style uses a special set of symbols to represent the cardinality of a connection. The notation used in this document is from Martin. The symbols used for the basic ER constructs are:

- **entities** are represented by labeled rectangles. The label is the name of the entity. Entity names should be singular nouns.

- **relationships** are represented by a solid line connecting two entities. The name of the relationship is written above the line. Relationship names should be verbs
- **attributes**, when included, are listed inside the entity rectangle. Attributes which are identifiers are underlined. Attribute names should be singular nouns.
- **cardinality** of many is represented by a line ending in a crow's foot. If the crow's foot is omitted, the cardinality is one.
- **existence** is represented by placing a circle or a perpendicular bar on the line. Mandatory existence is shown by the bar (looks like a 1) next to the entity for an instance is required. Optional existence is shown by placing a circle next to the entity that is optional

E-R



Coding

DataBase Connection :-

```
<?php
// Create connection
$con=mysqli_connect("localhost","root","","e-healthcare");

// Check connection
if (mysqli_connect_errno($con))
{
    echo "Failed to connect to MySQL: " . mysqli_connect_error();
}
?>
```

Admin Login:-

```
<?php
error_reporting(0);
session_start();

include("dbconnection.php");
if(isset($_SESSION[adminid]))
{
    echo "<script>window.location='adminaccount.php';</script>";
}
if(isset($_POST[submit]))
{
    $sql = "SELECT * FROM admin WHERE loginid='".$_POST[loginid']."' AND password='".$_POST[password]' AND status='Active'";
    $qsql = mysqli_query($con,$sql);
    if(mysqli_num_rows($qsql) == 1)
    {
```

```
$rslogin = mysqli_fetch_array($qsql);
$_SESSION[adminid]= $rslogin[adminid] ;
echo "<script>window.location='adminaccount.php';</script>";
}
else
{
    echo "<script>alert('Invalid login id and password entered..'); </script>";
}
?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="utf-8">
    <meta name="author" content="Kodinger">
    <meta name="viewport" content="width=device-width,initial-scale=1">
    <title>My Login Page</title>
    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css" integrity="sha384-gg0yR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T" crossorigin="anonymous"
>
    <link rel="stylesheet" type="text/css" href="css/my-login.css">
    <link href="img/fav.png" rel="icon">
</head>

<body class="my-login-page">
<section class="h-100">
    <div class="container h-100">
        <div class="row justify-content-md-center h-100">
            <div class="card-wrapper">
                <div class="brand">
                    
                </div>
                <div class="card fat">
                    <div class="card-body">
                        <h4 class="text-center card-title">E-healthcare</h4>
                        <hr>
                        <h5 class="text-center card-title">Admin Login</h5>
                        <form method="POST" class="my-login-validation" name="frmadminlogin" novalidate="">
                            <div class="form-group">
                                <label for="email">E-Mail Address</label>
                                <input id="email" type="email" class="form-control" name="loginid" id="loginid" value="" required autofocus>
                                <div class="invalid-feedback">
                                    Email is invalid
                                </div>
                            </div>
                            <div class="form-group">
                                <label for="password">Password</label>
                                <input id="password" type="password" class="form-control" name="password" id="password" required>
                                <div class="invalid-feedback">
                                    Password is invalid
                                </div>
                            </div>
                            <div class="form-group">
                                <input type="checkbox" class="form-control" name="rememberme" id="rememberme" checked="">
                                <label for="rememberme">Remember Me</label>
                            </div>
                            <div class="text-center">
                                <button type="submit" class="btn btn-primary" value="Submit">Submit</button>
                            </div>
                        </form>
                    </div>
                </div>
            </div>
        </div>
    </div>
</section>
</body>
```

```
        <label for="password">Password
              <a href="forgot.php" class="float-right">
                  Forgot Password?
              </a>
          </label>
          <input id="password" type="password" class="form-control" name="password" id="password" required data-eye>
              <div class="invalid-feedback">
                  Password is required
              </div>
          </div>

          <div class="form-group m-0">
              <button type="submit" name="submit" id="submit" value="Login" class="btn btn-primary btn-block">
                  Login
              </button>
          </div>
          <div class="mt-4 text-center">
              Click Here to go Home Page <a href="http://localhost/e-health">Home Page</a>
          </div>
      </form>
  </div>
</div>
<div class="footer">
    Copyright © 2021 – E-healthcare
</div>
</div>
</div>
</div>
</body>
</html>
```

Admin DashBoard:-

```
<?php
session_start();
if(!isset($_SESSION['adminid']))
{
    echo "<script>window.location='adminlogin.php';</script>";
}
else
{
include("dbconnection.php");

?>

<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
    <meta name="description" content="Responsive Admin & Dashboard Template based on Bootstrap 5">
    <meta name="author" content="AdminKit">
    <meta name="keywords" content="adminkit, bootstrap, bootstrap 5, admin, dashboard, template, responsive, css, sass, html, theme, front-end, ui kit, web">

    <link href="img/fav.png" rel="icon">

    <title>E-healthcare</title>

    <link href="css/app.css" rel="stylesheet">
</head>

<body>
```

```
<div class="wrapper">

<?php include("menu.php");?>

<div class="main">
<?php include("header.php");?>

<main class="content">
<div class="container-fluid p-0">

<div class="row mb-2 mb-xl-3">
<div class="col-auto d-none d-sm-block">
<h3><strong>Admin Account</strong> Dashboard</h3>
</div>

<div class="col-auto ml-auto text-right mt-n1">
<nav aria-label="breadcrumb">
<ol class="breadcrumb bg-transparent p-0 mt-1 mb-0">
<li class="breadcrumb-item"><a href="#">Admin Account</a></li>
<li class="breadcrumb-item"><a href="#">Dashboards</a></li>
<li class="breadcrumb-item active" aria-current="page">Dashboard</li>
</ol>
</nav>
</div>
</div>
<div class="row">
<div class="col-12 col-xxl-12 d-flex">
<div class="w-100">
<div class="row">
<div class="col-sm-12">
<div class="card">
<div class="card-body">
<h1>Number of Appointment Records :</h1>
<?php
$sql = "SELECT * FROM appointment WHERE status='Active'";
if(isset($_GET[date]))
{
    $sql = $sql . " AND appointmentdate ='$_GET[date]'";
}
$qsql = mysqli_query($con,$sql);
echo mysqli_num_rows($qsql);
?>
</h1>
<h1>Number of Billing Reports :</h1>
<?php
$sql = "SELECT * FROM billing WHERE billingid !='0'";
if(isset($_GET[date]))
{
```

```
$sql = $sql . " AND billingdate ='$_GET[date]'";
}
$qsql = mysqli_query($con,$sql);
echo mysqli_num_rows($qsql);
?>
</h1>

        </div>
    </div>
    <div class="card">
        <div class="card-body">
            <h1 class="mt-1 mb-3"> Number of Appointment Records :

            <?php
$sql = "SELECT * FROM appointment WHERE status='Active'";
$qsql = mysqli_query($con,$sql);
echo mysqli_num_rows($qsql);
?> </h1>
        </div>
    </div>
</div>

<div class="col-sm-12">

        <div class="card">
            <div class="card-body">
                <h1>Number of Patient Records :

            <?php
$sql = "SELECT * FROM patient WHERE status='Active'";
if(isset($_GET[date]))
{
    $sql = $sql . " AND admissiondate ='$_GET[date]'";
}
$qsql = mysqli_query($con,$sql);
echo mysqli_num_rows($qsql);
?>
            </h1>
            <h1>Number of Treatment Records :
            <?php
$sql = "SELECT * FROM treatment_records WHERE status='Active'";
if(isset($_GET[date]))
{
    $sql = $sql . " AND treatment_date ='$_GET[date]'";
}
$qsql = mysqli_query($con,$sql);
echo mysqli_num_rows($qsql);
?>
            </h1>
```

```
<h1>Number of Billing Records :  
<?php  
$sql = "SELECT * FROM billing_records WHERE status='Active'";  
$qsql = mysqli_query($con,$sql);  
echo mysqli_num_rows($qsql);  
}  
?>  
</h1>  
  
                                </div>  
</div>  
  
                                </div>  
</div>  
  
</div>  
</main>  
  
<?php include("footer.php");?>  
  
</div>  
</div>  
  
<script src="js/app.js"></script>  
  
</body>  
</html>
```

Doctor Login :-

```
<?php  
error_reporting(0);
```



```
<h4 class="card-title text-center">E-healthcare</h4>
<hr>
<h5 class="card-title text-center">Doctor Login</h5>
<form method="POST" class="my-login-validation" name="frmdoctlogin" novalidate="">
    <div class="form-group">
        <label for="email">E-Mail Address</label>
        <input id="email" type="email" class="form-control" name="loginid" id="loginid" value="" required autofocus>
        <div class="invalid-feedback">
            Email is invalid
        </div>
    </div>

    <div class="form-group">
        <label for="password">Password
            <a href="forgot.php" class="float-right">
                Forgot Password?
            </a>
        </label>
        <input id="password" type="password" class="form-control" name="password" id="password" required data-eye>
        <div class="invalid-feedback">
            Password is required
        </div>
    </div>

    <div class="form-group m-0">
        <button type="submit" name="submit" id="submit" value="Login" class="btn btn-primary btn-block">
            Login
        </button>
    </div>
    <div class="mt-4 text-center">
        Click Here to go Home Page <a href="http://localhost/e-health">Home Page</a>
    </div>
</form>
</div>
<div class="footer">
    Copyright © 2021 – E-healthcare
</div>
</div>
</div>
</section>
```

```

<script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-q8i/X+965Dz00rT7abK41JStQIAqVgRVzbzo5smXKp4YfRvH+8abTE1Pi6jizo" crossorigin="anonymous"></script>
<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js" integrity="sha384-U02eT0CpHqdSJQ6hJty5KVphtPhzWj9W01c1HTMGa3JDZwrnQq4sF86dIHNDz0W1" crossorigin="anonymous"></script>
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js" integrity="sha384-JjSmVgyd0p3pXB1rRibZUAYoIIy60rQ6VrjIEaFf/nJGzIxFDsf4x0xIM+B07jRM" crossorigin="anonymous"></script>
<script src="js/my-login.js"></script>
</body>
</html>

```

Doctor Dashboard :-

```

<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="utf-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
  <meta name="description" content="Responsive Admin & Dashboard Template based on Bootstrap 5">
  <meta name="author" content="AdminKit">
  <meta name="keywords" content="adminkit, bootstrap, bootstrap 5, admin, dashboard, template, responsive, css, sass, html, theme, front-end, ui kit, web">

  <link href="img/fav.png" rel="icon">

  <title>E-healthcare</title>

  <link href="css/app.css" rel="stylesheet">
</head>

<body>
  <?php
session_start();
include("dbconnection.php");
if(!isset($_SESSION['doctorid']))>

```



```
<h5 class="card-title mb-4">Number of Appointment Records : </h5>

    <h1 class="mt-1 mb-3"><?php
$sql = "SELECT * FROM appointment WHERE status='Active'";
$qsql = mysqli_query($con,$sql);
echo mysqli_num_rows($qsql);
?> </h1>
        </div>
        </div>
    </div>

<div class="col-sm-12">

    <div class="card">
        <div class="card-body">
            <h5 class="card-title mb-4">Number of Patient Records :
</h5>
            <h1 class="mt-1 mb-3"><?php
$sql = "SELECT * FROM patient WHERE status='Active'";
$qsql = mysqli_query($con,$sql);
echo mysqli_num_rows($qsql);
?> </h1>
        </div>
    </div>
</div>

    </div>
</main>

<?php include("footer.php");?>
</div>
</div>

<script src="js/app.js"></script>

</body>

</html>
```

Patient signup :-

```
<script language="javascript">
    function checkemail(email)
    {
        var xmlhttp;
        if(window.XMLHttpRequest)
            xmlhttp=new XMLHttpRequest();
        else
            xmlhttp=new ActiveXObject("Microsoft.XMLHTTP");

        xmlhttp.onreadystatechange=function()
        {
            if (xmlhttp.readyState==4 && xmlhttp.status==200)
            {
                document.getElementById("emsg").innerHTML=xmlhttp.responseText;
            }
        }

        xmlhttp.open("GET","checkemail.php?q="+email,true);
        xmlhttp.send();
    }
</script>

<?php

include("dbconnection.php");

$dt = date("Y-m-d");
date_default_timezone_set("Asia/Calcutta");
$tim = date("H:i:s");
print_r($tim);
if(isset($_POST['submit']))
{
    $sql ="INSERT INTO patient(patientname,admissiondate,admissiontime,address,mobileno,city,pincode,loginid,password,bloodgroup,gender,dob,status) values('$_POST[patientname]','
$dt','$tim','$_POST[address]','$_POST[mobileno]','$_POST[city]','$_POST[pincode]','$_
POST[loginid]','$_POST[password]','$_POST[select2]','$_POST[select3]','$_POST[dateofbirth
]','Active')";
    if($qsql = mysqli_query($con,$sql))
    {
        echo "<script>alert('patients record inserted successfully...');</script>";
    }
}

```

```
    }
} else
{
    echo mysqli_error($con);
}

}
?>
<div class="col-md-12">
    <form method="post" action="" name="frmpatient" class="needs-validation form-
row" novalidate >

        <div class="form-group col-md-6" >
            <label for="patientname">Patient Name</label>
            <input type="text" class="form-
control" placeholder="Patient Name *" value="" name="patientname" id="patientname" requir-
ed />
            <div class="invalid-feedback">
                Please Enter Patient Name.
            </div>
        </div>
        <div class="form-group col-md-6" >
            <label for="mobilenumbe">Mobile No</label>
            <input type="text" maxlength="10" minlength="10" class="form-
control" placeholder="Mobile Number *" name="mobilenumber" id="mobilenumber" value="" req-
uiresd />
            <div class="invalid-feedback">
                Please Enter Mobile No.
            </div>
        </div>
        <div class="form-group col-md-12" >
            <label for="email">Email</label>
            <input type="email" class="form-
control" placeholder="Email *" onBlur="checkemail(this.value)" name="loginid" id="loginid" value="" required
/>
            <span id="emsg" class="text-danger"></span>
            <div class="invalid-feedback">
                Please Enter Email.
            </div>
        </div>
        <div class="form-group col-md-4" >
            <label for="select3">Gender</label>
            <select name="select3" id="select3" class="form-control" required>
                <option selected disabled value="">Gender</option>
                <?php
                    $arr = array("MALE","FEMALE");
                    foreach($arr as $val)
                    {
                        if($val == $rsedit[gender])
                            <option value="$val">$val</option>
                    }
                </?php
            </select>
        </div>
    </form>
</div>
```

```
        {
            echo "<option value='$val' selected>$val</option>";
        }
    else
    {
        echo "<option value='$val'>$val</option>";
    }
}
?>

</select>
<div class="invalid-feedback">
    Please Select Gender.
</div>
</div>
<div class="form-group col-md-4">
    <label for="dateofbirth">Date of birth</label>
    <input type="Date" class="form-
control" value="DOB" name="dateofbirth" required />
    <div class="invalid-feedback">
        Please provide DOB.
    </div>
</div>
<div class="form-group col-md-4">
    <label for="select2">Blood Group</label>
    <select class="form-control " name="select2" id="select2" required>
        <option selected disabled value="">Select Blood Group</option>
        <?php
$arr = array("A+","A-","B+","B-","O+","O-","AB+","AB-");
foreach($arr as $val)
{
    if($val == $rsedit[bloodgroup])
    {
        echo "<option value='$val' selected>$val</option>";
    }
    else
    {
        echo "<option value='$val'>$val</option>";
    }
}
?>
</select>
<div class="invalid-feedback">
    Please Select bloodgroup.
</div>
</div>
<div class="form-group col-md-6">
    <label for="password">Password</label>
    <input type="password" class="form-
control" placeholder="Password *" name="password" id="password" value="" required />
```

```
<div class="invalid-feedback">
    Please Enter Password.
</div>
</div>
<div class="form-group col-md-6">
    <label for="confirmpassword">Confirm Password</label>
    <input type="password" class="form-
control" placeholder="Confirm Password *" name="confirmpassword" id="confirmpassword" va-
lue="" onChange ="matchPassword();" required />

    <div
        id = "message2" style="color:red">
    </div>
<div class="invalid-feedback">

    Please Enter Confirm Password.
</div>
</div>
<div class="form-group col-md-5">
    <label for="address">Address</label>
    <input type="text" class="form-
control" placeholder="Address *" value="" name="address" id="address" required />
    <div class="invalid-feedback">
        Please Enter Address.
    </div>
</div>
<div class="form-group col-md-4">
    <label for="city">City</label>
    <input type="text" class="form-
control" placeholder="City *" name="city" id="city" value="" required />
    <div class="invalid-feedback">
        Please Enter City.
    </div>
</div>

<div class="form-group col-md-3">
    <label for="pincode">Pincode</label>
    <input type="text" maxlength="10" minlength="10" class="form-
control" placeholder="Pincode *" name="pincode" id="pincode" value="" required />
    <div class="invalid-feedback">
        Please provide Pin no.
    </div>
</div>
<div class="col-md-6">
    <input type="submit" class="btnRegister" name="submit" id="submit" value="Regis-
ter"/>
    </div>
</form>
</div>
```

```
<script>
// Example starter JavaScript for disabling form submissions if there are invalid fields
(function() {
    'use strict';
    window.addEventListener('load', function() {
        // Fetch all the forms we want to apply custom Bootstrap validation styles to
        var forms = document.getElementsByClassName('needs-validation');
        // Loop over them and prevent submission
        var validation = Array.prototype.filter.call(forms, function(form) {
            form.addEventListener('submit', function(event) {
                if (form.checkValidity() === false) {
                    event.preventDefault();
                    event.stopPropagation();
                }
                form.classList.add('was-validated');
            }, false);
        });
    }, false);
})();

</script>
<script type="text/javascript">
function matchPassword() {
    var password = $("#password").val();
    var confirmPassword = $("#confirmPassword").val();

    if (password != confirmPassword)
        $("#message2").html("Passwords do not match!");
    else
        $("#message2").html("Passwords match.");
}

</script>
```

Patient Login:-

```
<?php
session_start();

include("dbconnection.php");
if(isset($_SESSION['patientid']))
{

    echo "<script>window.location='users/patientaccount.php';</script>";
}
if(isset($_POST[login]))
{
    $sql = "SELECT * FROM patient WHERE loginid='$_POST[loginid]' AND password='$_POST[pa
ssword]' AND status='Active'";
    $qsql = mysqli_query($con,$sql);
    if(mysqli_num_rows($qsql) >= 1)
    {
        $rslogin = mysqli_fetch_array($qsql);
        $_SESSION['patientid']= $rslogin['patientid'] ;
        echo "<script>window.location='users/patientaccount.php';</script>";
    }
    else
    {
        echo "<script>alert('Invalid login id and password entered..'); </script>";
    }
}
?>

<div class="col-md-12">
    <form method="post" action="" name="frmPATLogin" onS
ubmit="return validateForm()">
        <div class="form-group">
            <input type="text" class="form-
control" name="loginid" id="loginid" placeholder="Email *" value="" />
        </div>

        <div class="form-group">
            <input type="password" class="form-
control" name="password" id="password" placeholder="Password *" value="" />
        </div>

    </div>
```

```
        <div class="col-md-6">
            <input type="submit" class="btnRegister" name="login"
id="login" value="Login"/>
        </div>
```

Patients Dashboard:-

```
<!DOCTYPE html>
<html lang="en">

    <head>
        <meta charset="utf-8">
        <meta http-equiv="X-UA-Compatible" content="IE=edge">
        <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
        <meta name="description" content="Responsive Admin & Dashboard Template based on Bootstrap 5">
        <meta name="author" content="AdminKit">
        <meta name="keywords" content="adminkit, bootstrap, bootstrap 5, admin, dashboard, template, responsive, css, sass, html, theme, front-end, ui kit, web">

        <link href="img/fav.png" rel="icon">

        <title>E-healthcare</title>

        <link href="css/app.css" rel="stylesheet">
    </head>

    <body>
        <?php
session_start();
include("dbconnection.php");
if(!isset($_SESSION['patientid']))>
```

```
{  
    echo "<script>window.location='http://localhost/e-health/login_page.php';</script>";  
}  
?>  
<div class="wrapper">  
    <?php  
        include("header1.php");  
$sqlpatient = "SELECT * FROM patient WHERE patientid='$_SESSION[patientid]' ";  
$qsqlpatient = mysqli_query($con,$sqlpatient);  
$rspatient = mysqli_fetch_array($qsqlpatient);  
  
$sqlpatientappointment = "SELECT * FROM appointment WHERE patientid='$_SESSION[patientid]' ";  
$qsqlpatientappointment = mysqli_query($con,$sqlpatientappointment);  
$rspatientappointment = mysqli_fetch_array($qsqlpatientappointment);  
?>  
  
    <div class="main">  
        <?php include("header.php");?>  
  
        <main class="content">  
            <div class="container-fluid p-0">  
  
                <div class="row mb-2 mb-xl-3">  
                    <div class="col-auto d-none d-sm-block">  
                        <h3><strong>Patient Account</strong> Dashboard</h3>  
                    </div>  
  
                    <div class="col-auto ml-auto text-right mt-n1">  
                        <nav aria-label="breadcrumb">  
                            <ol class="breadcrumb bg-transparent p-0 mt-1 mb-0">  
                                <li class="breadcrumb-item"><a href="#">Patient Account</a></li>  
                                <li class="breadcrumb-item"><a href="#">Dashboards</a></li>  
                                <li class="breadcrumb-item active" aria-current="page">Dashboard</li>  
                            </ol>  
                        </nav>  
                    </div>  
                </div>  
                <div class="row">  
                    <div class="col-12 col-xxl-12 d-flex">  
                        <div class="w-100">  
                            <div class="row">  
                                <div class="col-sm-12">  
                                    <div class="card">  
                                        <div class="card-body">  
                                            <h5 class="card-title mb-4">This account is registered under</h5>  
                                            <h1 class="mt-1 mb-3"> <?php echo $rspatient[patientname]; ?> </h1>  
                                        </div>  
                                    </div>  
                                </div>  
                            </div>  
                        </div>  
                    </div>  
                </div>  
            </div>  
        </main>  
    </div>
```

```
</div>
<div class="card">
    <div class="card-body">
        <h5 class="card-title mb-4">You have Registered on </h5>
        <h1 class="mt-1 mb-3"><?php echo $rspatient[admissiondate]; ?> <?php echo $rspatient[admissiontime]; ?></h1>
    </div>
</div>

<div class="col-sm-12">
    <?php
if(mysqli_num_rows($sqlpatientappointment) == 0)
{
?>

    <div class="card">
        <div class="card-body">
            <h5 class="card-title mb-4"></h5>
            <h1 class="mt-1 mb-3">Appointment records not found..</h1>

        </div>
    </div>
<?php
}
else
{
?>

    <div class="card">
        <div class="card-body">
            <h5 class="card-title mb-4">Last Appointment taken on -</h5>
            <h1 class="mt-1 mb-3"><?php echo $rspatientappointment[appointmentdate]; ?> <?php echo $rspatientappointment[appointmenttime]; ?></h1>

        </div>
    </div>
<?php
}
?>

    </div>
    </div>
    </div>
</div>
</main>
```

```
<?php include("footer.php");?>
</div>
</div>

<script src="js/app.js"></script>

</body>

</html>
```

TESTING

INTRODUCTION TO SYSTEM TESTING:

The purpose of testing is to discover errors. Testing is the process of trying to discover every conceivable fault or weakness in a work product. It provides a way to check the functionality of components, sub assemblies, assemblies and/or a finished product. It is the process of exercising software with the intent of ensuring that the

Software system meets its requirements and user expectations and does not fail in an unacceptable manner. There are various types of test. Each test type addresses a specific testing requirement.

TYPES OF TESTING:

Unit testing:

Unit testing involves the design of test cases that validate that the internal program logic is functioning properly, and that program inputs produce valid outputs. All decision branches and internal code flow should be validated. It is the testing of individual software units of the application .it is done after the completion of an individual unit before integration. This is a structural testing, that relies on knowledge of its construction and is invasive. Unit tests perform basic tests at component level and test a specific business process, application, and/or system

configuration. Unit tests ensure that each unique path of a business process performs accurately to the documented specifications and contains clearly defined inputs and expected results.

Integration testing:

Integration tests are designed to test integrated software components to determine if they actually run as one program. Testing is event driven and is more concerned with the basic outcome of screens or fields. Integration tests demonstrate that although the components were individually satisfaction, as shown by successfully unit testing, the combination of components is correct and consistent. Integration testing is specifically aimed at exposing the problems that arise from the combination of components.

Functional test:

Functional tests provide systematic demonstrations that functions tested are available as specified by the business and technical requirements, system documentation, and user manuals.

Functional testing is centered on the following items:

Valid Input : identified classes of valid input must be accepted.

Invalid Input : identified classes of invalid input must be rejected.

Functions : identified functions must be exercised.

Output : identified classes of application outputs must be exercised.

Systems/Procedures : interfacing systems or procedures must be invoked.

Organization and preparation of functional tests is focused on requirements, key functions, or special test cases. In addition, systematic coverage pertaining to identify Business process flows; data fields, predefined processes, and successive processes must be considered for testing. Before functional testing is complete, additional tests are identified and the effective value of current tests is determined.

System Test:

System testing ensures that the entire integrated software system meets requirements. It tests a configuration to ensure known and predictable results. An example of system testing is the configuration oriented system integration test. System testing is based on process descriptions and flows, emphasizing pre-driven process links and integration points.

White Box Testing:

White Box Testing is a testing in which in which the software tester has knowledge of the inner workings, structure and language of the software, or at least its purpose. It is purpose. It is used to test areas that cannot be reached from a black box level.

Black Box Testing:

Black Box Testing is testing the software without any knowledge of the inner workings, structure or language of the module being tested. Black box tests, as most other kinds of tests, must be written from a definitive source document, such as specification or requirements document, such as specification or requirements document. It is a testing in which the software under test is treated, as a black box .you cannot “see” into it. The test provides inputs and responds to outputs without considering how the software works.

Unit Testing:

Unit testing is usually conducted as part of a combined code and unit test phase of the software lifecycle, although it is not uncommon for coding and unit testing to be conducted as two distinct phases.

Test strategy and approach Field testing will be performed manually and functional tests will be written in detail

Test objectives

- All field entries must work properly.
- Pages must be activated from the identified link.
- The entry screen, messages and responses must not be delayed

Features to be tested

- Verify that the entries are of the correct format
- No duplicate entries should be allowed
- All links should take the user to the correct page.

Integration Testing:

Software integration testing is the incremental integration testing of two or more integrated software components on a single platform to produce failures caused by interface defects.

The task of the integration test is to check that components or software applications, e.g. components in a software system or – one step up – software applications at the company level – interact without error.

Test Results:

All the test cases mentioned above passed successfully. No defects encountered.

Acceptance Testing:

User Acceptance Testing is a critical phase of any project and requires significant participation by the end user. It also ensures that the system meets the functional requirements.

Test Results:

All the test cases mentioned above passed successfully. No defects encountered.

SAMPLE SCREENSHOT

Home Page:-

The screenshot shows the homepage of the E-HealthCare website. At the top, there is a navigation bar with links for Monday-Saturday, 8AM to 10PM, Call us now -91 8299 6082 70, HOME, ABOUT US, OUR SERVICES, VISION & MISSION, DOCTORS, COVID-19, CONTACT, and Login. Below the navigation bar is a large banner featuring a surgeon in an operating room. The banner includes the text "Welcome to E-HealthCare" and a brief description of e-health. There are also buttons for "Leave a message" and "Read More". Below the banner are four service boxes: "Pharmaceutical", "Tele-Medicine Services", "Social / Scientific", and "Online Shop". Each box contains a small icon and a brief description. A teal-colored section below these boxes is titled "All update is Here About covid-19" and includes a "Click Here" button. Further down, there is a "COVID-19" section with a "Stay Safe, Stay Home" heading, "Main Symptoms?" (with a note about COVID-19 affecting different people), "Covid Prevention" (stopping the spread starts with you), and "COVID-19 Vaccine" (the world is in the midst of a COVID-19 pandemic). To the right of this section is an illustration of a person with various symptoms labeled: HEADACHE, COUGH, BREATHLESSNESS, SHORNSHINE OF BREATH, FATIGUE, MALAIA, RHINOREESE, SORE THROAT, DIARRHEA, LOSS OF SMELL, LOSS OF TASTE, and VOMITING. Below this is a "GALLERY" section showing six images related to medical and healthcare services. At the bottom of the page is a footer with links for E-HealthCare, Useful Links, Administrations Login, and About Us, along with social media icons and a copyright notice.

About us:-

© Monday - Saturday, 8AM to 10PM

Call us now +91 8299 6082 70

 [HOME](#) [ABOUT US](#) [OUR SERVICES](#) [VISION & MISSION](#) [DOCTORS](#) [COVID-19](#) [CONTACT](#) [Login](#)

About Us Home / About Us

ABOUT US

We are backed by a team of professionals from various fields, having more than 25+ years of experience and expertise in Manufacturing, Sales & Marketing.

E-HealthCare

E-health, also spelled eHealth, also called e-health care, use of digital technologies and telecommunications, such as computers, the Internet, and mobile devices, to facilitate health improvement and health care services. E-health is often used alongside traditional “off-line” (non-digital) approaches for the delivery of information directed to the patient and the health care consumer.

We are backed by a team of professionals from various fields, having more than 25+ years of experience and expertise in Manufacturing, Sales & Marketing, Distribution, and Operations. Our products are manufactured keeping highest quality of production with comparable efficacy and safety standards. Our endeavour is to make continuous efforts to provide newer, quality drugs at affordable price.

To become among leading health care companies of India
 webinars for scientific CME
 a significant global player by providing high quality

[Leave a message](#) 



E-HealthCare

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Email: narayanmerish33@gmail.com

[!\[\]\(4b950a46a9eb2fff2ca3cc94f4525968_img.jpg\)](#) [!\[\]\(9c8e836ecaaf1ab7837daca7c7914691_img.jpg\)](#) [!\[\]\(1186bf482ee1213aed66ca59e23b7135_img.jpg\)](#) [!\[\]\(ad63e3f6f7337625419f741f71a7ec54_img.jpg\)](#)

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- [About Us](#)
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About Us

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Our Services:-

Monday - Saturday, 8AM to 10PM

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OUR SERVICES

We are backed by a team of professionals from various fields, having more than 25+ years of experience and expertise in Manufacturing, Sales & Marketing

Online Appointment
We are provide a best service for Patients. they book and take Appointment Online.

Online Chat
We are Provide a chat interface. here user ask any question and we are give the answer as soon.

Covid-19 Live Update
Here All Update About the Covid-19 All over World As Well As India State Wise.

Best User Interface
Here We Provide Best User Interface and esay to use All services.



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Vission & Mission:-

Monday - Saturday, 8AM to 10PM Call us now +91 8299 6082 70

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Our Vision & Mission [Home](#) / Our Vision & Mission

OUR VISION & MISSION

A community in which all people achieve their full potential for health and well-being across the lifespan. We work to be trusted by patients, a valued partner in the community, and creators of positive change.

Our Vision

Vision

Our number one priority is to ensure the safety of our patients, their relatives and our employees. We do not want anybody to get harmed due to preventable faults, and we fulfill the necessities to avoid such situations. We strive to ensure that patients and their relatives receive healthcare services in a safe environment by identifying potential risks in beforehand.

We know the importance of establishing open communication and understanding cultural, physical and psychological requirements. We protect the rights of our patients and their relatives without discrimination. To be a reference center that brings state-of-the-art healthcare to the patients we

[Leave a message](#) 

Our Mission

Mission

As a digital health organization, it is our mission to support and cultivate a more connected and accessible healthcare experience. We pledge to use our collective knowledge and digital health expertise to dismantle any barriers patients may face when attempting to access healthcare.

Here at the eHealth Centre of Excellence, we believe in a healthcare system that is completely and wholly equitable, that serves all equally regardless of race, class, gender, sexual orientation or any other identificatory category. We are committed to acknowledging, understanding, and confronting systemic oppression in all its various and insidious forms.

E-HealthCare

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Our Doctors:-

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Doctors Home / Doctors

DOCTORS

"Every day I was there, especially when I was on a ventilator and full life support, the staff would write on the window the goals for me to try and reach each day," says Nic, who is no longer in intensive care. "They would encourage me. One day someone wrote, 'We will get you home.'"



Leave a message 😊

Lokesh Kumar Chopra
Chief Medical Officer



Sandeep H S
Anesthesiologist



Divya
Cardiology



Rashmi
Neurosurgeon






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Covid-19:- (World Update)

Monday - Saturday, 8AM to 10PM

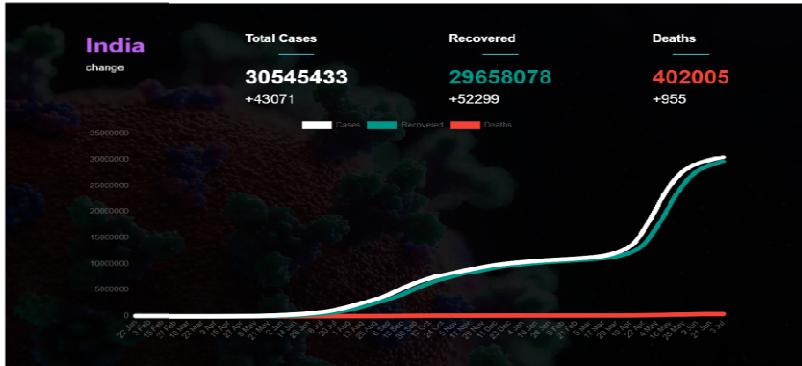
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[Covid-19 Update](#) Home / Covid-19

COVID-19 UPDATE LIVE

Here you can see the Covid-19 Update All over the World with Graph.
For Individual Country Update Click on Change and search or select.



COVID-19 INDIA VACCINATION LIVE UPDATE

Here See the vaccination Details

 362301957	 351221306	 287137161
Total Registered for vaccination	Total Doses Administered	Total Vaccinated
Find out more »	Find out more »	Find out more »

COVID UPDATE STATES

[Covid-19 State Wise Update](#)

[Vaccin Details \(Updated on 04/07/2021 09:00:00\)](#)

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Covid-19:- (India State Update)

COVID-19 INDIA VACCINATION LIVE UPDATE

Here See the vaccination Details

362301957 Total Registered for vaccination Find out more >	351221306 Total Doses Administered Find out more >	287137161 Total Vaccinated Find out more >
--	--	--

COVID UPDATE STATES

Covid-19 State Wise Update					
Date And Time	State Name	confirmed	active	recovered	deaths
03/07/2021 22:30:05	Ardaman and Nicobar Islands	7476	20	7330	128
03/07/2021 21:02:11	Arutra Pradesh	1692746	35671	1651002	12515
03/07/2021 22:22:15	Armedged Pradesh	39857	9007	39704	170
03/07/2021 22:13:16	Assam	515681	23737	486265	4532
03/07/2021 21:28:10	Other	722416	1039	711279	8099
03/07/2021 20:09:10	Chandigarh	61788	149	60761	8016
03/07/2021 21:46:12	Chhattisgarh	995489	5330	976706	13453
03/07/2021 20:54:14	Dogra and Nagar Haveli and Daman and Diu	10570	42	10448	4
03/07/2021 21:59:42	Delhi	1434460	1016	1408455	24988
03/07/2021 20:37:12	Ges	167272	2129	162074	3099
03/07/2021 22:51:15	Gujarat	823763	2527	811199	10267
03/07/2021 21:38:12	Haryana	768852	1234	758144	9474
03/07/2021 20:00:14	Himachal Pradesh	262666	444	262220	5456
03/07/2021 20:27:13	Jammu and Kashmer	316629	4045	302240	4335
04/07/2021 09:08:12	Jharkhand	345685	805	339966	5114
03/07/2021 20:27:14	Karnataka	2852070	48116	2768632	35308
03/07/2021 19:30:10	Kerala	2961960	103966	2639009	13041
04/07/2021 09:22:09	Ladakh	20113	240	19671	202
03/07/2021 22:13:12	Lakshadweep	9861	295	9516	49
03/07/2021 19:52:13	Madhya Pradesh	789930	490	780449	8931
03/07/2021 21:38:14	Mananarashtra	6888841	11750	6849319	122725
03/07/2021 20:23:22	Manipur	71643	8126	64320	1188
03/07/2021 20:20:20	Meghalaya	51055	4504	45280	655
03/07/2021 22:54:16	Mesmer	21063	3864	17244	06
03/07/2021 21:28:23	Nagaland	25451	1263	22991	492
03/07/2021 09:07:16	Odisha	916626	27309	887420	4207
03/07/2021 21:17:13	Puducherry	117787	2107	113920	1790
04/07/2021 09:08:15	Punjab	596205	2533	577624	15103
03/07/2021 20:07:16	Rajasthan	952663	1269	942460	8934
03/07/2021 21:02:14	Sikkim	20950	2059	18330	309
19/07/2020 09:40:01	State Unassigned	0	0	0	0
03/07/2021 20:00:17	Tamil Nadu	2492460	3661	2422804	50094
03/07/2021 20:00:17	Telangana	626185	12634	609947	3954
03/07/2021 20:23:27	Tripura	67020	3893	62417	682
03/07/2021 21:38:25	Utar Pradesha	1764406	3461	1684443	32939
03/07/2021 21:38:10	Uttarakhand	340640	1621	320046	7331
03/07/2021 20:09:22	West Bengal	1504097	19230	1467038	17779

Vaccine Details (Updated on 04/07/2021 09:00:00)

E-HealthCare
 Kaushambi U.P.
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 Phone: +91 8299 608270
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Useful Links

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- > About Us
- > Services
- > Covid-19
- > Contact

Administrations Login

- > Admin Login
- > Doctor Login

About Us
 We are backed by a team of professionals from various fields. Our team has extensive experience in the field of Manufacturing, Sales & Marketing, Design, and Operations. Our products are manufactured keeping highest quality of production with comparable efficacy and safety standards. Our endeavor is to bring the best in class products to provide a quality clinical at affordable price.

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Contact Us:-

Monday - Saturday, 8AM to 10PM

Call us now +91 8299 6082 70

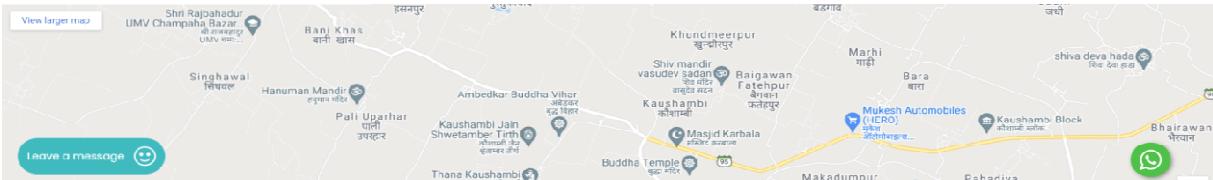
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CONTACT

If you Have any Question Send Direct Message.



 E-HealthCare

HOME ABOUT US OUR SERVICES VISION & MISSION DOCTORS COVID-19 CONTACT Login

 Our Address
India Uttar Pradesh Allahabad 211010

 Email Us
info@example.com
narayanmanish333@gmail.com

 Call Us
+91 5589 55488 55
+91 8299 6082 70

Your Name

Your Email

Subject

Message

Send Message

E-HealthCare

Kaushambi U.P.
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Phone: +91 8299 6082 70
Email: narayanmanish333@gmail.com



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Patient Signup:-

The screenshot shows the Patient profile Registration Panel of the E-HealthCare website. The page has a teal header bar with the text "Monday - Saturday, 8AM to 10PM" and "Call us now +91 8299 6082 70". Below the header is the E-HealthCare logo and a navigation menu with links to HOME, ABOUT US, OUR SERVICES, VISION & MISSION, DOCTORS, COVID-19, CONTACT, and a blue "Login" button.

The main content area features a teal sidebar on the left with a "Welcome" message: "Welcome in E-HealthCare. Please Login Or Sign Up For Access Our Facility." It also includes a "Leave a message" button with a smiley face icon. The main form is titled "Patient profile Registration Panel" and contains fields for Patient Name, Mobile No, Email, Gender, Date of birth, Blood Group, Password, Confirm Password, Address, City, and Pincode. There are "Login" and "Signup" buttons at the top right of the form, and a "Register" button at the bottom center. A green WhatsApp icon is located on the right side of the page.

E-HealthCare

Keushambi U.P.
212216, INDIA

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Useful Links

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- > Doctors
- > Covid-19
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About Us

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Patient Login:-

Monday - Saturday, 8AM to 10PM

Call us now +91 8299 6082 70



HOME ABOUT US OUR SERVICES VISION & MISSION DOCTORS COVID-19 CONTACT Login

Login or Signup

Home / Login or signup

Pateint Login panel

Email *

Password *

Login

Welcome

Welcome in E-
HealthCare. Please Login
Or Sign Up For Access
Our Facility.

Leave a message 😊

WhatsApp icon

Facebook icon

Twitter icon

Instagram icon

LinkedIn icon

E-HealthCare

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Email: narayanmanish33@gmail.com

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Patient Dashboard:-

The screenshot shows the Patient Account Dashboard. On the left, a dark sidebar menu lists 'Pages' with options: Dashboard, Appointment (0+), Profile (0), Prescription, Payment, Treatment, and Log Out. At the top right, there is a search bar, a user icon labeled 'manish', and a breadcrumb navigation path: Patient Account / Dashboards / Dashboard.

Patient Account Dashboard

This account is registered under
manish

You have Registered on
2021-07-04 10:34:13

Last Appointment taken on -
2021-07-04 10:35:00

E-healthCare ©

Doctor Login:-



E-healthcare

Doctor Login

E-Mail Address

Password

[Forgot Password?](#)

[Click Here to go Home Page](#) [Home Page](#)

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Doctor Dashboard:-

The screenshot displays the 'Doctor Account Dashboard' for Dr. Lokesh Kumar Chopra. The dashboard features a dark sidebar on the left with various navigation options: Pages, Dashboard (selected), Settings, Appointment, View Patient, Doctor Timings, Treatment, Income Report, and Log Out. The main content area is titled 'Doctor Account Dashboard' and shows a welcome message and the doctor's name, 'Lokesh Kumar Chopra'. It includes two summary boxes: one for 'Number of Appointment Records' (0) and another for 'Number of Patient Records' (2). The bottom of the page includes the copyright notice 'E-healthCare ©'.

Doctor Account Dashboard

Welcome

Lokesh Kumar Chopra

Number of Appointment Records :

0

Number of Patient Records :

2

E-healthCare ©

Admin Login:-



E-healthcare

Admin Login

E-Mail Address

Password [Forgot Password?](#)

 [Show](#)

Login

Click Here to go Home Page [Home Page](#)

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Admin Dashboard:-

The screenshot shows the Admin Account Dashboard. On the left, there is a dark sidebar with the title "Admin" at the top. Below it, under "Pages", are several menu items: Dashboard (selected), Profile, Patient, Appointment, Treatment, Doctor, and Settings. At the bottom of the sidebar is a "Log Out" button. The main content area has a light gray header bar with a search bar containing "Search..." and a magnifying glass icon. To the right of the search bar is a user profile icon with the name "narayan Mishra". The main content area has two main sections. The first section, titled "Admin Account Dashboard", displays two pieces of information: "Number of Appointment Records : 0" and "Number of Billing Reports : 4". The second section displays three pieces of information: "Number of Appointment Records : 0", "Number of Patient Records : 2", "Number of Treatment Records : 8", and "Number of Billing Records : 14". At the bottom of the dashboard, the text "E-healthCare ©" is visible.

Admin

Pages

Dashboard

Profile

Patient

Appointment

Treatment

Doctor

Settings

Log Out

Search...

Q

narayan Mishra

Admin Account Dashboard

Admin Account / Dashboards / Dashboard

Number of Appointment Records : 0

Number of Billing Reports : 4

Number of Appointment Records : 0

Number of Patient Records : 2

Number of Treatment Records : 8

Number of Billing Records : 14

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CONCLUSION

Since we are entering details of the patients electronically in the "E-healthcare Management System", data will be secured. Using this application we can retrieve patient's history with a single click. Thus processing information will be faster. It guarantees accurate maintenance of Patient details. It easily reduces the book keeping task and thus reduces the human effort and increases accuracy speed.

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