“Hospital Management System (HMS)”

A

Project Report

Submitted in partial fulfillment of the

requirement for the award of Degree of

Bachelor of Computer Applications

Submitted to

310- CIMAGE PROFESSIONAL COLLEGE

ARYABHATTA KNOWLEDGE UNIVERSITY

Submitted By
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Session-2022-2025

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CERTIFICATE

This is to certify that the work embodied in this project entitled, **"Hospital Management System (HMS)"** being submitted by **Anjan Kumar Sharma (22303310030)** in partial fulfillment of the requirement for the award of "**Bachelor of Computer Applications**" to **Aryabhatta Knowledge University, Patna, Bihar** during the academic year 2022-25 is a record of bonafide piece of work, carried out by him/her under our/my supervision and guidance in the "**Department of Computer Applications", CIMAGE PROFESSIONAL COLLEGE.**

Dr. Neeraj Agrawal	**Er. Amit Kr. Shukla**	**Dr. Pawan Kumar Jha**
Director of CIMAGE	Head of Department-IT	Principal

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Department of Computer Applications
Session : 2022-2025

Date:_____

APPROVAL CERTIFICATE

The project report entitled **"Hospital Management System",** being submitted by **Anjan Kumar Sharma** **(Registration number: 22303310030)** has been examined by us and is hereby approved for the award of degree "**Bachelor of Computer Applications**", for which it has been submitted. It is understood that by this approval the undersigned do not necessarily endorse or approve any statement made, the opinion expressed or conclusion drawn therein, but approve the project only for the purpose for which it has been submitted.

(Internal Examiner) (External Examiner)

Date: Date:

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Date:_____

DECLARATION

I, **Anjan Kumar Sharma** hereby declare that the work, which is being presented in the project report entitled **"Hospital Management System (HMS)",** partial fulfillment of the requirements for the award of degree of "**Bachelor of Computer Applications**" submitted in the department of **Computer Science & Information Technology (Cimage Professional College)** is an authentic record of my own work carried under the joint guidance of **Prof. Ravi Kumar Soni Sir and Prof. Amit Shukla Sir.** I have not submitted the matter embodied in this report for the award of any other degree.

Anjan Kumar Sharma
Registration No : 22303310030
BCA AKU 6th Semester
Session : 2022-2025

ACKNOWLEDGEMENT

"A journey is easier when you travel together. Interdependence is certainly more valuable than independence."

I would like to thank **Prof. Ravi Kumar Soni Sir** and **Er. Amit Kumar Shukla Sir**, for providing regular guidance and insight into my project work. I also thank them for all the advice he has given me in the past year, and for always having time for me, whenever I needed it.

I give special thanks to **Er. Amit Kumar Shukla Sir, Prof. Raju Upadhyay Sir,** and **Prof. Pankaj Chandra Sir** for always being willing to help find solutions to any problems I had with my work.

"The completion of any project depends upon the cooperation, coordination, and combined efforts of several resources of knowledge, inspiration, and energy".

I also extend my deepest gratitude to the Director, CIMAGE GROUP OF INSTITUTIONS, PATNA, **Dr. Neeraj Agrawal Sir,** Dean, CIMAGE GROUP OF INSTITUTIONS, PATNA, **Dr. Neeraj Kumar Sir** and Centre Head, **Mrs. Megha Agrawal Ma'am** for providing all the necessary facilities and true encouraging environment to bring out the best in my endeavors.

I express my gratitude and thanks to all the staff members of Computer Science departments for their sincere cooperation in furnishing relevant information to complete this Project well in time successfully.

I extend a special word to my friends, who have been a constant source of inspiration throughout my project work.

Lastly but not least I must express my cordial thanks to my parents and family members who gave me the moral support without that it is impossible to complete my project work. With this note, I thank everyone for the support.

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INTRODUCTION TO HOSPITAL MANAGEMENT SYSTEM

The “HOSPITAL MANAGEMENT SYSTEM (HMS)” has been designed with the help of two powerful programming languages “PHP” and “MySQL”. The “PHP” being in the foreground and the “MySQL” in the background respectively.

The foreground language is my favorite today, due to its interactive user interface and supporting powerful tools for development of interactive software.

The background language is favorite of many of the programmers because it offers the much wanted structured query facility. The MySQL provides high security, as the database is stored in the logical area called “DB Engine”. As “DB Engine” is created in the virtual memory and the end user cannot access that directly.

The project includes registration of patients,storing their details into the system.The software has the facility to give a unique id for every patient and stores the details of every patient.

HMS can be entered using the username and password. It is accessible either by an administrator. Only they can add data to the database. The data can be retrieved easily. The interface is very user-friendly. The data are well protected for personal use and make the data processing fast.

OBJECTIVE

The motive of the project entitled "**Hospital Automation System**" is to maintain all the records and activities taken place in the administrative department of the hospital.

The objectives of this system:

- Improve Hospital Efficiency and Accuracy.
- Patient Satisfaction Through Automation and Improved Workflows.
- Centralized Data Management and Efficient Appointment Scheduling.
- Provide Better Decision-Making Tools For Hospital Administrators.
- Improve Operational Efficiency and Regulatory Compliance.
- Security & Access Control and User-Friendly Interface.

PROJECT CATEGORY PHP

PHP is a server-side scripting language originally developed by Rasmus Lerdorf in 1994 and later maintained by The PHP Group. PHP is a general-purpose programming language that is especially suited for web development and can be embedded into HTML. The language's syntax draws heavily from C, Java, and Perl, with a focus on simplicity and ease of use. PHP code is typically executed on a web server, and the resulting HTML is sent to the client's web browser.

PHP is widely used for creating dynamic web pages, web applications, and content management systems. It is considered one of the most popular programming languages for web development, powering many websites and applications. The PHP language is open-source and has a large community of developers who contribute to its development and maintenance.

ADVANTAGES OF PHP

1. **PHP is Easy to Learn:** PHP is designed to be easy to use and is therefore easy to write, debug, and learn. PHP's syntax is simple and intuitive, making it a great language for beginners. With a vast array of built-in functions and a large community of developers, PHP is an ideal language for those new to programming.
2. **PHP is Flexible:** PHP is a flexible language that can be used for a wide range of applications, from simple scripts to complex web applications. PHP's flexibility makes it a popular choice among developers, and its ability to be embedded into HTML makes it easy to create dynamic web pages.
3. **PHP is Platform-Independent:** PHP is platform-independent, meaning that PHP code can run on any operating system that supports PHP, including Windows, macOS, and Linux. This makes it easy to develop and deploy PHP applications across different platforms.
4. **PHP is Open-Source**: PHP is open-source, which means that it is free to use and distribute. The open-source nature of PHP has led to a large community of developers who contribute to its development and maintenance, ensuring that PHP remains a popular and widely used language.

5. **PHP is Highly Scalable:** PHP is highly scalable, making it suitable for large and complex web applications. PHP's scalability is due in part to its ability to handle a large number of requests and its support for caching and other performance-enhancing technologies.

6. **PHP has Extensive Libraries and Frameworks:** PHP has a vast array of libraries and frameworks that make development easier and faster. Popular frameworks like Laravel, CodeIgniter, and Symfony provide a structure and set of tools that make it easier to build complex web applications.

7. **PHP is Dynamic:** PHP is a dynamic language, which means that it can execute code at runtime. This makes it easy to create dynamic web pages and applications that can respond to user input and changing data.

8. **PHP has a Large Community:** PHP has a large and active community of developers who contribute to its development and maintenance. The PHP community provides a wealth of resources, including documentation, tutorials, and forums, making it easier for developers to learn and use PHP.

TOOLS/PLATFORM REQUIRED

1. Local Development Environment

To simulate a live server on your local machine, you'll need a software stack that includes Apache, MySQL (or MariaDB), and PHP.

- **XAMPP**: A free, open-source cross-platform web server solution stack package developed by Apache Friends, consisting mainly of the Apache HTTP Server, MariaDB database, and interpreters for scripts written in PHP and Perl.

2. Code Editor

A code editor is essential for writing and editing your PHP, HTML, CSS, and JavaScript code.

- **Visual Studio Code (VS Code)**: A free, open-source editor with features like syntax highlighting, IntelliSense, and extensions for PHP and MySQL.

3. Database Management Tool

To manage your MySQL database:

- **phpMyAdmin**: A free and open-source administration tool for MySQL and MariaDB,

offering a web-based interface to perform database tasks.

4. Web Browser

To test and view your application:

- **Google Chrome**: Offers developer tools to inspect and debug your code.
- **Mozilla Firefox**: Provides similar developer tools and is known for its performance.
- **Microsoft Edge**: Built on Chromium, offering modern web standards and developer tools.

5. Operating System

Minimum:

- **Windows:** Windows 7
- **macOS:** macOS Sierra (10.12) or later
- **Linux:** Ubuntu 18.04 or later

Recommended:

- **Windows:** Windows 10 or 11
- **macOS:** macOS Big Sur (11.0) or later
- **Linux:** Ubuntu 20.04 or later
- **Mobile:** Android 11.0 or later, iOS 14.0 or later

6.HARDWARE & SOFTWARE REQUIREMENTS

Hardware Requirements:

RAM	512 MB
Hard Disk	10GB
Processor	1.0 GHz

Software Requirements:

Web Server	APACHE
Server side Language	PHP5.6 or above version
Database Server	MySQL
Web Browser	Google Chrome or any compatible browser
Operating System	Windows or any equivalent OS

PROBLEM DEFINITION

Current manual systems for hospitals are inefficient,prone to errors, time-consuming and lack centralized access to critical information ,thus a system is needed to automate and streamline these processes for the improved quality and accessibility of healthcare delivery.

REQUIREMENT SPECIFICATIONS

A Software Requirements Specification (SRS) is a complete description of the behavior of the system to be developed. It includes a set of use cases that describe all the interactions the users will have with the software. Use cases are also known as functional requirements. In addition to use cases, the SRS also contains non-functional (or supplementary) requirements. Non-functional requirements are requirements which impose constraints on the design or implementation (such as performance engineering requirements, quality standards, or design constraints).

The general requirements of the project are:

- **To maintain the fee details.**
- **To keep track of the staff and doctors details.**
- **To record User details.**
- **To keep the record of various types of fee details.**
- **To keep the back-up of important data.**

PROJECT PLANNING & SCHEDULING

Project planning is part of project management, which relates to the use of schedules such as Gantt charts to plan and subsequently report progress within the project environment.

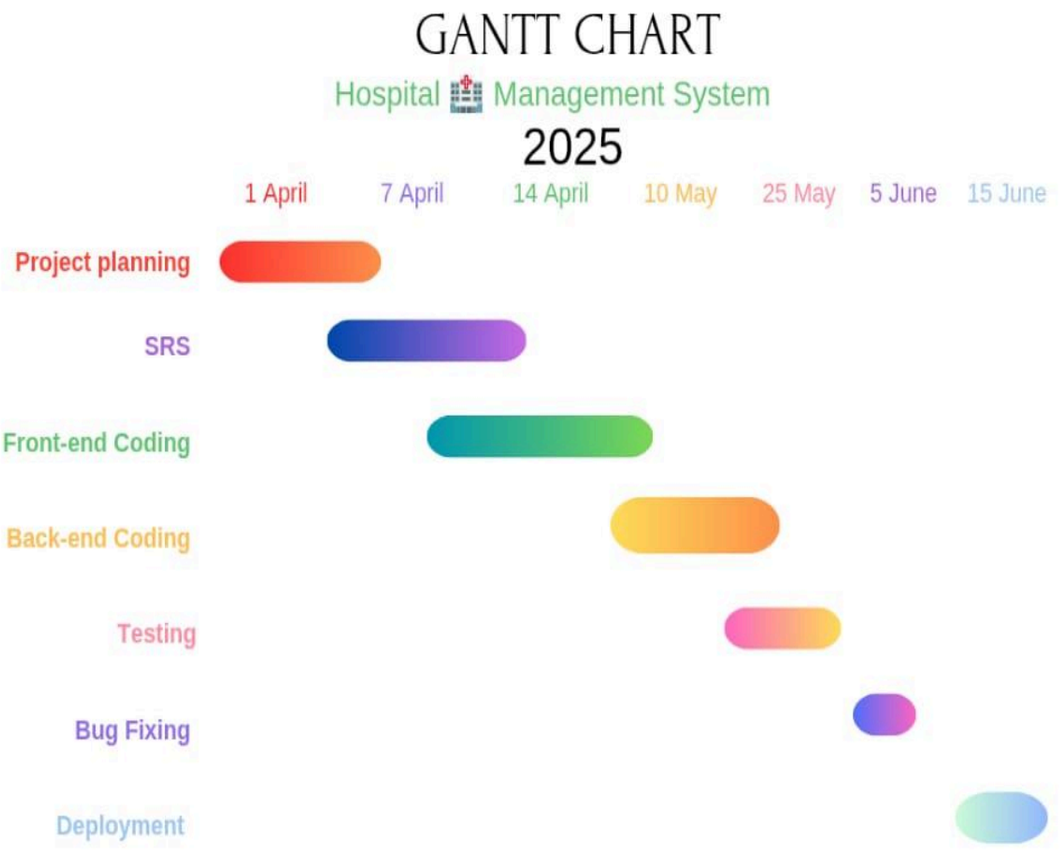
Initially, the project scope is defined and the appropriate methods for completing the project are determined. Following this step, the durations for the various tasks necessary to complete the work are listed and grouped into a work breakdown structure. The logical dependencies between tasks are defined using an activity network diagram that enables identification of the critical path. Float or slack time in the schedule can be calculated using software. Then the necessary resources can be estimated and costs for each activity can be allocated to each resource, giving the total project cost. At this stage, the project plan may be optimized to achieve the appropriate balance between resource usage and project duration to comply with the project objectives. Once established and agreed, the plan becomes what is known as the baseline. Progress will be measured against the baseline throughout the life of the project. Analyzing progress compared to the baseline is known as earned value management.

The PROJECT SCHEDULE is a calendar that links the tasks to be done with the resources that will do them. Before a project schedule can be created, the project manager must have a work breakdown structure (WBS), an effort estimate for each task, and a resource list with availability for each resource. If these are not yet available, it may be possible to create something that looks like a schedule, but it will essentially be a work of fiction. A project manager's time is better spent on working with the team to create a WBS and estimates (using a consensus-driven estimation method like Wideband Delphi than on trying to build a project schedule without them. The reason for this is that a schedule itself is an estimate: each date in the schedule is estimated, and if those dates do not have the buy-in of the people who are going to do the work, the schedule will almost certainly be inaccurate.

GANTT CHART

Gantt charts (developed by Henry L. Gantt) are a project control technique that can be used for several purposes including scheduling, budgeting and resource planning. A Gantt chart is a bar chart with each bar representing an activity.

The bars are drawn against a time line. The length of each bar is proportional to the length of time planned for the activity. Gantt charts can take different phase depending on their intended use. The Gantt chart of the **School Management System** is drawn for the time management. The Gantt chart is drawn below:



SYSTEM ANALYSIS

1.Understanding the Need

Current manual process for managing patient records, appointment,billing, and staff schedules within hospitals are inefficient, prone to errors, time-consuming, and lack centralized access to critical patient information, leading to poor operational efficiency and potential complications in patient care; thus, a system is needed to automate and streamline these processes for the improved quality and accessibility of healthcare delivery.

2.Requirement Engineering Process

The requirement engineering process can be described in five steps:

1.Requirement Elicitation:1. Gather information from doctors and patients.

2.Requirement Analysis & Negotiation: Analyze the gathered requirements and prioritize them.

3.Requirement Specification: Document the finalized requirements clearly.

4.System Modeling: Create diagrams to visualize system operations.

5.Requirement Validation: Ensure the documented requirements meet user needs.

6.Requirement Management: Handle changes to requirements over time.

3.Approach Taken

We conducted interviews and feedback sessions with:

- admin about need and requirements of hospital
- Doctors and staff
- Patients and the users.

The goal was to understand their challenges with the current system and what features they desire in a new digital system.

4.Key Question Asked

• Who will use the system?

• What information needs to be stored and accessed?

• How should the user interface look and function?

• What security measures are necessary?

• Are there existing systems or tools to integrate with?

5.Preliminary Investigation

We examined:

• The feasibility of developing the system using technologies like PHP, MySQL, and Laravel.

• Challenges faced with manual record-keeping.

• Cost-benefit analysis of developing a custom system versus using existing

solutions.

6.Objectives of Preliminary Investigation

- Understand the full scope of the project.
- Estimate time, cost, and resources required.
- Identify potential risks and challenges.
- Confirm the technical feasibility with current technologies.

7.Information Gathering Techniques Used

- Reviewed existing hospital management systems.
- Observed daily operations within the doctors.
- Conducted interviews with staff, doctor,admin and patient.

FEASIBILITY STUDY

Not everything imaginable is feasible, not even in software, even as it may appear to outsiders. Feasibility is the determination of whether or not a project is wrong doing. On the contrary, software feasibility has seven solid dimensions as below: -

- **Technical feasibility.**
- **Operational feasibility.**
- **Economic feasibility.**
- **Social feasibility.**
- **Management feasibility.**
- **Legal feasibility.**
- **Time feasibility.**

The process followed in making this determination is called a feasibility study. The type of study determines if a project can and should be taken. Once it has been determined that a project is feasible, that analyst can go ahead and prepare the project specification which finalizes project requirements. Generally, feasibility studies are undertaken within tight time constraints and normally culminate in a written and oral feasibility report. The contents and recommendation of such a study will be used as a sound basis for deciding whether to proceed, postpone or cancel the project. Thus, since the feasibility study may lead to the commitment of large resources, it becomes

necessary that it should be conducted competently and that no fundamental errors of judgment are made.

In other words we can say that a feasibility study is conducted to select the best system that meets performance requirements. This contains an identification description, an evaluation of the candidate system and the selection of the best system for the job. The system required a statement of constraints; the identification of specific system objectives and a description of outputs define performance.

TECHNICAL FEASIBILITY: -

Technical feasibility is concerned with specifying equipment and software that will successfully satisfy the user requirements. My project is fit in technical feasibility because

- All technologies are open-source and widely used.
- Easy availability of web servers like XAMPP/WAMP.
- Good documentation and community support.
- Can be hosted on shared servers or cloud platforms.

ECONOMICAL FEASIBILITY: -

Economic analysis is the most frequently used technique for evaluation of the effectiveness of a proposed system. More commonly known as Cost/Benefit analysis, the procedure is to determine the benefits and savings that are expected from a proposed system and compare them with costs.

If benefits outweigh costs, a decision is taken to design and implement the system. Other weight costs, a decision is taken to design and implement the system. Otherwise, further justification or alternatives in the proposed system will have to be made if it has a chance of being approved. This is an ongoing effort that improves in accuracy at each phase of the system life cycle.

My project is fit in technical feasibility because

- Low development cost due to open-source tools.
- Minimal hosting cost for deployment.
- No licensing cost involved.

Benefits:

- Reduces manual work and paper-based processes.
- Saves time and cost in long term operations (appointments, billing, reports).

OPERATIONAL FEASIBILITY: -

Operational feasibility assesses whether the proposed system will function in the intended environment.

My project is fit in operational feasibility because

- Easy to use for admin, doctors, and patients.
- Provides modules like appointment booking, patient registration, billing, report generation.
- Can be accessed anytime by hospital staff for daily operations.

Considerations:

- Proper training might be needed for staff.
- User-friendly UI with validation to reduce errors.

MANAGEMENT FEASIBILITY: -

This checks whether the management will support the project.

My project is fit in management feasibility because

- Management is likely to support it due to reduced paperwork and increased efficiency.
- Better reporting and data for decision-making.
- Helps in better patient service and hospital reputation.

SOCIAL FEASIBILITY: -

This evaluates whether the project is acceptable to the people (doctors, patients, staff) using it.

My project is fit in social feasibility because

- Enhances convenience for patients (online appointments, reports).
- Reduces wait time and confusion.
- Improves doctor-patient interaction with better record availability.

LEGAL FEASIBILITY: -

Legal feasibility ensures that the system complies with all relevant laws and regulations.

My project is fit in legal feasibility because

- Use HTTPS and secure login.
- Implement role-based access control.
- Keep patient data encrypted and confidential.

TIME FEASIBILITY: -

Time feasibility determines if the project can be completed within the available time frame.

My project is fit in time feasibility because

- Basic MVP (minimum viable product) can be built within weeks.
- Modular development possible (appointments → patients → billing, etc.).
- Faster development using PHP and MySQL compared to enterprise solutions.

Timeframe Estimate:

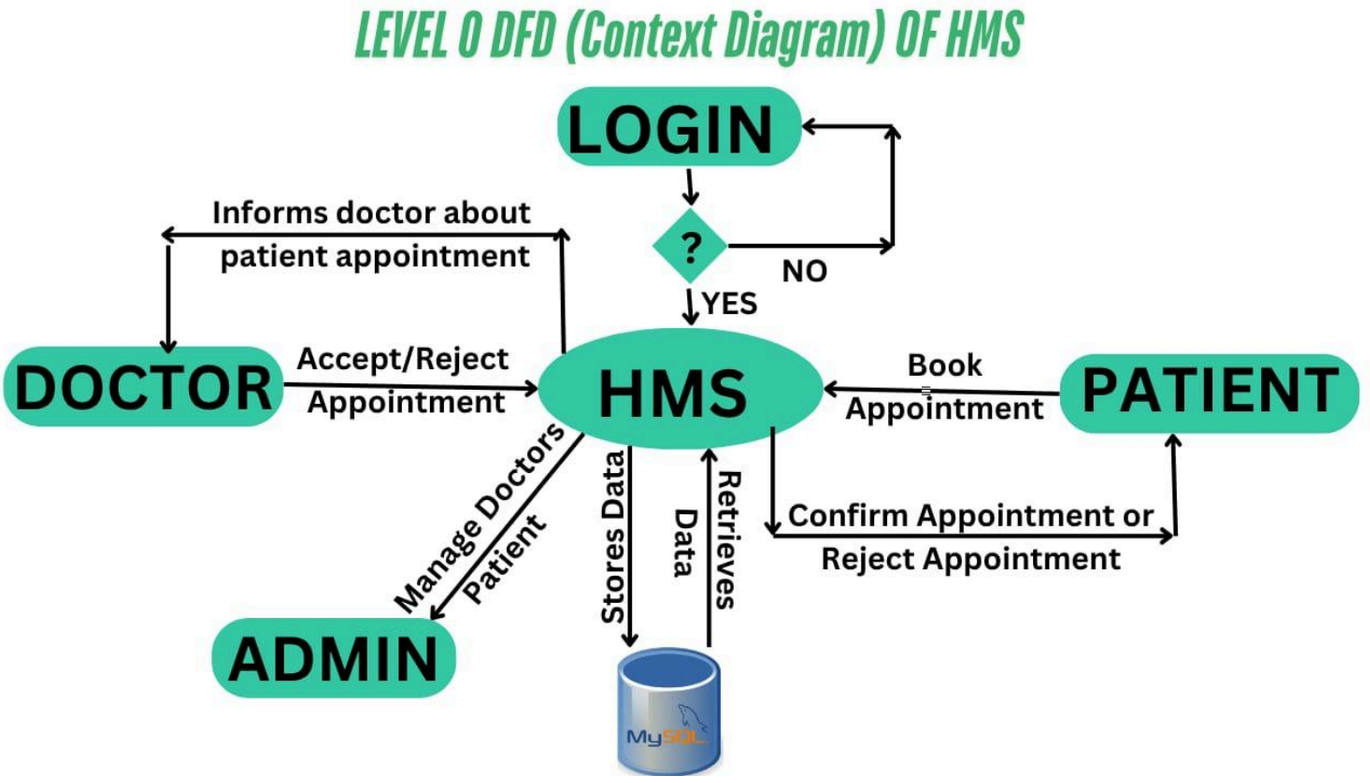
- Small clinic version: 2–4 weeks.
- Medium-size hospital version: 1–2 months depending on features.

ANALYSIS

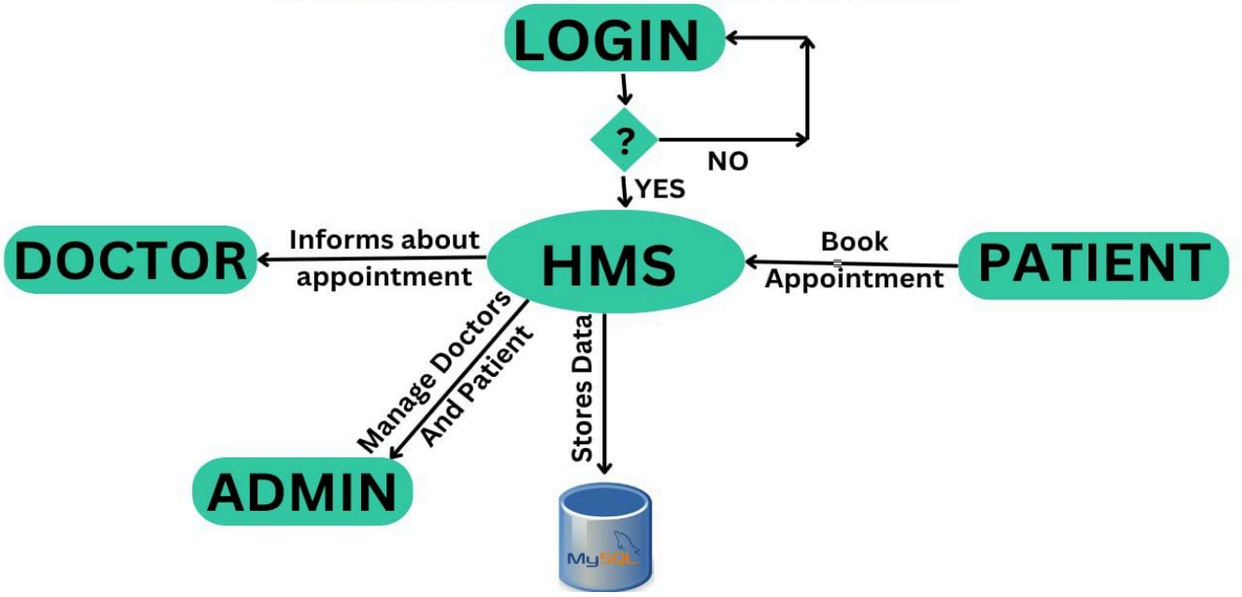
System Analysis refers to the process of examining a situation with the intent of improving it through better procedures and methods. System Analysis is the process of planning a new System to either replace or complement an existing system.

DFD

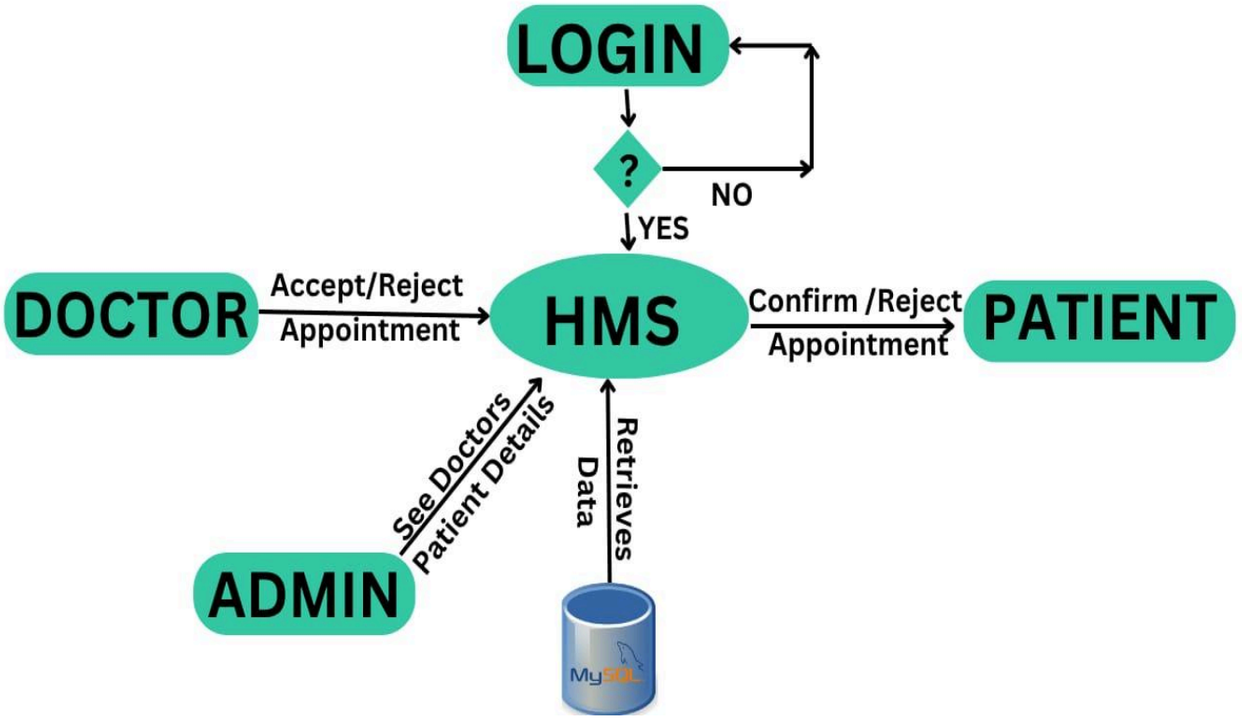
The DFD is an excellent communication tool for analysts to model processes and functional requirements. Used effectively, it is a useful and easy to understand modeling tool. It has a broad application.



LEVEL 1 DATA FLOW DIAGRAM OF HMS



LEVEL 2 DATA FLOW DIAGRAM OF HMS



MODULE DESCRIPTION

Hospital Management System is a web application for the hospital which manages doctors and patients. In this project, we use PHP and MySQL databases.
The entire project mainly consists of 3 modules, which are

- Admin module
- User module
- Doctor module

Admin module:

- **Dashboard:** In this section, admin can view the Patients, Doctors, Appointments and New queries.
- **Doctors:** In this section, admin can add doctor's specialization and manage doctors (Add/Update).
- **Users:** In this section, the admin can view users' details(who take online appointments) and also have the right to delete irrelevant users.
- **Patients:** In this section, admin can view patient's details**.**
- **Appointment History:** In this section, admin can view appointment history.
- **Contact Us Queries:** In this section, admin can view queries which are sent by users.
- **Doctor Session Logs:** In this section, admin can see login and logout time of doctor.
- **User Session Logs:** In this section, admin can see login and logout time of the user.
- **Reports:** In this section, admin can view reports of patients in particular periods.
- **Patient Search:** In this section, admin can search patients with the help of patient name and mobile number.
- **Change Profile & Password:**Admin can also change his/her own password.

User Module (patient)

- **Dashboard:** In this section, patients can view his/her profile, Appointments and Book Appointment.
- **Book Appointment:** In this section, Patient can book his/her appointment.
- **Appointment History:** In this section, Patients can see his/her own appointment history.

- **Medical History:** In this section, Patients can see his/her own appointment history.
- **Change Profile & Password:**User can update his/her profile, change the password and recover the password

Doctor Module:

- **Dashboard:** In this section, a doctor can view his/her own profile and online appointments.
- **Appointment History:** In this section, the Doctor can see the patient's appointment history.
- **Patients:** In this section, doctors can manage patients (Add/Update).
- **Search:** In this section, doctor can search patients with the help of patient name and mobile number.
- **Change Profile & Password:**Doctor can also update his profile, change the password and recover the password.

DATA STRUCTURE SNAP SHOT

DATA DICTIONERY:- The data dictionary stores description of data items and structures, as well as systems processes. A data dictionary used for database design in this project is mentioned. Care was taken during the database design for future expansion of the hospital's needs.

Data Dictionary of Admin Table

Field Name	Data Type	Size	Null	Description
Id(Primary key 🔑)	int	11	No	Id , Auto generated
Username	varchar	255	No	Name of user
Password	varchar	255	No	Login password of admin
UpdationDate	varchar	255	No	Date of Updation

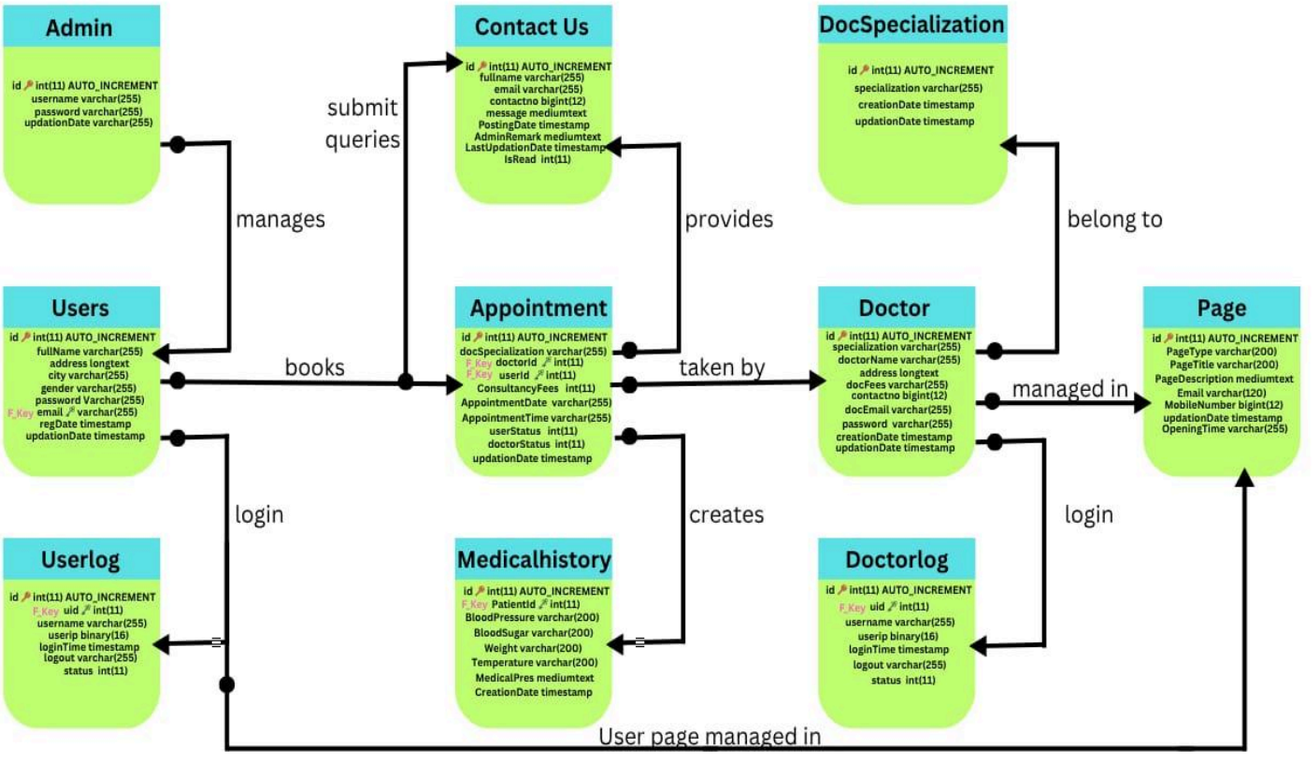
Data Dictionary of Patient Table

Field Name	Data Type	Size	Null	Description
Id(Primary Key)	int	11	No	Id ,Auto Generated
FullName	varchar	255	Yes	Name of Patient
Address	longtext		Yes	Patient's Address
City	varchar	255	Yes	City Name
Gender	varchar	255	Yes	Gender of Patient
Email	varchar	255	Yes	Patient's Email
Password	varchar	255	Yes	Login password
RegDate	timestamp		Yes	Date of Registration
UpdationDate	timestamp		Yes	Date of Updation

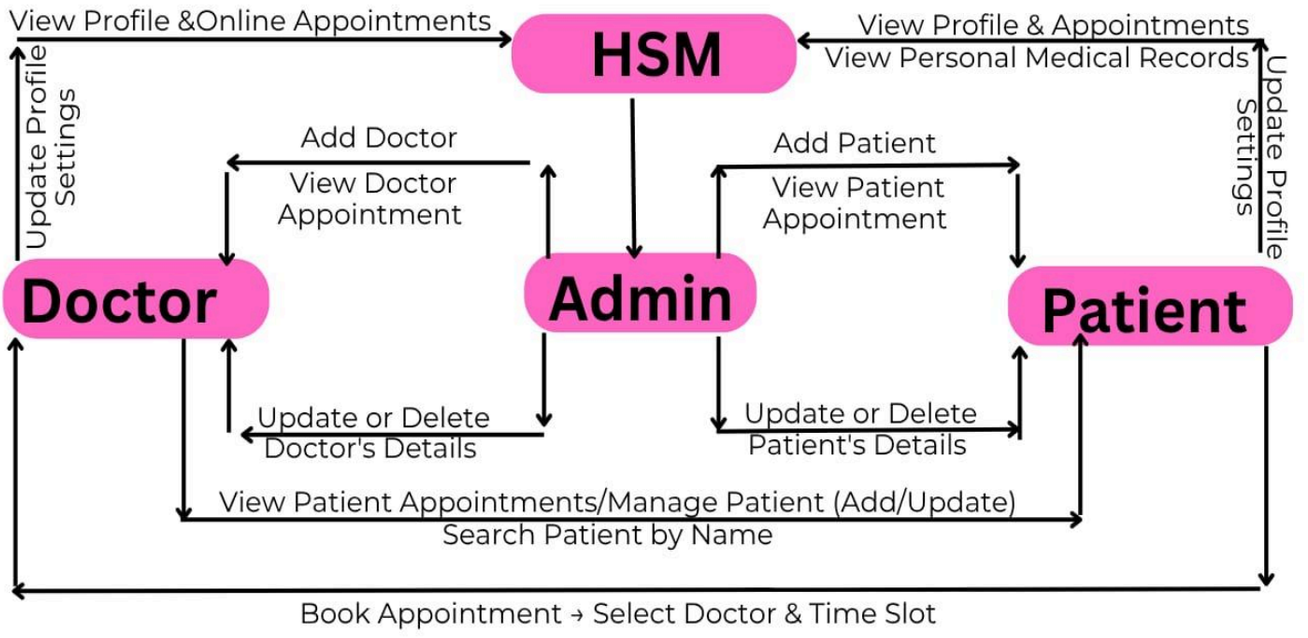
Data Dictionary of Doctor Table

Field Name	Data Type	Size	Null	Description
Id(Primary Key)	int	11	No	Id ,Auto Generated
Specialization	varchar	255	Yes	Doctor Specialization
DoctorName	varchar	255	Yes	Name of Doctor
Address	longtext		Yes	Clinic Address
DocFees	varchar	255	Yes	Consulting Fees
ContactNo	bigint		Yes	Doctor's Contact No
DocEmail	varchar	255	Yes	Doctor's Email
Password	varchar	255	Yes	Login password of Dr
CreationDate	timestamp		Yes	Date of Creation
UpdationDate	timestamp		Yes	Date of Updation

Database Schema of HMS



PROCESS LOGIC DIAGRAM OF HMS



SCOPE AND FUTURE ENHANCEMENT

The scope of a HMS is vast and can be tailored to meet the specific needs of a hospital or healthcare organization. With its potential to improve patient care, enhance operational efficiency, and provide better data management, a HMS is an essential tool for modern healthcare.

The future scope of HMS is broad and highly promising as healthcare continues to digitize and evolve with technical advancements.

- Integration with Artificial Intelligence (AI) and Machine Learning .
- Integration with video consultations and virtual checkups.
- Integration with government health schemes like Ayushman Bharat.
- Accessible design for disabled or elderly users.
- Real-time inventory check for medicines and lab test requests.
- Mobile-friendly version or dedicated Android/iOS apps and real-time notifications for appointments, test results, etc.

IMPLEMENTATION METHODOLOGY

Implementation of a tested system is done on the actual location with the actual hardware, Software and manpower platforms or limitation. To implement of this software, the followings are the necessary:

This project runs on the internet or intranet , so I have to select internet supportive software. For implementing this software a web-server is required . I have to install IIS(internet information service). Know this project is web-based so it will need a web-browser which will act as its interface, so for this project install a web-browser capable of providing proper interface to this project such as internet Explorer/mozilla Firefox/opera e.t.c and many other browser.and for back-end operation ,I have to install ORACLE 9i which handle all the work related to database query and updation as required by the software. In future also use better databases.we know that this project will be developed on heavy platform ASPJAVA with c# , so there is a requirement of an advanced processor and proper RAM and other advanced Hardware configuration.

- ✔ Create a separate user for this application: A user named as "admin" with the password "pass" is to be created for storing the data in a separate place. Storing data under a separate user will protect the data. Oracle Navigator can be used for creating the said username and password.
- ✔ Create required tables: The structure of tables required for this project (Detail given in the database design section) is to be created in the said user. The SQL statement CREATE can be used for creating such tables.

✔ Create Distributable set of files: An installation package of the software is to be built for implementation of the project at desired location.

TESTING

Software testing consists of the following stages.

a) TEST PLAN DEVELOPMENT:-

The importance of software testing and its implications need not be emphasized. Software testing is a critical element of software quality assurance and represents the ultimate review of specifications, design and coding. The main objective of testing is to uncover a host of errors, systematically, with minimum effort and time. It improves the reliability of the software.

b) TESTING STRATEGY:-

A testing strategy explains how to conduct a test to uncover all the errors with minimum possible time and effort. It should be flexible enough to promote customization that may be necessary in due course of the development process.

c) UNIT TESTING:-

Unit testing focuses verification effort on the smallest unit of a software module using the detailed design criteria. Process specifications testing are done to uncover errors within the boundaries

of module.All modules must be successful in the unit test before the start of the integration testing. The software developed for e-banking is tested module wise by giving normal values and extreme values as input. All the bugs have been identified and removed. The software designed is tested module wise. Before using the software, an employee has to give the organization name and password.

In the next stage he has to provide division name, employee ID and password. If any of this information is wrong, the system gives an error message- “invalid user and password”

INTEGRATION TESTING:-

It is a systematic technique for constructing different program modules into an integrated software structure. This test uncovers the errors during the integration process. The integration aspect is tested after integrating all the modules and validated.

VALIDATION TESTING:-

After the culmination of integration testing the software is ready as per the specification. But it has to be validated as per the specification and to uncover the unexpected future errors and to improve its reliability. The random value and boundary values as input is fed to the software developed and studied the software performance and validated

TEST CASE DESIGN

The techniques that are used in deriving the test cases are explained below.

CONDITION TESTING:-

Condition testing is a test case design method that exercises the logical conditions contained in the program. The possible components in a condition statement are a Boolean operator, Boolean variable, relational operator, arithmetic expression and parenthesis.

BOUNDARY VALUE ANALYSIS:-

Boundary value analysis leads to the selection of test cases that exercise the boundary conditions or boundary values. It is observed that a large number of errors tend to appear at the boundaries of the input domain than in the center.The boundary condition is tested by inserting values beyond specification/availability of project allocations. E.g.the software is tested by giving more amount of money in the indent form than available in the budget. Under this conciliation the software gives an error message stating that insufficient funds.

EQUIVALENCE PARTITIONING:-

Equivalence portioning is a black box testing method that divides the input domain of a program into classes of data from which

test cases can be derived. A typical test uncovers a class of errors that might otherwise require many more test cases before the error is observed. Equivalence classes for input determine the valid and invalid inputs for the program

LIMITATIONSANDFURTHER ENHANCEMENTS

LIMITATIONS:

Despite its potential to revolutionize healthcare, a Hospital Management System (HMS) faces several challenges and limitations. Some of the key shortcomings include:Easy transaction of money.

- Reliability of electronic payment systems.
- Different HMS systems may not be compatible with each other, hindering seamless data exchange and integration,etc.

RECOMMENDED AREAS FOR FURTHER RESEARCH

Considering the evolving healthcare landscape, several areas require further research to improve the Hospital Management System (HMS) and meet the changing needs of patients and healthcare providers.

1) There is a lot of scope for future research in the areas like automatic component/material planning, automatic advanced

indenting, micro transactions, and patient relationship management.

2) Further research is needed to develop standardized protocols for seamless data exchange between different HMS systems, ensuring efficient and accurate sharing of patient information.

In the absence of universal standards for electronic transactions, the organization should develop a standard internal to it that translates between its formats and those supported by its trading partners. This approach reduces dependence on industry schedules for adopting standards, and avoids the pitfalls of an organization-imposed solution.

SECURITY MECHANISM

Implementation of security is a key issue in any software development. Different applications use different kinds of security mechanisms according to their needs. In the Hospital Management System the implementation of security has been confined up to the user level. The “Hospital Management System” authenticates a user by its username and password to a user.

A user is able to work on the software if an authorized user with id and password.

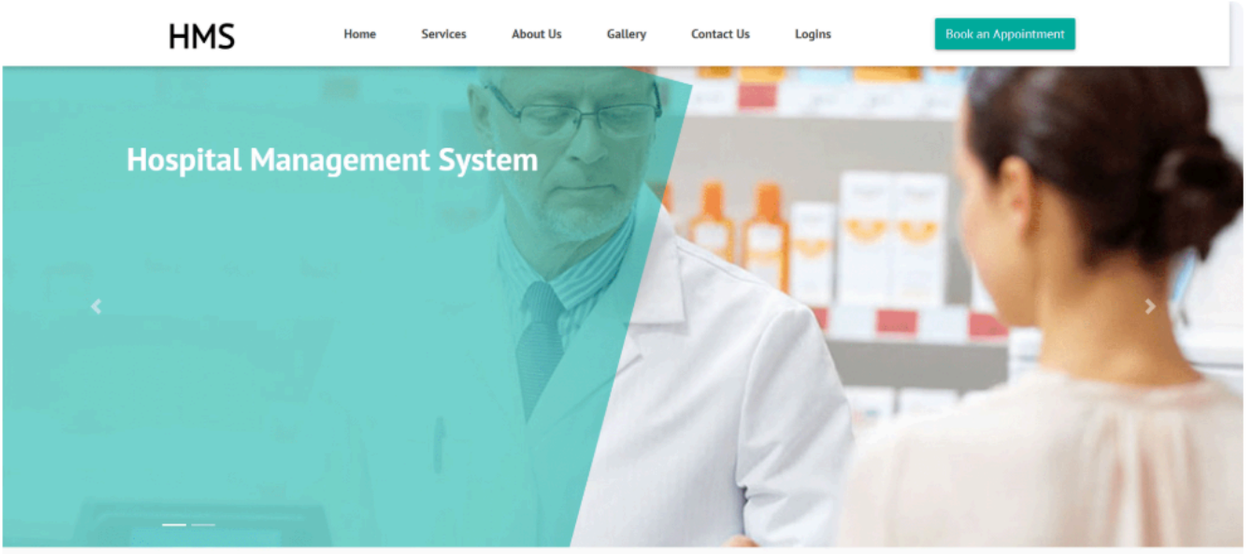
It is the system administrator who is responsible for granting permission to any user. He can grant as well as revoke permissions from any user. Another important security level is data level. In the data level security defined validation and constraints in the database. Due to this only valid data can be entered in the tables.

All information and management forms are stored within the system, and access to this sensitive information is controlled through an effective authentication system: one has to know the USER ID, and PASSWORD to gain access to any of the information.

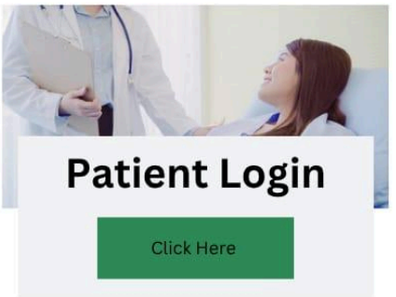
The management (administrator) can create new users, while a normal user can't do this. This system will provide the facility to change the password according to the user's needs. For security measures the 'Password' field will be taken as 'Varchar' data type, so that a user can use in this field both integer and alphabets.

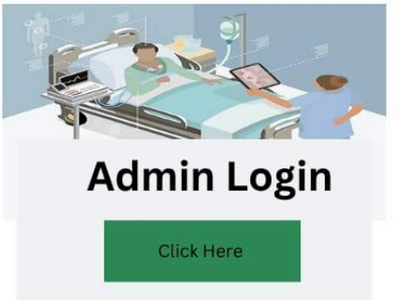
Project Output Screens

Home Page



LOGINS PAGE OF HMS





Book Appointment

Doctor Specialization

Orthopedics

Doctors

Dr Avni Kumari

Consultancy Fees

650

Date

2025-07-24

Time

6:00 PM

eg : 10:00 PM

Submit

Users **Medical History**

Patient Details			
Patient Name	Ankush Singh	**Patient Email**	ankush@gmail.com
Patient Mobile Number	8575942845	**Patient Address**	Kurzi Patna
Patient Gender	male	**Patient Age**	24
Patient Medical History(if any)	Muscle and nerve injuries	**Patient Reg Date**	2025-06-09 12:42:08

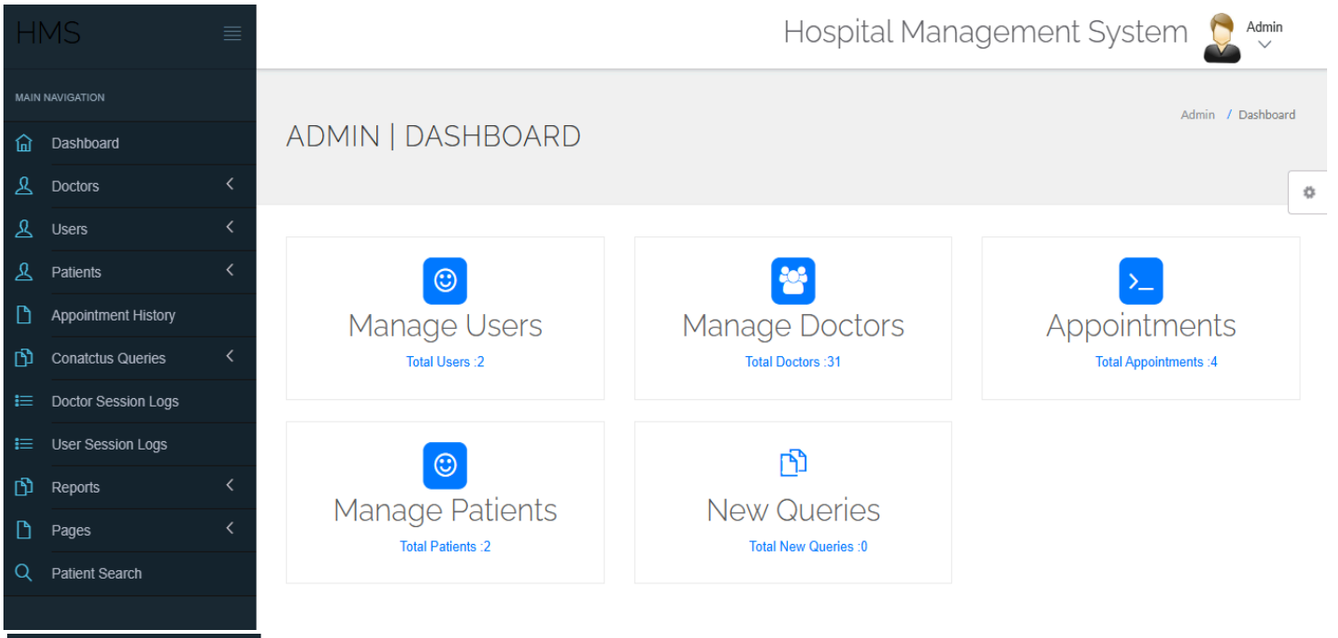
Medical History

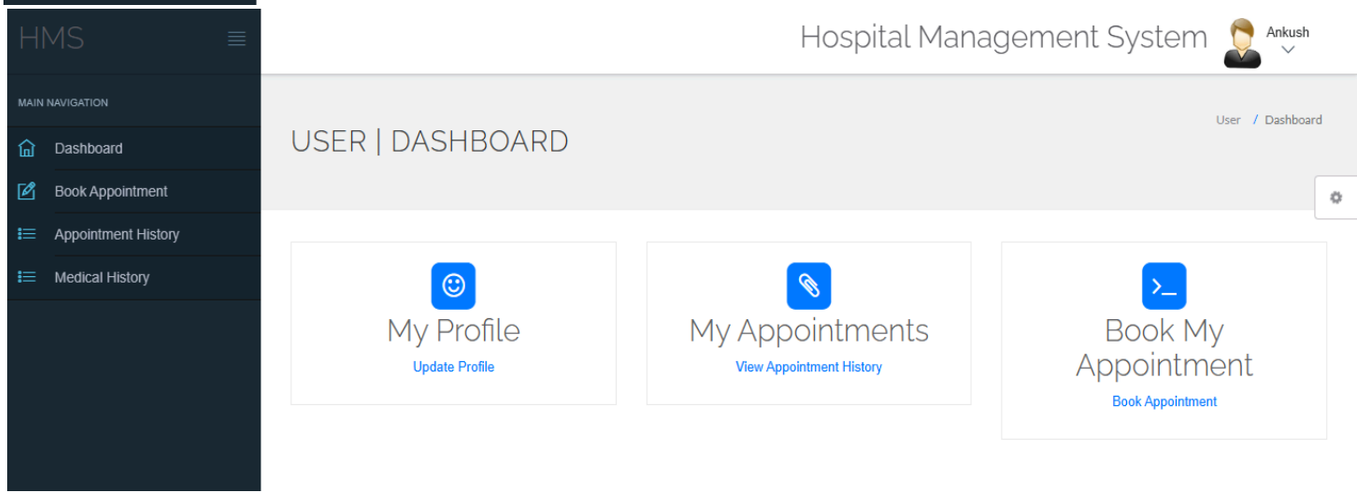
#	Blood Pressure	Weight	Blood Sugar	Body Temprature	Medical Prescription	Visit Date
1	112	63	79	96.6F	Muscles and Nerve injuries	2025-06-29 00:08:39

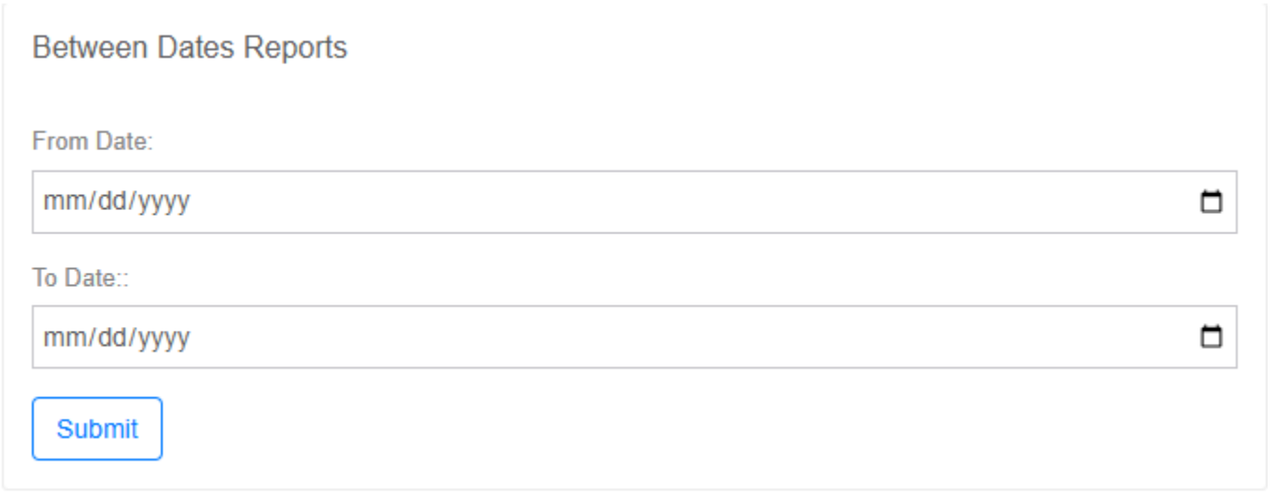
Our Gallery

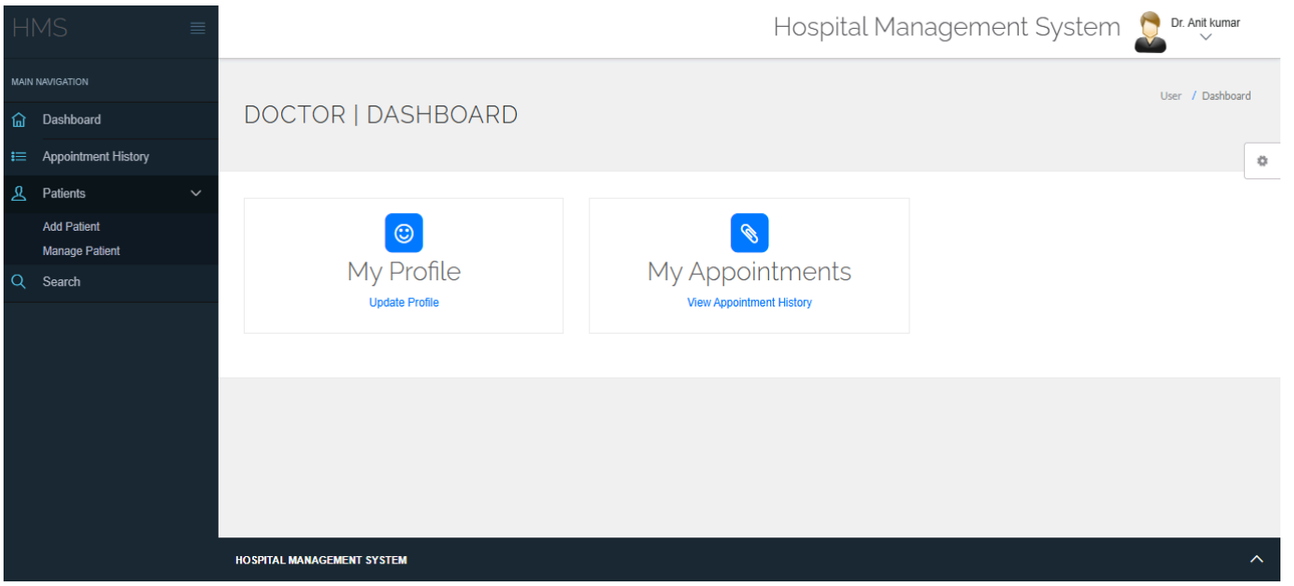
View Our Gallery

All | Dental | Cardiology | Neurology | Laboratry


HMS
MAIN NAVIGATION
Dashboard
Doctors
Users
Patients
Appointment History
Conatctus Queries
Doctor Session Logs
User Session Logs
Reports
Pages
Patient Search
Hospital Management System
Admin
ADMIN | DASHBOARD
Admin / Dashboard
Manage Users
Total Users :2
Manage Doctors
Total Doctors :31
Appointments
Total Appointments :4
Manage Patients
Total Patients :2
New Queries
Total New Queries :0


HMS
MAIN NAVIGATION
Dashboard
Book Appointment
Appointment History
Medical History
Hospital Management System
Ankush
USER | DASHBOARD
User / Dashboard
My Profile
Update Profile
My Appointments
View Appointment History
Book My Appointment
Book Appointment


Between Dates Reports
From Date:
mm/dd/yyyy
To Date::
mm/dd/yyyy
Submit



Manage **Users**

#	Full Name	Adress	City	Gender	Email	Creation Date	Updation Date	Action
1.	Ankush	Kurzi	Patna	male	ankush@gmail.com	2025-06-09 12:31:17		×
2.	Khushi Sharma	Kurzi	Patna	female	khushi@gmail.com	2025-06-28 23:59:00		×

PATIENTS | APPOINTMENT HISTORY

Patients / Appointment History

#	Doctor Name	Patient Name	Specialization	Consultancy Fee	Appointment Date / Time	Appointment Creation Date	Current Status	Action
1.	Dr. Bipul kumar	Ankush	ENT	500	2025-05-30 / 9:15 AM	2025-05-30 16:12:11	Active	No Action yet
2.	Dr Harsh Mehta	Khushi Sharma	ENT	850	2025-06-30 / 12:00 AM	2025-06-29 00:00:18	Active	No Action yet

Search by Name/Mobile No.

u

Search

Result against "u" keyword

#	Patient Name	Patient Contact Number	Patient Gender	Creation Date	Updation Date	Action
1.	Ankush Singh	8575942845	male	2025-06-09 12:42:08		View
2.	Khushi Sharma	8955285285	Female	2025-06-29 00:04:41	2025-06-29 00:07:21	View

Add Patient

Patient Name

Enter Patient Name

Patient Contact no

Enter Patient Contact no

Patient Email

Enter Patient Email id

Gender

Female Male

Patient Address

Enter Patient Address

Patient Age

Enter Patient Age

Medical History

Enter Patient Medical History(if any)

Add

Source Code of HMS

Source Code of Home Screen

```
<?php
include_once('hms/include/config.php');
if(isset($_POST['submit']))
{
$name=$_POST['fullname'];
$email=$_POST['emailid'];
$mobileno=$_POST['mobileno'];
$dscrption=$_POST['description'];
$query=mysqli_query($con,
"insertintotblcontactus(fullname,email,contactno,message)
value('$name','$email','$mobileno','$dscrption')");
echo"<script>
alert('Yourinformation succesfully submitted');</script>";
echo "<script>window.location.href ='index.php'</script>";


} ?>
<!doctype html>
<html lang="en">


<head>
```

```
    <meta charset="utf-8">
<metaname="viewport"content="width=device-width,initial-scale=1,
shrink-to-fit=no">
    <title> Hospital management System </title>
    <link rel="shortcut icon" href="assets/images/fav.jpg">
    <link rel="stylesheet" href="assets/css/bootstrap.min.css">
   <link rel="stylesheet" href="assets/css/fontawsom-all.min.css">
     <link rel="stylesheet" href="assets/css/animate.css">
<link rel="stylesheet" type="text/css" href="assets/css/style.css" />
</head>
 <body>

    <!-- ##### Header Starts Here#####--->

      <header id="menu-jk">

        <div id="nav-head" class="header-nav">
           <div class="container">
              <div class="row">
             <div class="col-lg-2 col-md-3  col-sm-12" style="color:#000;font-weight:bold;
font-size:42px; margin-top: 1% !important;">HMS
        <a  data-toggle="collapse"  data-target="#menu"  href="#menu"  ><i  class="fas
d-block d-md-none small-menu fa-bars"></i></a>
                 </div>
                 <div id="menu" class="col-lg-8 col-md-9 d-none d-md-block nav-item">
      <ul>
```

```
        <li><a href="#">Home</a></li>
                        <li><a href="#services">Services</a></li>
                        <li><a href="#about_us">About Us</a></li>
                        <li><a href="#gallery">Gallery</a></li>
                        <li><a href="#contact_us">Contact Us</a></li>
                        <li><a href="#logins">Logins</a></li>
                    </ul>
                </div>
                <div class="col-sm-2 d-none d-lg-block appoint">
    <a class="btn btn-success" href="hms/user-login.php">Book an Appointment</a>
                </div>
            </div>

        </div>
    </div>
  </header>

   <!-- ################## Slider Starts Here########################---->

  <div class="slider-detail">

  <div id="carouselExampleIndicators" class="carousel slide" data-ride="carousel">
        <ol class="carousel-indicators">
  <li data-target="#carouselExampleIndicators" data-slide-to="0" class="active"></li>
            <li data-target="#carouselExampleIndicators" data-slide-to="1"></li>
        </ol>
```

```
<div class="carousel-inner">
 <div class="carousel-item ">
    <img class="d-block w-100" src="assets/images/slider/slider_2.jpg" alt="Second slide">
                <div class="carousel-cover"></div>
                <div class="carousel-caption vdg-cur d-none d-md-block">
            <h5 class="animated bounceInDown">Hospital Management System</h5>

             </div>
            </div>
             <div class="carousel-item active">
           <img class="d-block w-100" src="assets/images/slider/slider_3.jpg" alt="Third slide">
            <div class="carousel-cover"></div>
             <div class="carousel-caption vdg-cur d-none d-md-block">
            <h5 class="animated bounceInDown">Hospital Management System</h5>
        </div>

            </div>

          </div>
                    <a class="carousel-control-prev" href="#carouselExampleIndicators" role="button" data-slide="prev">
            <span class="carousel-control-prev-icon" aria-hidden="true"></span>
            <span class="sr-only">Previous</span>
          </a>
```

```
                    <a  class="carousel-control-next"  href="#carouselExampleIndicators"
role="button" data-slide="next">
            <span class="carousel-control-next-icon" aria-hidden="true"></span>
            <span class="sr-only">Next</span>
          </a>
        </div>


    </div>

  <!--  ********************** Logins ********************** -->


     <section id="logins" class="our-blog container-fluid">
       <div class="container">
       <div class="inner-title">

            <h2>Logins</h2>
          </div>
          <div class="col-sm-12 blog-cont">
            <div class="row no-margin">
              <div class="col-sm-4 blog-smk">
                <div class="blog-single">

                      <img src="assets/images/patient.jpg" alt="">
```

```
        <div class="blog-single-det">
            <h6>Patient Login</h6>
            <a href="hms/user-login.php" target="_blank">
                <button class="btn btn-success btn-sm">Click Here</button>
            </a>
        </div>
    </div>
</div>
<div class="col-sm-4 blog-smk">
    <div class="blog-single">

        <img src="assets/images/doctor.jpg" alt="">

        <div class="blog-single-det">
            <h6>Doctors login</h6>
            <a href="hms/doctor" target="_blank">
                <button class="btn btn-success btn-sm">Click Here</button>
            </a>
        </div>
    </div>
</div>

<div class="col-sm-4 blog-smk">
    <div class="blog-single">

        <img src="assets/images/admin.jpg" alt="">
```

```
                    <div class="blog-single-det">
                        <h6>Admin Login</h6>

                        <a href="hms/admin" target="_blank">
                            <button class="btn btn-success btn-sm">Click Here</button>
                        </a>
                    </div>
                </div>
            </div>


        </div>
    </div>

</div>
</section>
<!-- ###Our Departments Starts Here####--->
<section id="services" class="key-features department">
    <div class="container">
        <div class="inner-title">

            <h2>Our Key Features</h2>
            <p>Take a look at some of our key features</p>
        </div>
        <div class="row">
```

```
<div class="col-lg-4 col-md-6">
    <div class="single-key">
        <i class="fas fa-heartbeat"></i>
        <h5>Cardiology</h5>
    </div>
</div>

<div class="col-lg-4 col-md-6">
    <div class="single-key">
        <i class="fas fa-ribbon"></i>
        <h5>Orthopaedic</h5>
    </div>
</div>

<div class="col-lg-4 col-md-6">
    <div class="single-key">
       <i class="fab fa-monero"></i>
        <h5>Neurologist</h5>
    </div>
</div>

<div class="col-lg-4 col-md-6">
    <div class="single-key">
        <i class="fas fa-capsules"></i>
        <h5>Pharma Pipeline</h5>
    </div>
```

```
            </div>

            <div class="col-lg-4 col-md-6">
                <div class="single-key">
                    <i class="fas fa-prescription-bottle-alt"></i>
                    <h5>Pharma Team</h5>
                </div>
            </div>



            <div class="col-lg-4 col-md-6">
                <div class="single-key">
                    <i class="far fa-thumbs-up"></i>
                    <h5>High Quality treatments</h5>

                </div>
            </div>
        </div>
    </div>
</section>
<!--  ************************ About Us Starts Here ************************ -->
<section id="about_us" class="about-us">
    <div class="row no-margin">
        <div class="col-sm-6 image-bg no-padding">
        </div>
```

```
          <div class="col-sm-6 abut-yoiu">
            <h3>About Our Hospital</h3>

<?php
include_once('hms/include/config.php');
$ret = mysqli_query($con, "SELECT * FROM tblpage WHERE PageType = 'aboutus'");
if ($ret === false) {
    echo "Query failed: " . mysqli_error($con);
} else {
    while ($row = mysqli_fetch_array($ret)) {
        // Process the row data
        echo $row['PageDescription'];
    }
}
?>
          </div>
        </div>
    </section>
            <!--  ************************ Gallery Starts Here ************************
-->
        <div id="gallery" class="gallery">
          <div class="container">
            <div class="inner-title">

              <h2>Our Gallery</h2>
              <p>View Our Gallery</p>
```

```
        </div>
          <div class="row">
      <div class="gallery-filter d-none d-sm-block">
                                  <button class="btn btn-default filter-button" data-filter="all">All</button><button class="btn btn-default filter-button" data-filter="hdpe">Dental</button><button class="btn btn-default filter-button" data-filter="sprinkle">Cardiology</button> <button class="btn btn-default filter-button" data-filter="spray"> Neurology</button><button class="btn btn-default filter-button" data-filter="irrigation">Laboratry</button>
      </div>
      <br/>
  <div class="gallery_product col-lg-4 col-md-4 col-sm-4 col-xs-6 filter hdpe">
    <img src="assets/images/gallery/gallery_01.jpg" class="img-responsive">
          </div> <div class="gallery_product col-lg-4 col-md-4 col-sm-4 col-xs-6 filter sprinkle">
           <img src="assets/images/gallery/gallery_02.jpg" class="img-responsive">
        </div>
        <div class="gallery_product col-lg-4 col-md-4 col-sm-4 col-xs-6 filter hdpe">
           <img src="assets/images/gallery/gallery_03.jpg" class="img-responsive">
        </div>
              <div class="gallery_product col-lg-4 col-md-4 col-sm-4 col-xs-6 filter irrigation">
           <img src="assets/images/gallery/gallery_04.jpg" class="img-responsive">
        </div>
        <div class="gallery_product col-lg-4 col-md-4 col-sm-4 col-xs-6 filter spray">
           <img src="assets/images/gallery/gallery_05.jpg" class="img-responsive">
        </div>
```

```
        <div class="gallery_product col-lg-4 col-md-4 col-sm-4 col-xs-6 filter spray">
          <img src="assets/images/gallery/gallery_06.jpg" class="img-responsive">
        </div>
      </div>
    </div>
     </div>
     <!-- ######## Gallery End ####### -->
    <!--  ************************ Contact Us Starts Here ************************ -->
    <section id="contact_us" class="contact-us-single">
      <div class="row no-margin">
        <div  class="col-sm-12 cop-ck">
          <form method="post">
          <h2 >Contact Form</h2>
            <div class="row cf-ro">
              <div  class="col-sm-3"><label>Enter Name :</label></div>
                 <div class="col-sm-8"><input type="text" placeholder="Enter Name"
name="fullname" class="form-control input-sm" required ></div>
            </div>
            <div  class="row cf-ro">
              <div  class="col-sm-3"><label>Email Address :</label></div>
                        <div  class="col-sm-8"><input  type="text"  name="emailid"
placeholder="Enter Email Address" class="form-control input-sm"  required></div>
            </div>
```

```
                <div  class="row cf-ro">
                  <div  class="col-sm-3"><label>Mobile Number:</label></div>
                              <div class="col-sm-8"><input type="text" name="mobileno" placeholder="Enter Mobile Number" class="form-control input-sm" required ></div>
                </div>
                <div  class="row cf-ro">
                  <div  class="col-sm-3"><label>Enter  Message:</label></div>
                  <div class="col-sm-8">
                                  <textarea rows="5" placeholder="Enter Your Message" class="form-control input-sm" name="description" required></textarea>
                  </div>
                </div>
                <div  class="row cf-ro">
                  <div  class="col-sm-3"><label></label></div>
                  <div class="col-sm-8">
                                  <button class="btn btn-success btn-sm" type="submit" name="submit">Send Message</button>
                  </div>
              </div>
            </form>
            </div>

        </div>
    </section>
```

```
<!-- ################## Footer Starts Here########################---->
<footer class="footer">
  <div class="container">
    <div class="row">

      <div class="col-md-6 col-sm-12">
        <h2>Useful Links</h2>
        <ul class="list-unstyled link-list">
                <li><a ui-sref="about" href="#about">About us</a><i class="fa fa-angle-right"></i></li>
                <li><a ui-sref="portfolio" href="#services">Services</a><i class="fa fa-angle-right"></i></li>
                <li><a ui-sref="products" href="#logins">Logins</a><i class="fa fa-angle-right"></i></li>
                <li><a ui-sref="gallery" href="#gallery">Gallery</a><i class="fa fa-angle-right"></i></li>
                <li><a ui-sref="contact" href="#contact">Contact us</a><i class="fa fa-angle-right"></i></li>
        </ul>
      </div>
      <div class="col-md-6 col-sm-12 map-img">
        <h2>Contact Us</h2>
        <address class="md-margin-bottom-40">

<?php
$ret=mysqli_query($con,"select * from tblpage where PageType='contactus' ");
while ($row=mysqli_fetch_array($ret)) {
```

```
?>
                    <?php  echo $row['PageDescription'];?> <br>
                    Phone: <?php  echo $row['MobileNumber'];?> <br>
                       Email: <a href="mailto:<?php  echo $row['Email'];?>" class=""><?php
echo $row['Email'];?></a><br>
                    Timing: <?php  echo $row['OpenningTime'];?>
                  </address>
        <?php } ?>
              </div>
            </div>
        </div>
    </footer>
    <div class="copy">
          <div class="container">
         Hospital Management System
          </div>
        </div>
    </body>
<script src="assets/js/jquery-3.2.1.min.js"></script>
<script src="assets/js/popper.min.js"></script>
<script src="assets/js/bootstrap.min.js"></script>
<script src="assets/plugins/scroll-nav/js/jquery.easing.min.js"></script>
<script src="assets/plugins/scroll-nav/js/scrolling-nav.js"></script>
<script src="assets/plugins/scroll-fixed/jquery-scrolltofixed-min.js"></script>
<script src="assets/js/script.js"></script></html>
```

Source Code of Admin Module

config.php

```
<?php
define('DB_SERVER','127.0.0.1');
define('DB_USER','root');
define('DB_PASS' ,'');
define('DB_NAME', 'hms');
define('DB_PORT', '3306');

$con = mysqli_connect(DB_SERVER,DB_USER,DB_PASS,DB_NAME,DB_PORT);
// Check connection
if (mysqli_connect_errno())
{
 echo "Failed to connect to MySQL: " . mysqli_connect_error();
}
?>
```

dashboard.php

```
<?php
session_start();
error_reporting(0);
include('include/config.php');
if(strlen($_SESSION['id']==0)) {
 header('location:logout.php');
  } else{
```

```
?>
<!DOCTYPE html>
<html lang="en">
   <head>
      <title>Admin  | Dashboard</title>


<link
href="http://fonts.googleapis.com/css?family=Lato:300,400,400italic,600,700|Raleway:300,400,500,600,700|Crete+Round:400italic" rel="stylesheet" type="text/css" />
      <link rel="stylesheet" href="vendor/bootstrap/css/bootstrap.min.css">
      <link rel="stylesheet" href="vendor/fontawesome/css/font-awesome.min.css">
      <link rel="stylesheet" href="vendor/themify-icons/themify-icons.min.css">
                     <link   href="vendor/animate.css/animate.min.css"   rel="stylesheet" media="screen">
        <link href="vendor/perfect-scrollbar/perfect-scrollbar.min.css" rel="stylesheet" media="screen">
                      <link   href="vendor/switchery/switchery.min.css"   rel="stylesheet" media="screen">
          <link href="vendor/bootstrap-touchspin/jquery.bootstrap-touchspin.min.css" rel="stylesheet" media="screen">
      <link href="vendor/select2/select2.min.css" rel="stylesheet" media="screen">

<link  href="vendor/bootstrap-datepicker/bootstrap-datepicker3.standalone.min.css" rel="stylesheet" media="screen">
```

```
                <link  href="vendor/bootstrap-timepicker/bootstrap-timepicker.min.css"
rel="stylesheet" media="screen">
        <link rel="stylesheet" href="assets/css/styles.css">
        <link rel="stylesheet" href="assets/css/plugins.css">
        <link rel="stylesheet" href="assets/css/themes/theme-1.css" id="skin_color" />
    </head>
    <body>
        <div id="app">
<?php include('include/sidebar.php');?>
            <div class="app-content">

<?php include('include/header.php');?>

<!-- end: TOP NAVBAR -->
<div class="main-content" >
<div class="wrap-content container" id="container">
<!-- start: PAGE TITLE -->
    <section id="page-title">
        <div class="row">
        <div class="col-sm-8">
            <h1 class="mainTitle">Admin | Dashboard</h1>
        </div>
        <ol class="breadcrumb">
        <li>
        <span>Admin</span>
        </li>
```

```
        <li class="active">
         <span>Dashboard</span>
        </li>
        </ol>
        </div>
</section>
<!-- end: PAGE TITLE -->
<!-- start: BASIC EXAMPLE -->
<div class="container-fluid container-fullw bg-white">
<div class="row">
   <div class="col-sm-4">
    <div class="panel panel-white no-radius text-center">
      <div class="panel-body">
                    <span class="fa-stack fa-2x"> <i class="fa fa-square fa-stack-2x text-primary"></i> <i class="fa fa-smile-o fa-stack-1x fa-inverse"></i> </span>
          <h2 class="StepTitle">Manage Users</h2>

          <p class="links cl-effect-1">
          <a href="manage-users.php">
<?php $result = mysqli_query($con,"SELECT * FROM users ");
$num_rows = mysqli_num_rows($result);
{
?>
Total Users :<?php echo htmlentities($num_rows);  } ?>
</a>
</p>
```

```
</div>
</div>
</div>
<div class="col-sm-4">
<div class="panel panel-white no-radius text-center">
<div class="panel-body">
    <span class="fa-stack fa-2x"> <i class="fa fa-square fa-stack-2x text-primary"></i>
<i class="fa fa-users fa-stack-1x fa-inverse"></i> </span>
   <h2 class="StepTitle">Manage Doctors</h2>

   <p class="cl-effect-1">
   <a href="manage-doctors.php">
   <?php $result1 = mysqli_query($con,"SELECT * FROM doctors ");
$num_rows1 = mysqli_num_rows($result1);
{
?>
   Total Doctors :<?php echo htmlentities($num_rows1);  } ?>
   </a>

   </p>
      </div>
   </div>
</div>
<div class="col-sm-4">
<div class="panel panel-white no-radius text-center">
<div class="panel-body">
```

```
<span class="fa-stack fa-2x"> <i class="fa fa-square fa-stack-2x text-primary"></i> <i class="fa fa-terminal fa-stack-1x fa-inverse"></i> </span>
<h2 class="StepTitle"> Appointments</h2>

<p class="links cl-effect-1">
<a href="book-appointment.php">
<a href="appointment-history.php">
<?php $sql= mysqli_query($con,"SELECT * FROM appointment");
$num_rows2 = mysqli_num_rows($sql);
{
?>
Total Appointments :<?php echo htmlentities($num_rows2);  } ?>
   </a>
   </a>
   </p>
   </div>
</div>
</div>

<div class="col-sm-4">
<div class="panel panel-white no-radius text-center">
   <div class="panel-body">
    <span class="fa-stack fa-2x"> <i class="fa fa-square fa-stack-2x text-primary"></i>
<i class="fa fa-smile-o fa-stack-1x fa-inverse"></i> </span>
   <h2 class="StepTitle">Manage Patients</h2>
```

```
   <p class="links cl-effect-1">
   <a href="manage-patient.php">
<?php $result = mysqli_query($con,"SELECT * FROM tblpatient ");
$num_rows = mysqli_num_rows($result);
{
?>
Total Patients :<?php echo htmlentities($num_rows);
} ?>
</a>
</p>
</div>
</div>
</div>
<div class="col-sm-4">
<div class="panel panel-white no-radius text-center">
 <div class="panel-body">
  <span class="fa-stack fa-2x"> <i class="ti-files fa-1x text-primary"></i> <i class="fa fa-terminal fa-stack-1x fa-inverse"></i> </span>
 <h2 class="StepTitle"> New Queries</h2>

 <p class="links cl-effect-1">
 <a href="book-appointment.php">
 <a href="unread-queries.php">
<?php
$sql= mysqli_query($con,"SELECT * FROM tblcontactus where  IsRead is null");
$num_rows22 = mysqli_num_rows($sql);
```

```
?>
Total New Queries :<?php echo htmlentities($num_rows22);   ?>
</a>
</a>
</p>
</div>
</div>
</div>
</div>
</div>

      <!-- end: SELECT BOXES -->

              </div>
            </div>
          </div>
          <!-- start: FOOTER -->
  <?php include('include/footer.php');?>
          <!-- end: FOOTER -->

          <!-- start: SETTINGS -->
  <?php include('include/setting.php');?>

          <!-- end: SETTINGS -->
      </div>
      <!-- start: MAIN JAVASCRIPTS -->
```

```
        <script src="vendor/jquery/jquery.min.js"></script>
        <script src="vendor/bootstrap/js/bootstrap.min.js"></script>
        <script src="vendor/modernizr/modernizr.js"></script>
        <script src="vendor/jquery-cookie/jquery.cookie.js"></script>
        <script src="vendor/perfect-scrollbar/perfect-scrollbar.min.js"></script>
        <script src="vendor/switchery/switchery.min.js"></script>
        <!-- end: MAIN JAVASCRIPTS -->
        <!-- start: JAVASCRIPTS REQUIRED FOR THIS PAGE ONLY -->
        <script src="vendor/maskedinput/jquery.maskedinput.min.js"></script>
<scriptsrc="vendor/bootstrap-touchspin/jquery.bootstrap-touchspin.min.js">
</script>
    <script src="vendor/autosize/autosize.min.js"></script>
        <script src="vendor/selectFx/classie.js"></script>
        <script src="vendor/selectFx/selectFx.js"></script>
        <script src="vendor/select2/select2.min.js"></script>
     <script src="vendor/bootstrap-datepicker/bootstrap-datepicker.min.js"></script>
    <script src="vendor/bootstrap-timepicker/bootstrap-timepicker.min.js"></script>
        <!-- end: JAVASCRIPTS REQUIRED FOR THIS PAGE ONLY -->
        <!-- start: CLIP-TWO JAVASCRIPTS -->
        <script src="assets/js/main.js"></script>
        <!-- start: JavaScript Event Handlers for this page -->
        <script src="assets/js/form-elements.js"></script>
        <script>
            jQuery(document).ready(function() {
                Main.init();
                FormElements.init();
```

```
        });
    </script>
    <!-- end: JavaScript Event Handlers for this page -->
    <!-- end: CLIP-TWO JAVASCRIPTS -->
  </body>
</html>
<?php } ?>
```

```
<?php
session_start();
error_reporting(0);
include("include/config.php");
if(isset($_POST['submit']))
{
$uname=$_POST['username'];
$upassword=$_POST['password'];

$ret=mysqli_query($con,"SELECT * FROM admin WHERE username='$uname' and
password='$upassword'");
$num=mysqli_fetch_array($ret);
if($num>0)
{
$_SESSION['login']=$_POST['username'];
$_SESSION['id']=$num['id'];
```

```
header("location:dashboard.php");

}
else
{
$_SESSION['errmsg']="Invalid username or password";

}
}
?>


<!DOCTYPE html>
<html lang="en">
   <head>
      <title>Admin-Login</title>
      <meta charset="utf-8" />
            <meta name="viewport" content="width=device-width, initial-scale=1.0, user-scalable=0, minimum-scale=1.0, maximum-scale=1.0">
      <meta name="apple-mobile-web-app-capable" content="yes">
      <meta name="apple-mobile-web-app-status-bar-style" content="black">
      <meta content="" name="description" />
      <meta content="" name="author" />
<link href="http://fonts.googleapis.com/css?family=Lato:300,400,400italic,600,700|Raleway:300,400,500,600,700|Crete+Round:400italic" rel="stylesheet" type="text/css" />
```

```
    <link rel="stylesheet" href="vendor/bootstrap/css/bootstrap.min.css">
    <link rel="stylesheet" href="vendor/fontawesome/css/font-awesome.min.css">
    <link rel="stylesheet" href="vendor/themify-icons/themify-icons.min.css">
                    <link    href="vendor/animate.css/animate.min.css"    rel="stylesheet"
media="screen">
      <link href="vendor/perfect-scrollbar/perfect-scrollbar.min.css" rel="stylesheet"
media="screen">
                     <link    href="vendor/switchery/switchery.min.css"    rel="stylesheet"
media="screen">
    <link rel="stylesheet" href="assets/css/styles.css">
    <link rel="stylesheet" href="assets/css/plugins.css">
    <link rel="stylesheet" href="assets/css/themes/theme-1.css" id="skin_color" />
  </head>
  <body class="login">
    <div class="row">
            <div class="main-login col-xs-10 col-xs-offset-1 col-sm-8 col-sm-offset-2
col-md-4 col-md-offset-4">
          <div class="logo margin-top-30">
          <h2>Admin Login</h2>
          </div>

          <div class="box-login">
            <form class="form-login" method="post">
              <fieldset>
                <legend>
                  Sign in to your account
                </legend>
```

```
                <p>
                    Please enter your name and password to log in.<br />
 <span style="color:red;"><?php echo htmlentities($_SESSION['errmsg']); ?><?php
echo htmlentities($_SESSION['errmsg']="");?></span>
                </p>
                <div class="form-group">
                    <span class="input-icon">
                        <input type="text" class="form-control" name="username"
placeholder="Username">
                        <i class="fa fa-user"></i> </span>
                </div>
                <div class="form-group form-actions">
                    <span class="input-icon">
                        <input type="password" class="form-control password"
name="password" placeholder="Password"><i class="fa fa-lock"></i>
                        </span>
                </div>
                <div class="form-actions">

                    <button type="submit" class="btn btn-primary pull-right"
name="submit">
                        Login <i class="fa fa-arrow-circle-right"></i>
                    </button>
                </div>
                <a href="../../index.php">Bacto Home Page</a>

            </fieldset>
```

```
                </form>

                <div class="copyright">
                        <span class="text-bold text-uppercase">Hospital Management
System</span>
                </div>

            </div>

        </div>
    </div>
    <script src="vendor/jquery/jquery.min.js"></script>
    <script src="vendor/bootstrap/js/bootstrap.min.js"></script>
    <script src="vendor/modernizr/modernizr.js"></script>
    <script src="vendor/jquery-cookie/jquery.cookie.js"></script>
    <script src="vendor/perfect-scrollbar/perfect-scrollbar.min.js"></script>
    <script src="vendor/switchery/switchery.min.js"></script>
    <script src="vendor/jquery-validation/jquery.validate.min.js"></script>

    <script src="assets/js/main.js"></script>

    <script src="assets/js/login.js"></script>
    <script>
        jQuery(document).ready(function() {
            Main.init();
            Login.init();
```

```
        });
      </script>

  </body>
  <!-- end: BODY -->
</html>
```

between-dates-reports.php

```
<?php
session_start();
error_reporting(0);
include('include/config.php');
if(strlen($_SESSION['id']==0)) {
 header('location:logout.php');
  } else{

?>
<!DOCTYPE html>
<html lang="en">
   <head>
      <title>Admin | View Patients</title>
<link
href="http://fonts.googleapis.com/css?family=Lato:300,400,400italic,600,700|Raleway:300,400,500,600,700|Crete+Round:400italic" rel="stylesheet" type="text/css" />
      <link rel="stylesheet" href="vendor/bootstrap/css/bootstrap.min.css">
        <link rel="stylesheet" href="vendor/fontawesome/css/font-awesome.min.css">
<link rel="stylesheet" href="vendor/themify-icons/themify-icons.min.css">
```

```
 <link href="vendor/animate.css/animate.min.css" rel="stylesheet" media="screen">
<link      href="vendor/perfect-scrollbar/perfect-scrollbar.min.css"      rel="stylesheet"
media="screen">
 <link href="vendor/switchery/switchery.min.css" rel="stylesheet" media="screen">
          <link  href="vendor/bootstrap-touchspin/jquery.bootstrap-touchspin.min.css"
rel="stylesheet" media="screen">
       <link href="vendor/select2/select2.min.css" rel="stylesheet" media="screen">
<link  href="vendor/bootstrap-datepicker/bootstrap-datepicker3.standalone.min.css"
rel="stylesheet" media="screen">
                <link  href="vendor/bootstrap-timepicker/bootstrap-timepicker.min.css"
rel="stylesheet" media="screen">
       <link rel="stylesheet" href="assets/css/styles.css">
       <link rel="stylesheet" href="assets/css/plugins.css">
       <link rel="stylesheet" href="assets/css/themes/theme-1.css" id="skin_color" />
   </head>
   <body>
       <div id="app">
<?php include('include/sidebar.php');?>
<div class="app-content">
<?php include('include/header.php');?>
<div class="main-content" >
<div class="wrap-content container" id="container">
                    <!-- start: PAGE TITLE -->
<section id="page-title">
<div class="row">
<div class="col-sm-8">
<h1 class="mainTitle">Admin | View Patients</h1>
```

```
</div>
<ol class="breadcrumb">
<li>
<span>Admin</span>
</li>
<li class="active">
<span>View Patients</span>
</li>
</ol>
</div>
</section>
<div class="container-fluid container-fullw bg-white">
<div class="row">
<div class="col-md-12">
<h4 class="tittle-w3-agileits mb-4">Between dates reports</h4>
<?php
$fdate=$_POST['fromdate'];
$tdate=$_POST['todate'];

?>
<h5 align="center" style="color:blue">Report from <?php echo $fdate?> to <?php echo $tdate?></h5>

<table class="table table-hover" id="sample-table-1">
<thead>
<tr>
```

```
<th class="center">#</th>
<th>Patient Name</th>
<th>Patient Contact Number</th>
<th>Patient Gender </th>
<th>Creation Date </th>
<th>Updation Date </th>
<th>Action</th>
</tr>
</thead>
<tbody>
<?php

$sql=mysqli_query($con,"select * from tblpatient where date(CreationDate) between '$fdate' and '$tdate'");
$cnt=1;
while($row=mysqli_fetch_array($sql))
{
?>
<tr>
<td class="center"><?php echo $cnt;?>.</td>
<td class="hidden-xs"><?php echo $row['PatientName'];?></td>
<td><?php echo $row['PatientContno'];?></td>
<td><?php echo $row['PatientGender'];?></td>
<td><?php echo $row['CreationDate'];?></td>
<td><?php echo $row['UpdationDate'];?>
</td>
```

```
<td>

<a href="view-patient.php?viewid=<?php echo $row['ID'];?>" class="btn btn-primary btn-xs" target="_blank">View</a>

</td>
</tr>
<?php
$cnt=$cnt+1;
 }?></tbody>
</table>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
        <!-- start: FOOTER -->
    <?php include('include/footer.php');?>
        <!-- end: FOOTER -->

        <!-- start: SETTINGS -->
    <?php include('include/setting.php');?>
```

```
            <!-- end: SETTINGS -->
        </div>
        <!-- start: MAIN JAVASCRIPTS -->
        <script src="vendor/jquery/jquery.min.js"></script>
        <script src="vendor/bootstrap/js/bootstrap.min.js"></script>
        <script src="vendor/modernizr/modernizr.js"></script>
        <script src="vendor/jquery-cookie/jquery.cookie.js"></script>
        <script src="vendor/perfect-scrollbar/perfect-scrollbar.min.js"></script>
        <script src="vendor/switchery/switchery.min.js"></script>
        <!-- end: MAIN JAVASCRIPTS -->
        <!-- start: JAVASCRIPTS REQUIRED FOR THIS PAGE ONLY -->
        <script src="vendor/maskedinput/jquery.maskedinput.min.js"></script>
<script
src="vendor/bootstrap-touchspin/jquery.bootstrap-touchspin.min.js"></script>
        <script src="vendor/autosize/autosize.min.js"></script>
        <script src="vendor/selectFx/classie.js"></script>
        <script src="vendor/selectFx/selectFx.js"></script>
        <script src="vendor/select2/select2.min.js"></script>
      <script src="vendor/bootstrap-datepicker/bootstrap-datepicker.min.js"></script>
     <script src="vendor/bootstrap-timepicker/bootstrap-timepicker.min.js"></script>
        <!-- end: JAVASCRIPTS REQUIRED FOR THIS PAGE ONLY -->
        <!-- start: CLIP-TWO JAVASCRIPTS -->
        <script src="assets/js/main.js"></script>
        <!-- start: JavaScript Event Handlers for this page -->
        <script src="assets/js/form-elements.js"></script>
        <script>
```

```
            jQuery(document).ready(function() {
                Main.init();
                FormElements.init();
            });
        </script>
        <!-- end: JavaScript Event Handlers for this page -->
        <!-- end: CLIP-TWO JAVASCRIPTS -->
    </body>
</html>
<?php } ?>
```

```
<?php
session_start();
error_reporting(0);
include('include/config.php');
if(strlen($_SESSION['id']==0)) {
 header('location:logout.php');
  } else{

if(isset($_POST['submit']))
{        $docspecialization = $_POST['Doctorspecialization'];
$docname = trim($_POST['docname']);
```

```
$docaddress = trim($_POST['clinicaddress']);
$docfees = trim($_POST['docfees']);
$doccontactno = trim($_POST['doccontact']);
$docemail = trim($_POST['docemail']);
$password = md5($_POST['npass']);
$errors = [];
if (!preg_match("/^[a-zA-Z\s]+$/", $docname)) {
    $errors[] = "Doctor name can only contain letters and spaces.";
}
if (!preg_match("/^[0-9]+$/", $docfees)) {
    $errors[] = "Doctor fees must be a numeric value.";
}
if (!preg_match("/^[6-9][0-9]{9}$/", $doccontactno)) {
    $errors[] = "Doctor contact must be a 10-digit number starting with 6, 7, 8, or 9.";
}
if (!filter_var($docemail, FILTER_VALIDATE_EMAIL)) {
    $errors[] = "Invalid email format.";
}
if (!empty($errors)) {
    foreach ($errors as $error) {
        echo "<script>alert('$error');</script>";

}
```

```
} else {
      $sql = mysqli_query($con, "INSERT INTO doctors(specilization, doctorName, address, docFees, contactno, docEmail, password)
                  VALUES('$docspecialization', '$docname', '$docaddress', '$docfees', '$doccontactno', '$docemail', '$password')");

   if ($sql) {
      echo "<script>alert('Doctor info added Successfully');</script>";
      echo "<script>window.location.href ='manage-doctors.php'</script>";
   } else {
      echo "<script>alert('Error inserting data.');</script>";
   }
}
if($sql)
{
echo "<script>alert('Doctor info added Successfully');</script>";
echo "<script>window.location.href ='manage-doctors.php'</script>";

}
}
?>
<!DOCTYPE html>
<html lang="en">
        <head>
```

```
<title>Admin | Add Doctor</title>

<link
href="http://fonts.googleapis.com/css?family=Lato:300,400,400italic,600,700|Ralew
ay:300,400,500,600,700|Crete+Round:400italic" rel="stylesheet" type="text/css" />
<link rel="stylesheet" href="vendor/bootstrap/css/bootstrap.min.css">
<link rel="stylesheet" href="vendor/fontawesome/css/font-awesome.min.css">
<link rel="stylesheet" href="vendor/themify-icons/themify-icons.min.css">
<link href="vendor/animate.css/animate.min.css" rel="stylesheet" media="screen">
<link href="vendor/perfect-scrollbar/perfect-scrollbar.min.css" rel="stylesheet"
media="screen">
<link href="vendor/switchery/switchery.min.css" rel="stylesheet" media="screen">
<link href="vendor/bootstrap-touchspin/jquery.bootstrap-touchspin.min.css"
rel="stylesheet" media="screen">
<link href="vendor/select2/select2.min.css" rel="stylesheet" media="screen">
<linkhref="vendor/bootstrap-datepicker/bootstrap-datepicker3.standalone.min.css"
rel="stylesheet" media="screen">
<link href="vendor/bootstrap-timepicker/bootstrap-timepicker.min.css"
rel="stylesheet" media="screen">
<link rel="stylesheet" href="assets/css/styles.css">
<link rel="stylesheet" href="assets/css/plugins.css">
<link rel="stylesheet" href="assets/css/themes/theme-1.css" id="skin_color" />
<script type="text/javascript">
function valid()
```

```
{
 if(document.adddoc.npass.value!= document.adddoc.cfpass.value)
{
alert("Password and Confirm Password Field do not match  !!");
document.adddoc.cfpass.focus();
return false;
}
return true;
}
</script>

<script>
function checkemailAvailability() {
$("#loaderIcon").show();
jQuery.ajax({
url: "check_availability.php",
data:'emailid='+$("#docemail").val(),
type: "POST",
success:function(data){
$("#email-availability-status").html(data);
$("#loaderIcon").hide();
},
error:function (){}
```

```
});
}
</script>
	</head>
	<body>
<div id="app">
<?php include('include/sidebar.php');?>
	<div class="app-content">

	<?php include('include/header.php');?>
	<!-- end: TOP NAVBAR -->
	<div class="main-content" >
	<div class="wrap-content container" id="container">
	<!-- start: PAGE TITLE -->
	<section id="page-title">
	<div class="row">
	<div class="col-sm-8">
		<h1 class="mainTitle">Admin | Add Doctor</h1>

	</div>
		<ol class="breadcrumb">
		<li><span>Admin</span></li>
		<li class="active"><span>Add Doctor</span></li>
		</ol>
```

```
</div>
</section>
<!-- end: PAGE TITLE -->
<!-- start: BASIC EXAMPLE -->
<div class="container-fluid container-fullw bg-white">
<div class="row">
<div class="col-md-12">
<div class="row margin-top-30">
<div class="col-lg-8 col-md-12">
<div class="panel panel-white">
<div class="panel-heading">
        <h5 class="panel-title">Add Doctor</h5>
</div>
<div class="panel-body">

<form role="form" name="adddoc" method="post" onSubmit="return valid();">

<div class="form-group">

    <label for="DoctorSpecialization">Doctor Specialization</label>
    <select name="Doctorspecialization" class="form-control" required="true">

<option value="">Select Specialization</option>
```

```
<?php $ret=mysqli_query($con,"select * from doctorspecilization");
while($row=mysqli_fetch_array($ret))
{
?>

<option value="<?php echo htmlentities($row['specilization']);?>">

<?php echo htmlentities($row['specilization']);?>

</option>
<?php } ?>
</select>
</div>
<div class="form-group">
<label for="doctorname"> Doctor Name</label>
<input type="text" name="docname" id="docname" class="form-control" placeholder="Enter Doctor Name" required="true">
</div>
<div class="form-group">
<label for="address"> Doctor Clinic Address</label>
<textarea name="clinicaddress" class="form-control" placeholder="Enter Doctor Clinic Address" required="true"></textarea>
</div>
<div class="form-group">
```

```
  <label for="fess"> Doctor Consultancy Fees</label>
    <input type="text" name="docfees" id="docfees" class="form-control" placeholder="Enter Doctor Consultancy Fees" required="true">
</div>

<div class="form-group">
<label for="fess"> Doctor Contact no</label>
<input type="text" name="doccontact" id="doccontact" class="form-control" placeholder="Enter Doctor Contact no" required="true">
<span id="contact-error" style="color:red;"></span></div>
<div class="form-group">
<label for="fess"> Doctor Email</label>
<input type="email" id="docemail" name="docemail" class="form-control" placeholder="Enter Doctor ” required="true" onBlur="checkemailAvailability()">
<span id="email-availability-status"></span>
</div>
<div class="form-group">
<label for="exampleInputPassword1">Password</label>
<input type="password" name="npass" class="form-control" placeholder="New Password" required="required">
</div>
<div class="form-group">
<label for="exampleInputPassword2">Confirm Password</label>
<input type="password" name="cfpass" class="form-control" placeholder="Confirm
```

```
Password" required="required">

</div>

<button type="submit" name="submit" id="submit" class="btn btn-o btn-primary">
                                Submit
</button>
</form>
</div>
</div>
</div>
</div>
</div>
<div class="col-lg-12 col-md-12">
<div class="panel panel-white">
</div>
</div>
</div>
</div>
</div>
</div>
</div>
<!-- end: BASIC EXAMPLE -->
                                                <!-- end: SELECT BOXES -->
```

```
                    </div>
                </div>
            </div>
        <!-- start: FOOTER -->
        <?php include('include/footer.php');?>
            <!-- end: FOOTER -->

            <!-- start: SETTINGS -->
        <?php include('include/setting.php');?>

            <!-- end: SETTINGS -->
        </div>
        <!-- start: MAIN JAVASCRIPTS -->
        <script src="vendor/jquery/jquery.min.js"></script>
        <script src="vendor/bootstrap/js/bootstrap.min.js"></script>
        <script src="vendor/modernizr/modernizr.js"></script>
        <script src="vendor/jquery-cookie/jquery.cookie.js"></script>
        <script src="vendor/perfect-scrollbar/perfect-scrollbar.min.js"></script>
        <script src="vendor/switchery/switchery.min.js"></script>
        <!-- end: MAIN JAVASCRIPTS -->
        <!-- start: JAVASCRIPTS REQUIRED FOR THIS PAGE ONLY -->
        <script src="vendor/maskedinput/jquery.maskedinput.min.js"></script>
        <script
src="vendor/bootstrap-touchspin/jquery.bootstrap-touchspin.min.js"></script>
```

```
		<script src="vendor/autosize/autosize.min.js"></script>
		<script src="vendor/selectFx/classie.js"></script>
		<script src="vendor/selectFx/selectFx.js"></script>
		<script src="vendor/select2/select2.min.js"></script>
		<script
src="vendor/bootstrap-datepicker/bootstrap-datepicker.min.js"></script>
		<script
src="vendor/bootstrap-timepicker/bootstrap-timepicker.min.js"></script>
		<!-- end: JAVASCRIPTS REQUIRED FOR THIS PAGE ONLY -->
		<!-- start: CLIP-TWO JAVASCRIPTS -->
		<script src="assets/js/main.js"></script>
		<!-- start: JavaScript Event Handlers for this page -->
		<script src="assets/js/form-elements.js"></script>
		<script>
			jQuery(document).ready(function() {
				Main.init();
				FormElements.init();
			});
		</script>
		<script>
			//This validation allows to write wrong input in the input field
			//After coming out from the input field it should alert about
wrong input
document.addEventListener('DOMContentLoaded', function () {
```

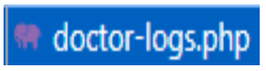
```
    // Doctor Name validation
    const docname = document.getElementById('docname');
    docname.addEventListener('blur', function () {
        const val = this.value.trim();
        if (val && !/^[a-zA-Z\s]+$/.test(val)) {
            alert("Doctor name can only contain letters and spaces.");
            setTimeout(() => this.focus(), 0);
        }
    });
const docaddress = document.querySelector('textarea[name="clinicaddress"]');
    docaddress.addEventListener('blur', function () {
        const val = this.value.trim();
        const allowedChars = /^[a-zA-Z0-9\s,./-]{3,}$/;
        const containsLetter = /[a-zA-Z]/;

        if (val && (!allowedChars.test(val) || !containsLetter.test(val))) {
            alert("Clinic address must be at least 3 characters and contain at least one
alphabet character.");
            setTimeout(() => this.focus(), 0);
     }
    });
    // Doctor Fees validation
    const docfees = document.getElementById('docfees');
    docfees.addEventListener('blur', function () {
```

```
        const val = this.value.trim();
        if (val && !/^[0-9]+$/.test(val)) {
            alert("Doctor fees must be a numeric value.");
            setTimeout(() => this.focus(), 0);
        }
    });

    // Doctor Contact Number validation
    const doccontact = document.getElementById('doccontact');
    doccontact.addEventListener('blur', function () {
        const val = this.value.trim();
        if (val && !/^[6-9][0-9]{9}$/.test(val)) {
            alert("Contact number must be 10 digits and start with 6, 7, 8, or 9.");
            setTimeout(() => this.focus(), 0);
        }
    });
});
</script>

    <!-- <script>
        //This validation do not allow to write wrong input in the input field
        //After just typing one wrong the input in field it should alert about wrong input
        //Validation starts from here
```

```
 document.addEventListener('DOMContentLoaded', function () {
    // Doctor Name: Only letters and spaces
    document.getElementById('docname').addEventListener('input', function () {
        const val = this.value;
        if (/[^a-zA-Z\s]/.test(val)) {
            alert("Only letters and spaces are allowed in Doctor Name.");
            this.value = val.replace(/[^a-zA-Z\s]/g, '');
        }
    });

    // Doctor Fees: Only digits
    document.getElementById('docfees').addEventListener('keydown', function (e) {
        const key = e.key;
                        if (!/^\d$/.test(key) && !['Backspace', 'Tab', 'ArrowLeft',
'ArrowRight'].includes(key)) {
            e.preventDefault();
            alert("Only digits are allowed in Doctor Fees.");
        }
    });

    // Doctor Contact
    const contactInput = document.getElementById('doccontact');
    const errorField = document.getElementById('contact-error');
```

```
    // Allow only digits
    contactInput.addEventListener('keydown', function (e) {
        const key = e.key;
                            if (!/^\d$/.test(key) && !['Backspace', 'Tab', 'ArrowLeft',
'ArrowRight'].includes(key)) {
            e.preventDefault();
            alert("Only digits are allowed in Contact Number.");
        }
    });

    // Max length + start digit check
    contactInput.addEventListener('input', function () {
        const val = this.value;

        if (val.length > 10) {
            alert("Contact number cannot exceed 10 digits.");
            this.value = val.slice(0, 10);
        }

        if (val.length === 10 && !/^[6-9]/.test(val)) {
            alert("Contact number must start with 6, 7, 8, or 9.");
            errorField.innerText = "Invalid starting digit.";
        } else {
            errorField.innerText = "";
```

```
        }
    });

    // Show alert if number is not exactly 10 digits on blur
    contactInput.addEventListener('blur', function () {
        const val = this.value;
        if (val.length > 0 && val.length !== 10) {
            alert("Contact number must be exactly 10 digits.");
        }
    });
});
</script> -->

                <!-- end: JavaScript Event Handlers for this page -->
                <!-- end: CLIP-TWO JAVASCRIPTS -->
        </body>
</html>
<?php } ?
```




```
<?php
session_start();
//error_reporting(0);
include('include/config.php');
```

```
if(strlen($_SESSION['id']==0)) {
 header('location:logout.php');
  } else{

?>
<!DOCTYPE html>
<html lang="en">
   <head>
       <title>Admin | Doctor Session Logs</title>

<link
href="http://fonts.googleapis.com/css?family=Lato:300,400,400italic,600,700|Raleway:300,400,500,600,700|Crete+Round:400italic" rel="stylesheet" type="text/css" />
       <link rel="stylesheet" href="vendor/bootstrap/css/bootstrap.min.css">
       <link rel="stylesheet" href="vendor/fontawesome/css/font-awesome.min.css">
       <link rel="stylesheet" href="vendor/themify-icons/themify-icons.min.css">
 <link href="vendor/animate.css/animate.min.css" rel="stylesheet" media="screen">
<link     href="vendor/perfect-scrollbar/perfect-scrollbar.min.css"     rel="stylesheet" media="screen">
                    <link   href="vendor/switchery/switchery.min.css"   rel="stylesheet" media="screen">
         <link href="vendor/bootstrap-touchspin/jquery.bootstrap-touchspin.min.css" rel="stylesheet" media="screen">
       <link href="vendor/select2/select2.min.css" rel="stylesheet" media="screen">
                                                                                <link
href="vendor/bootstrap-datepicker/bootstrap-datepicker3.standalone.min.css" rel="stylesheet" media="screen">
```

```
                <link  href="vendor/bootstrap-timepicker/bootstrap-timepicker.min.css"
rel="stylesheet" media="screen">
        <link rel="stylesheet" href="assets/css/styles.css">
        <link rel="stylesheet" href="assets/css/plugins.css">
        <link rel="stylesheet" href="assets/css/themes/theme-1.css" id="skin_color" />
    </head>
    <body>
        <div id="app">
<?php include('include/sidebar.php');?>
<div class="app-content">


<?php include('include/header.php');?>
 <!-- end: TOP NAVBAR -->
 <div class="main-content" >
 <div class="wrap-content container" id="container">
 <!-- start: PAGE TITLE -->
 <section id="page-title">
 <div class="row">
    <div class="col-sm-8">
    <h1 class="mainTitle">Admin  | Doctor Session Logs</h1>
    </div>
    <ol class="breadcrumb">
        <li>
            <span>Admin </span>
        </li>
```

```
        <li class="active">
            <span>Doctor Session Logs</span>
        </li>
    </ol>
</div>
</section>
    <!-- end: PAGE TITLE -->
    <!-- start: BASIC EXAMPLE -->
    <div class="container-fluid container-fullw bg-white">
    <div class="row">
    <div class="col-md-12">

    <p style="color:red;"><?php echo htmlentities($_SESSION['msg']);?>
    <?php echo htmlentities($_SESSION['msg']="");?></p>
    <table class="table table-hover" id="sample-table-1">
    <thead>
    <tr>
    <th class="center">#</th>
    <th class="hidden-xs">User id</th>
    <th>Username</th>
    <th>User IP</th>
    <th>Login time</th>
    <th>Logout Time </th>
    <th> Status </th>
    </tr>
    </thead>
```

```
   <tbody>
<?php
$sql=mysqli_query($con,"select * from doctorslog ");
$cnt=1;
while($row=mysqli_fetch_array($sql))
{
?>

   <tr>
   <td class="center"><?php echo $cnt;?>.</td>
   <td class="hidden-xs"><?php echo $row['uid'];?></td>
   <td class="hidden-xs"><?php echo $row['username'];?></td>
   <td><?php echo $row['userip'];?></td>
   <td><?php echo $row['loginTime'];?></td>
   <td><?php echo $row['logout'];?>
</td>

<td>
<?php if($row['status']==1)
{
   echo "Success";
}
else
{
   echo "Failed";
}?>
```

```
</td>

</tr>

<?php
$cnt=$cnt+1;
 }?>
</tbody>
</table>
</div>
</div>
</div>

<!-- end: BASIC EXAMPLE -->
<!-- end: SELECT BOXES -->

                </div>
              </div>
            </div>
            <!-- start: FOOTER -->
    <?php include('include/footer.php');?>
            <!-- end: FOOTER -->

            <!-- start: SETTINGS -->
    <?php include('include/setting.php');?>
```

```
            <!-- end: SETTINGS -->
        </div>
        <!-- start: MAIN JAVASCRIPTS -->
        <script src="vendor/jquery/jquery.min.js"></script>
        <script src="vendor/bootstrap/js/bootstrap.min.js"></script>
        <script src="vendor/modernizr/modernizr.js"></script>
        <script src="vendor/jquery-cookie/jquery.cookie.js"></script>
        <script src="vendor/perfect-scrollbar/perfect-scrollbar.min.js"></script>
        <script src="vendor/switchery/switchery.min.js"></script>
        <!-- end: MAIN JAVASCRIPTS -->
        <!-- start: JAVASCRIPTS REQUIRED FOR THIS PAGE ONLY -->
        <script src="vendor/maskedinput/jquery.maskedinput.min.js"></script>
<script
src="vendor/bootstrap-touchspin/jquery.bootstrap-touchspin.min.js"></script>
        <script src="vendor/autosize/autosize.min.js"></script>
        <script src="vendor/selectFx/classie.js"></script>
        <script src="vendor/selectFx/selectFx.js"></script>
        <script src="vendor/select2/select2.min.js"></script>
    <script src="vendor/bootstrap-datepicker/bootstrap-datepicker.min.js"></script>
   <script src="vendor/bootstrap-timepicker/bootstrap-timepicker.min.js"></script>
        <!-- end: JAVASCRIPTS REQUIRED FOR THIS PAGE ONLY -->
        <!-- start: CLIP-TWO JAVASCRIPTS -->
        <script src="assets/js/main.js"></script>
        <!-- start: JavaScript Event Handlers for this page -->
        <script src="assets/js/form-elements.js"></script>
```

```
        <script>
            jQuery(document).ready(function() {
                Main.init();
                FormElements.init();
            });
        </script>
        <!-- end: JavaScript Event Handlers for this page -->
        <!-- end: CLIP-TWO JAVASCRIPTS -->
    </body>
</html>
<?php } ?>
```

about-us.php

```
<?php
session_start();
error_reporting(o);
include('include/config.php');
if(strlen($_SESSION['id']==o)) {
 header('location:logout.php');
  } else{
//Code for Update the Content

   if(isset($_POST['submit']))
 {

    $pagetitle=$_POST['pagetitle'];
$pagedes=$con->real_escape_string($_POST['pagedes']);$query=mysqli_query($con,
"update tblpage set PageTitle='$pagetitle',PageDescription='$pagedes' where
PageType='aboutus'");
   if ($query) {

   echo '<script>alert("About Us has been updated.")</script>';
 }
 else
  {
    echo '<script>alert("Something Went Wrong. Please try again.")</script>';
  }
```

```
}


?>
<!DOCTYPE html>
<html lang="en">
   <head>
      <title>Admin | About Us </title>
<link
href="http://fonts.googleapis.com/css?family=Lato:300,400,400italic,600,700|Raleway:300,400,500,600,700|Crete+Round:400italic" rel="stylesheet" type="text/css" />
      <link rel="stylesheet" href="vendor/bootstrap/css/bootstrap.min.css">
      <link rel="stylesheet" href="vendor/fontawesome/css/font-awesome.min.css">
      <link rel="stylesheet" href="vendor/themify-icons/themify-icons.min.css">
                  <link   href="vendor/animate.css/animate.min.css"   rel="stylesheet" media="screen">
       <link href="vendor/perfect-scrollbar/perfect-scrollbar.min.css" rel="stylesheet" media="screen">
                   <link   href="vendor/switchery/switchery.min.css"   rel="stylesheet" media="screen">
        <link href="vendor/bootstrap-touchspin/jquery.bootstrap-touchspin.min.css" rel="stylesheet" media="screen">
      <link href="vendor/select2/select2.min.css" rel="stylesheet" media="screen">
<link href="vendor/bootstrap-datepicker/bootstrap-datepicker3.standalone.min.css" rel="stylesheet" media="screen">
              <link  href="vendor/bootstrap-timepicker/bootstrap-timepicker.min.css" rel="stylesheet" media="screen">
      <link rel="stylesheet" href="assets/css/styles.css">
```

```
        <link rel="stylesheet" href="assets/css/plugins.css">
        <link rel="stylesheet" href="assets/css/themes/theme-1.css" id="skin_color" />
<script src="http://js.nicedit.com/nicEdit-latest.js" type="text/javascript"></script>
<script
type="text/javascript">bkLib.onDomLoaded(nicEditors.allTextAreas);</script>
    </head>
    <body>
        <div id="app">
<?php include('include/sidebar.php');?>
            <div class="app-content">


                <?php include('include/header.php');?>
            <!-- end: TOP NAVBAR -->
            <div class="main-content" >
                <div class="wrap-content container" id="container">
                    <!-- start: PAGE TITLE -->
                    <section id="page-title">
                        <div class="row">
                            <div class="col-sm-8">
                        <h1 class="mainTitle">Admin  | Update the About us Content</h1>
                                                    </div>
                            <ol class="breadcrumb">
                                <li>
                                    <span>Admin </span>
                                </li>
```

```
                        <li class="active">
                            <span>Update the About us Content</span>
                        </li>
                    </ol>
                </div>
            </section>
            <!-- end: PAGE TITLE -->
            <!-- start: BASIC EXAMPLE -->
            <div class="container-fluid container-fullw bg-white">


                        <div class="row">
                    <div class="col-md-12">


        <form class="forms-sample" method="post">
          <?php

$ret=mysqli_query($con,"select * from  tblpage where PageType='aboutus'");
$cnt=1;
while ($row=mysqli_fetch_array($ret)) {

?>
          <div class="form-group">
            <label for="exampleInputUsername1">Page Title</label>
           <input id="pagetitle" name="pagetitle" type="text" class="form-control"
```

```
required="true" value="<?php  echo $row['PageTitle'];?>">
                </div>
                <div class="form-group">
                  <label for="exampleInputEmail1">Page Description</label>
                            <textarea class="form-control" name="pagedes" id="pagedes"
rows="12"><?php  echo $row['PageDescription'];?></textarea>
                </div>

                <?php } ?>
                                    <button type="submit" class="btn btn-primary mr-2"
name="submit">Submit</button>
              </form>
                        </div>
                      </div>
                        </div>

                    <!-- end: BASIC EXAMPLE -->
                    <!-- end: SELECT BOXES -->

                </div>
              </div>
          </div>
          <!-- start: FOOTER -->
    <?php include('include/footer.php');?>
          <!-- end: FOOTER -->
```

```
        <!-- start: SETTINGS -->
    <?php include('include/setting.php');?>

        <!-- end: SETTINGS -->
      </div>
      <!-- start: MAIN JAVASCRIPTS -->
      <script src="vendor/jquery/jquery.min.js"></script>
      <script src="vendor/bootstrap/js/bootstrap.min.js"></script>
      <script src="vendor/modernizr/modernizr.js"></script>
      <script src="vendor/jquery-cookie/jquery.cookie.js"></script>
      <script src="vendor/perfect-scrollbar/perfect-scrollbar.min.js"></script>
      <script src="vendor/switchery/switchery.min.js"></script>
      <!-- end: MAIN JAVASCRIPTS -->
      <!-- start: JAVASCRIPTS REQUIRED FOR THIS PAGE ONLY -->
      <script src="vendor/maskedinput/jquery.maskedinput.min.js"></script>
<script
src="vendor/bootstrap-touchspin/jquery.bootstrap-touchspin.min.js"></script>
      <script src="vendor/autosize/autosize.min.js"></script>
      <script src="vendor/selectFx/classie.js"></script>
      <script src="vendor/selectFx/selectFx.js"></script>
      <script src="vendor/select2/select2.min.js"></script>
     <script src="vendor/bootstrap-datepicker/bootstrap-datepicker.min.js"></script>
    <script src="vendor/bootstrap-timepicker/bootstrap-timepicker.min.js"></script>
      <!-- end: JAVASCRIPTS REQUIRED FOR THIS PAGE ONLY -->
      <!-- start: CLIP-TWO JAVASCRIPTS -->
      <script src="assets/js/main.js"></script>
```

```
        <!-- start: JavaScript Event Handlers for this page -->
        <script src="assets/js/form-elements.js"></script>
        <script>
            jQuery(document).ready(function() {
                Main.init();
                FormElements.init();
            });
        </script>
        <!-- end: JavaScript Event Handlers for this page -->
        <!-- end: CLIP-TWO JAVASCRIPTS -->
    </body>
</html>
<?php } ?>
```

Source Code of Doctor Module

dashboard.php

```
<?php
session_start();
error_reporting(0);
include('include/config.php');
if(strlen($_SESSION['id']==0)) {
 header('location:logout.php');
  } else{


?>
<!DOCTYPE html>
<html lang="en">
   <head>
       <title>Doctor  | Dashboard</title>

<link
href="http://fonts.googleapis.com/css?family=Lato:300,400,400italic,600,700|Raleway:300,400,500,600,700|Crete+Round:400italic" rel="stylesheet" type="text/css" />
       <link rel="stylesheet" href="vendor/bootstrap/css/bootstrap.min.css">
       <link rel="stylesheet" href="vendor/fontawesome/css/font-awesome.min.css">
       <link rel="stylesheet" href="vendor/themify-icons/themify-icons.min.css">
                     <link   href="vendor/animate.css/animate.min.css"   rel="stylesheet" media="screen">
        <link href="vendor/perfect-scrollbar/perfect-scrollbar.min.css" rel="stylesheet" media="screen">
```

```
                    <link    href="vendor/switchery/switchery.min.css"    rel="stylesheet"
media="screen">
         <link href="vendor/bootstrap-touchspin/jquery.bootstrap-touchspin.min.css"
rel="stylesheet" media="screen">
       <link href="vendor/select2/select2.min.css" rel="stylesheet" media="screen">
<link href="vendor/bootstrap-datepicker/bootstrap-datepicker3.standalone.min.css"
rel="stylesheet" media="screen">
                <link  href="vendor/bootstrap-timepicker/bootstrap-timepicker.min.css"
rel="stylesheet" media="screen">
       <link rel="stylesheet" href="assets/css/styles.css">
       <link rel="stylesheet" href="assets/css/plugins.css">
       <link rel="stylesheet" href="assets/css/themes/theme-1.css" id="skin_color" />



   </head>
   <body>
<div id="app">
<?php include('include/sidebar.php');?>
<div class="app-content">
<?php include('include/header.php');?>
   <!-- end: TOP NAVBAR -->
   <div class="main-content" >
      <div class="wrap-content container" id="container">
      <!-- start: PAGE TITLE -->
      <section id="page-title">
      <div class="row">
      <div class="col-sm-8">
```

```
<h1 class="mainTitle">Doctor | Dashboard</h1>
</div>
<ol class="breadcrumb">
  <li>
    <span>User</span>
  </li>
  <li class="active">
    <span>Dashboard</span>
  </li>
</ol>
</div>
</section>
<!-- end: PAGE TITLE -->
<!-- start: BASIC EXAMPLE -->
<div class="container-fluid container-fullw bg-white">
<div class="row">
  <div class="col-sm-4">
    <div class="panel panel-white no-radius text-center">
      <div class="panel-body">
            <span class="fa-stack fa-2x"> <i class="fa fa-square fa-stack-2x
text-primary"></i> <i class="fa fa-smile-o fa-stack-1x fa-inverse"></i> </span>
        <h2 class="StepTitle">My Profile</h2>
        <p class="links cl-effect-1">
        <a href="edit-profile.php">
            Update Profile
        </a>
```

```
                    </p>
                  </div>
                </div>
              </div>
              <div class="col-sm-4">
               <div class="panel panel-white no-radius text-center">
                 <div class="panel-body">
                              <span class="fa-stack fa-2x"> <i class="fa fa-square fa-stack-2x text-primary"></i> <i class="fa fa-paperclip fa-stack-1x fa-inverse"></i> </span>
                    <h2 class="StepTitle">My Appointments</h2>
                      <p class="cl-effect-1">
                    <a href="appointment-history.php">
                    View Appointment History
                    </a>
                    </p>
                  </div>
                </div>
              </div>
            </div>
          </div>

    <!-- end: SELECT BOXES -->
          </div>
        </div>
    </div>
          <!-- start: FOOTER -->
```

```
    <?php include('include/footer.php');?>
        <!-- end: FOOTER -->

        <!-- start: SETTINGS -->
    <?php include('include/setting.php');?>

        <!-- end: SETTINGS -->
      </div>
      <!-- start: MAIN JAVASCRIPTS -->
      <script src="vendor/jquery/jquery.min.js"></script>
      <script src="vendor/bootstrap/js/bootstrap.min.js"></script>
      <script src="vendor/modernizr/modernizr.js"></script>
      <script src="vendor/jquery-cookie/jquery.cookie.js"></script>
      <script src="vendor/perfect-scrollbar/perfect-scrollbar.min.js"></script>
      <script src="vendor/switchery/switchery.min.js"></script>
      <!-- end: MAIN JAVASCRIPTS -->
      <!-- start: JAVASCRIPTS REQUIRED FOR THIS PAGE ONLY -->
       <script src="vendor/maskedinput/jquery.maskedinput.min.js"></script><script
src="vendor/bootstrap-touchspin/jquery.bootstrap-touchspin.min.js"></script>
      <script src="vendor/autosize/autosize.min.js"></script>
      <script src="vendor/selectFx/classie.js"></script>
      <script src="vendor/selectFx/selectFx.js"></script>
      <script src="vendor/select2/select2.min.js"></script>
    <script src="vendor/bootstrap-datepicker/bootstrap-datepicker.min.js"></script>
   <script src="vendor/bootstrap-timepicker/bootstrap-timepicker.min.js"></script>
      <!-- end: JAVASCRIPTS REQUIRED FOR THIS PAGE ONLY -->
```

```
        <!-- start: CLIP-TWO JAVASCRIPTS -->
        <script src="assets/js/main.js"></script>
        <!-- start: JavaScript Event Handlers for this page -->
        <script src="assets/js/form-elements.js"></script>
        <script>
            jQuery(document).ready(function() {
                Main.init();
                FormElements.init();
            });
        </script>
        <!-- end: JavaScript Event Handlers for this page -->
        <!-- end: CLIP-TWO JAVASCRIPTS -->
    </body>
</html>
<?php } ?>
```

```
<?php
session_start();
error_reporting(0);
include('include/config.php');
if(strlen($_SESSION['id']==0)) {
 header('location:logout.php');
  } else{

if(isset($_GET['cancel']))
        {
```

```
mysqli_query($con,"update appointment set doctorStatus='0' where id ='".$_GET['id']."'");
                $_SESSION['msg']="Appointment canceled !!";
        }
?>
<!DOCTYPE html>
<html lang="en">
   <head>
      <title>Doctor | Appointment History</title>

<link href="http://fonts.googleapis.com/css?family=Lato:300,400,400italic,600,700|Raleway:300,400,500,600,700|Crete+Round:400italic" rel="stylesheet" type="text/css" />
      <link rel="stylesheet" href="vendor/bootstrap/css/bootstrap.min.css">
      <link rel="stylesheet" href="vendor/fontawesome/css/font-awesome.min.css">
      <link rel="stylesheet" href="vendor/themify-icons/themify-icons.min.css">
 <link href="vendor/animate.css/animate.min.css" rel="stylesheet" media="screen">
       <link href="vendor/perfect-scrollbar/perfect-scrollbar.min.css" rel="stylesheet" media="screen">
                  <link href="vendor/switchery/switchery.min.css" rel="stylesheet" media="screen">
         <link href="vendor/bootstrap-touchspin/jquery.bootstrap-touchspin.min.css" rel="stylesheet" media="screen">
      <link href="vendor/select2/select2.min.css" rel="stylesheet" media="screen">
<link href="vendor/bootstrap-datepicker/bootstrap-datepicker3.standalone.min.css" rel="stylesheet" media="screen">
```

```
                <link  href="vendor/bootstrap-timepicker/bootstrap-timepicker.min.css"
rel="stylesheet" media="screen">
        <link rel="stylesheet" href="assets/css/styles.css">
        <link rel="stylesheet" href="assets/css/plugins.css">
        <link rel="stylesheet" href="assets/css/themes/theme-1.css" id="skin_color" />
    </head>
    <body>
<div id="app">
<?php include('include/sidebar.php');?>
<div class="app-content">
<?php include('include/header.php');?>
<!-- end: TOP NAVBAR -->
<div class="main-content" >
<div class="wrap-content container" id="container">
<!-- start: PAGE TITLE -->
<section id="page-title">
<div class="row">
    <div class="col-sm-8">
        <h1 class="mainTitle">Doctor  | Appointment History</h1>
    </div>
    <ol class="breadcrumb">
    <li>
        <span>Doctor </span>
    </li>
    <li class="active">
        <span>Appointment History</span>
```

```
</li>
</ol>
</div>
</section>
<!-- end: PAGE TITLE -->
<!-- start: BASIC EXAMPLE -->
<div class="container-fluid container-fullw bg-white">
<div class="row">
<div class="col-md-12">
<p style="color:red;"><?php echo htmlentities($_SESSION['msg']);?>
<?php echo htmlentities($_SESSION['msg']="");?></p>
<table class="table table-hover" id="sample-table-1">
<thead>
<tr>
   <th class="center">#</th>
   <th class="hidden-xs">Patient  Name</th>
   <th>Specialization</th>
   <th>Consultancy Fee</th>
   <th>Appointment Date / Time </th>
   <th>Appointment Creation Date  </th>
   <th>Current Status</th>
   <th>Action</th>

</tr>
</thead>
<tbody>
```

```
<?php
$sql=mysqli_query($con,"select users.fullName as fname,appointment.* from appointment join users on users.id=appointment.userId where appointment.doctorId='".$_SESSION['id']."'");
$cnt=1;
while($row=mysqli_fetch_array($sql))
{
?>
<tr>
 <td class="center"><?php echo $cnt;?>.</td>
 <td class="hidden-xs"><?php echo $row['fname'];?></td>
 <td><?php echo $row['doctorSpecialization'];?></td>
 <td><?php echo $row['consultancyFees'];?></td>
 <td><?php echo $row['appointmentDate'];?> / <?php echo
 $row['appointmentTime'];?>
 </td>
 <td><?php echo $row['postingDate'];?></td>
 <td>
<?php if(($row['userStatus']==1) && ($row['doctorStatus']==1))
{
   echo "Active";
}
if(($row['userStatus']==0) && ($row['doctorStatus']==1))
{
   echo "Cancel by Patient";
}
```

```
if((row['userStatus']==1) && (row['doctorStatus']==0))
{
   echo "Cancel by you";
}
?></td>
<td >
   <div class="visible-md visible-lg hidden-sm hidden-xs">
<?php if((row['userStatus']==1) && (row['doctorStatus']==1))
{ ?>
      <a href="appointment-history.php?id=<?php echo row['id']?>&cancel=update" onClick="return confirm('Are you sure you want to cancel this appointment ?')" class="btn btn-info btn-xs" title="Cancel Appointment" tooltip-placement="top" tooltip="Remove">Cancel</a>
   <?php } else {
      echo "Canceled";
      } ?>
</div>
</td>
</tr>
<?php
cnt=cnt+1;
}?>
</tbody>
</table>
</div>
```

```
</div>
</div>
<!-- end: BASIC EXAMPLE -->
<!-- end: SELECT BOXES -->

        </div>
    </div>
</div>
    <!-- start: FOOTER -->
    <?php include('include/footer.php');?>
            <!-- end: FOOTER -->

            <!-- start: SETTINGS -->
    <?php include('include/setting.php');?>

            <!-- end: SETTINGS -->
        </div>
        <!-- start: MAIN JAVASCRIPTS -->
        <script src="vendor/jquery/jquery.min.js"></script>
        <script src="vendor/bootstrap/js/bootstrap.min.js"></script>
        <script src="vendor/modernizr/modernizr.js"></script>
        <script src="vendor/jquery-cookie/jquery.cookie.js"></script>
        <script src="vendor/perfect-scrollbar/perfect-scrollbar.min.js"></script>
        <script src="vendor/switchery/switchery.min.js"></script>
        <!-- end: MAIN JAVASCRIPTS -->
        <!-- start: JAVASCRIPTS REQUIRED FOR THIS PAGE ONLY -->
```

```
        <script src="vendor/maskedinput/jquery.maskedinput.min.js"></script>
<script
src="vendor/bootstrap-touchspin/jquery.bootstrap-touchspin.min.js"></script>
        <script src="vendor/autosize/autosize.min.js"></script>
        <script src="vendor/selectFx/classie.js"></script>
        <script src="vendor/selectFx/selectFx.js"></script>
        <script src="vendor/select2/select2.min.js"></script>
     <script src="vendor/bootstrap-datepicker/bootstrap-datepicker.min.js"></script>
    <script src="vendor/bootstrap-timepicker/bootstrap-timepicker.min.js"></script>
        <!-- end: JAVASCRIPTS REQUIRED FOR THIS PAGE ONLY -->
        <!-- start: CLIP-TWO JAVASCRIPTS -->
        <script src="assets/js/main.js"></script>
        <!-- start: JavaScript Event Handlers for this page -->
        <script src="assets/js/form-elements.js"></script>
        <script>
            jQuery(document).ready(function() {
                Main.init();
                FormElements.init();
            });
        </script>
        <!-- end: JavaScript Event Handlers for this page -->
        <!-- end: CLIP-TWO JAVASCRIPTS -->
    </body>
</html><?php } ?>
```

view-patient.php

```
<?php
```

```
session_start();
error_reporting(0);
include('include/config.php');
if(strlen($_SESSION['id']==0)) {
 header('location:logout.php');
  } else{
if(isset($_POST['submit']))
  {

    $vid=$_GET['viewid'];
    $bp=$_POST['bp'];
    $bs=$_POST['bs'];
    $weight=$_POST['weight'];
    $temp=$_POST['temp'];
   $pres=$_POST['pres']
$query.=mysqli_query($con,"insert
tblmedicalhistory(PatientID,BloodPressure,BloodSugar,Weight,Temperature,Medica
lPres)value('$vid','$bp','$bs','$weight','$temp','$pres')");
    if ($query) {
    echo '<script>alert("Medicle history has been added.")</script>';
    echo "<script>window.location.href ='manage-patient.php'</script>";
  }
  else
    {
      echo '<script>alert("Something Went Wrong. Please try again")</script>';
    }
```

```
}

?>
<!DOCTYPE html>
<html lang="en">
  <head>
    <title>Doctor | Manage Patients</title>
<link
href="http://fonts.googleapis.com/css?family=Lato:300,400,400italic,600,700|Ralew
ay:300,400,500,600,700|Crete+Round:400italic" rel="stylesheet" type="text/css" />
    <link rel="stylesheet" href="vendor/bootstrap/css/bootstrap.min.css">
    <link rel="stylesheet" href="vendor/fontawesome/css/font-awesome.min.css">
    <link rel="stylesheet" href="vendor/themify-icons/themify-icons.min.css">
                  <link     href="vendor/animate.css/animate.min.css"     rel="stylesheet"
media="screen">
       <link  href="vendor/perfect-scrollbar/perfect-scrollbar.min.css"  rel="stylesheet"
media="screen">
                   <link     href="vendor/switchery/switchery.min.css"     rel="stylesheet"
media="screen">
         <link  href="vendor/bootstrap-touchspin/jquery.bootstrap-touchspin.min.css"
rel="stylesheet" media="screen">
    <link href="vendor/select2/select2.min.css" rel="stylesheet" media="screen">
<link href="vendor/bootstrap-datepicker/bootstrap-datepicker3.standalone.min.css"
rel="stylesheet" media="screen">
               <link    href="vendor/bootstrap-timepicker/bootstrap-timepicker.min.css"
```

```
rel="stylesheet" media="screen">
    <link rel="stylesheet" href="assets/css/styles.css">
    <link rel="stylesheet" href="assets/css/plugins.css">
    <link rel="stylesheet" href="assets/css/themes/theme-1.css" id="skin_color" />
  </head>
  <body>
    <div id="app">
<?php include('include/sidebar.php');?>
<div class="app-content">
<?php include('include/header.php');?>
<div class="main-content" >
<div class="wrap-content container" id="container">
            <!-- start: PAGE TITLE -->
<section id="page-title">
<div class="row">
<div class="col-sm-8">
<h1 class="mainTitle">Doctor | Manage Patients</h1>
</div>
<ol class="breadcrumb">
<li>
<span>Doctor</span>
</li>
<li class="active">
<span>Manage Patients</span>
</li>
</ol>
```

```
</div>
</section>
<div class="container-fluid container-fullw bg-white">
<div class="row">
<div class="col-md-12">
<h5class="over-titlemargin-bottom-15">Manage<span
class="text-bold">Patients</span></h5>
<?php
                        $vid=$_GET['viewid'];
 $ret=mysqli_query($con,"select * from tblpatient where ID='$vid'");
$cnt=1;
while ($row=mysqli_fetch_array($ret)) {
                        ?>
<table border="1" class="table table-bordered">
 <tr align="center">
<td colspan="4" style="font-size:20px;color:blue">
 Patient Details</td></tr>

   <tr>
   <th scope>Patient Name</th>
   <td><?php  echo $row['PatientName'];?></td>
   <th scope>Patient Email</th>
   <td><?php  echo $row['PatientEmail'];?></td>
 </tr>
 <tr>
   <th scope>Patient Mobile Number</th>
```

```
  <td><?php  echo $row['PatientContno'];?></td>
  <th>Patient Address</th>
  <td><?php  echo $row['PatientAdd'];?></td>
 </tr>
  <tr>
  <th>Patient Gender</th>
  <td><?php  echo $row['PatientGender'];?></td>
  <th>Patient Age</th>
  <td><?php  echo $row['PatientAge'];?></td>
 </tr>
 <tr>

  <th>Patient Medical History(if any)</th>
  <td><?php  echo $row['PatientMedhis'];?></td>
   <th>Patient Reg Date</th>
  <td><?php  echo $row['CreationDate'];?></td>
 </tr>

<?php }?>
</table>
<?php

$ret=mysqli_query($con,"select * from tblmedicalhistory  where PatientID='$vid'");
```

```
 ?>
<table id="datatable" class="table table-bordered dt-responsive nowrap" style="border-collapse: collapse; border-spacing: 0; width: 100%;">
  <tr align="center">
   <th colspan="8" >Medical History</th>
  </tr>
  <tr>
    <th>#</th>
<th>Blood Pressure</th>
<th>Weight</th>
<th>Blood Sugar</th>
<th>Body Temprature</th>
<th>Medical Prescription</th>
<th>Visit Date</th>
</tr>
<?php
while ($row=mysqli_fetch_array($ret)) {
  ?>
<tr>
  <td><?php echo $cnt;?></td>
 <td><?php  echo $row['BloodPressure'];?></td>
 <td><?php  echo $row['Weight'];?></td>
 <td><?php  echo $row['BloodSugar'];?></td>
  <td><?php  echo $row['Temperature'];?></td>
  <td><?php  echo $row['MedicalPres'];?></td>
  <td><?php  echo $row['CreationDate'];?></td>
```

```
</tr>
<?php $cnt=$cnt+1;} ?>
</table>

<p align="center">
 <button class="btn btn-primary waves-effect waves-light w-lg" data-toggle="modal" data-target="#myModal">Add Medical History</button></p>

<?php  ?>
<div class="modal fade" id="myModal" tabindex="-1" role="dialog" aria-labelledby="exampleModalLabel" aria-hidden="true">
  <div class="modal-dialog" role="document">
    <div class="modal-content">
     <div class="modal-header">
       <h5 class="modal-title" id="exampleModalLabel">Add Medical History</h5>
                                <button type="button" class="close" data-dismiss="modal" aria-label="Close">
                                        <span aria-hidden="true">&times;</span>
                                    </button>
                                </div>
                                <div class="modal-body">
                               <table class="table table-bordered table-hover data-tables">

                        <form method="post" name="submit">

     <tr>
```

```
  <th>Blood Pressure :</th>
  <td>
    <input name="bp" placeholder="Blood Pressure" class="form-control wd-450" required="true"></td>
 </tr>
  <tr>
  <th>Blood Sugar :</th>
  <td>
     <input name="bs" placeholder="Blood Sugar" class="form-control wd-450" required="true"></td>
 </tr>
 <tr>
  <th>Weight :</th>
  <td>
      <input name="weight" placeholder="Weight" class="form-control wd-450" required="true"></td>
 </tr>
 <tr>
  <th>Body Temprature :</th>
  <td>
    <input name="temp" placeholder="Blood Sugar" class="form-control wd-450" required="true"></td>
 </tr>

  <tr>
  <th>Prescription :</th>
  <td>
```

```
      <textarea name="pres" placeholder="Medical Prescription" rows="12" cols="14" class="form-control wd-450" required="true"></textarea></td>
  </tr>

</table>
</div>
<div class="modal-footer">
            <button type="button" class="btn btn-secondary" data-dismiss="modal">Close</button>
 <button type="submit" name="submit" class="btn btn-primary">Submit</button>

  </form>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
    <!-- start: FOOTER -->
  <?php include('include/footer.php');?>
    <!-- end: FOOTER -->

    <!-- start: SETTINGS -->
  <?php include('include/setting.php');?>
```

```
    <!-- end: SETTINGS -->
  </div>
  <!-- start: MAIN JAVASCRIPTS -->
  <script src="vendor/jquery/jquery.min.js"></script>
  <script src="vendor/bootstrap/js/bootstrap.min.js"></script>
  <script src="vendor/modernizr/modernizr.js"></script>
  <script src="vendor/jquery-cookie/jquery.cookie.js"></script>
  <script src="vendor/perfect-scrollbar/perfect-scrollbar.min.js"></script>
  <script src="vendor/switchery/switchery.min.js"></script>
  <!-- end: MAIN JAVASCRIPTS -->
  <!-- start: JAVASCRIPTS REQUIRED FOR THIS PAGE ONLY -->
  <script src="vendor/maskedinput/jquery.maskedinput.min.js"></script>
<script
src="vendor/bootstrap-touchspin/jquery.bootstrap-touchspin.min.js"></script>
  <script src="vendor/autosize/autosize.min.js"></script>
  <script src="vendor/selectFx/classie.js"></script>
  <script src="vendor/selectFx/selectFx.js"></script>
  <script src="vendor/select2/select2.min.js"></script>
  <script src="vendor/bootstrap-datepicker/bootstrap-datepicker.min.js"></script>
  <script src="vendor/bootstrap-timepicker/bootstrap-timepicker.min.js"></script>
  <!-- end: JAVASCRIPTS REQUIRED FOR THIS PAGE ONLY -->
  <!-- start: CLIP-TWO JAVASCRIPTS -->
  <script src="assets/js/main.js"></script>
  <!-- start: JavaScript Event Handlers for this page -->
  <script src="assets/js/form-elements.js"></script>
```

```
    <script>
      jQuery(document).ready(function() {
        Main.init();
        FormElements.init();
      });
    </script>
    <!-- end: JavaScript Event Handlers for this page -->
    <!-- end: CLIP-TWO JAVASCRIPTS -->
  </body>
</html>
<?php }  ?>
```

add-patient.php

```
<?php
session_start();
error_reporting(0);
include('include/config.php');
if(strlen($_SESSION['id']==0)) {
 header('location:logout.php');
  } else{

if (isset($_POST['submit'])) {
    $docid = $_SESSION['id'];
```

```
    $patname = $_POST['patname'];
    $patcontact = $_POST['patcontact'];
    $patemail = $_POST['patemail'];
    $gender = $_POST['gender'];
    $pataddress = $_POST['pataddress'];
    $patage = $_POST['patage'];
    $medhis = $_POST['medhis'];

    // Server-side validations
    if (!preg_match("/^[a-zA-Z\s]+$/", $patname)) {
                echo "<script>alert('Invalid patient name. Only letters and spaces allowed.');</script>";
    } elseif (!preg_match("/^[6-9][0-9]{9}$/", $patcontact)) {
            echo "<script>alert('Invalid contact number. Must start with 6–9 and be 10 digits.');</script>";
    } elseif (!is_numeric($patage) || $patage <= 0 || $patage >= 110) {
        echo "<script>alert('Invalid age. Must be between 1 and 109.');</script>";
    } elseif (!preg_match("/^[a-zA-Z\s]+$/", $medhis)) {
                echo "<script>alert('Medical history can only contain letters and spaces.');</script>";
    } else {
                                $sql = mysqli_query($con, "INSERT INTO tblpatient(Docid,PatientName,PatientContno,PatientEmail,PatientGender,PatientAdd,PatientAge,PatientMedhis)
```

```
VALUES('$docid','$patname','$patcontact','$patemail','$gender','$pataddress','$patage'
,'$medhis')");
        if ($sql) {
            echo "<script>alert('Patient info added Successfully');</script>";
            echo "<script>window.location.href ='manage-patient.php'</script>";
        }
    }
}
?>
<!DOCTYPE html>
<html lang="en">
        <head>
                <title>Doctor | Add Patient</title>

                <link
href="http://fonts.googleapis.com/css?family=Lato:300,400,400italic,600,700|Ralew
ay:300,400,500,600,700|Crete+Round:400italic" rel="stylesheet" type="text/css" />
<link rel="stylesheet" href="vendor/bootstrap/css/bootstrap.min.css">
<link rel="stylesheet" href="vendor/fontawesome/css/font-awesome.min.css">
<link rel="stylesheet" href="vendor/themify-icons/themify-icons.min.css">
<link href="vendor/animate.css/animate.min.css" rel="stylesheet" media="screen">
    <link   href="vendor/perfect-scrollbar/perfect-scrollbar.min.css"   rel="stylesheet"
media="screen">
<link href="vendor/switchery/switchery.min.css" rel="stylesheet" media="screen">
```

```
        <link  href="vendor/bootstrap-touchspin/jquery.bootstrap-touchspin.min.css"
rel="stylesheet" media="screen">
<link href="vendor/select2/select2.min.css" rel="stylesheet" media="screen">
<link href="vendor/bootstrap-datepicker/bootstrap-datepicker3.standalone.min.css"
rel="stylesheet" media="screen">
                <link   href="vendor/bootstrap-timepicker/bootstrap-timepicker.min.css"
rel="stylesheet" media="screen">
                 <link rel="stylesheet" href="assets/css/styles.css">
                 <link rel="stylesheet" href="assets/css/plugins.css">
        <link rel="stylesheet" href="assets/css/themes/theme-1.css" id="skin_color" />


        <script>
function userAvailability() {
$("#loaderIcon").show();
jQuery.ajax({
url: "check_availability.php",
data:'email='+$("#patemail").val(),
type: "POST",
success:function(data){
$("#user-availability-status1").html(data);
$("#loaderIcon").hide();
},
error:function (){}
});
```

```
}
</script>
        </head>
        <body>
                <div id="app">
<?php include('include/sidebar.php');?>
<div class="app-content">
<?php include('include/header.php');?>

<div class="main-content" >
<div class="wrap-content container" id="container">
                                                <!-- start: PAGE TITLE -->
<section id="page-title">
<div class="row">
<div class="col-sm-8">
<h1 class="mainTitle">Patient | Add Patient</h1>
</div>
<ol class="breadcrumb">
<li>
<span>Patient</span>
</li>
<li class="active">
<span>Add Patient</span>
```

```
</li>
</ol>
</div>
</section>
<div class="container-fluid container-fullw bg-white">
<div class="row">
<div class="col-md-12">
<div class="row margin-top-30">
<div class="col-lg-8 col-md-12">
<div class="panel panel-white">
<div class="panel-heading">
<h5 class="panel-title">Add Patient</h5>
</div>
<div class="panel-body">
<form role="form" name="" method="post">

<div class="form-group">
<label for="doctorname">
Patient Name
</label>
<input type="text" id="patname" name="patname" class="form-control" placeholder="Enter Patient Name" required="true">
</div>
<div class="form-group">
```

```
<label for="fess">
 Patient Contact no
</label>
<input type="text" id="patcontact" name="patcontact" class="form-control" placeholder="Enter Patient Contact no" required="true" maxlength="10" pattern="[0-9]+">
</div>
<div class="form-group">
<label for="fess">
Patient Email
</label>
<input type="email" id="patemail" name="patemail" class="form-control" placeholder="Enter Patient Email id" required="true" onBlur="userAvailability()">
<span id="user-availability-status1" style="font-size:12px;"></span>
</div>
<div class="form-group">
<label class="block">
Gender
</label>
<div class="clip-radio radio-primary">
<input type="radio" id="rg-female" name="gender" value="female" >
<label for="rg-female">
Female
</label>
```

```
<input type="radio" id="rg-male" name="gender" value="male">
<label for="rg-male">
Male
</label>
</div>
</div>
<div class="form-group">
<label for="address">
Patient Address
</label>
<textarea name="pataddress" id="pataddress" class="form-control" placeholder="Enter Patient Address" required="true"></textarea>
</div>
<div class="form-group">
<label for="fess">
 Patient Age
</label>
<input type="text" id="patage" name="patage" class="form-control" placeholder="Enter Patient Age" required="true">
</div>
<div class="form-group">
<label for="fess">
 Medical History
</label>
```

```
<textarea type="text" id="medhis" name="medhis" class="form-control" placeholder="Enter Patient Medical History(if any)" required="true"></textarea>
</div>

<button type="submit" name="submit" id="submit" class="btn btn-0 btn-primary">
Add
</button>
</form>
</div>
</div>
</div>
</div>
</div>
<div class="col-lg-12 col-md-12">
<div class="panel panel-white">
</div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
```

```
                    <!-- start: FOOTER -->
<?php include('include/footer.php');?>
                    <!-- end: FOOTER -->

                    <!-- start: SETTINGS -->
<?php include('include/setting.php');?>

                    <!-- end: SETTINGS -->
                </div>
                <!-- start: MAIN JAVASCRIPTS -->
                <script src="vendor/jquery/jquery.min.js"></script>
                <script src="vendor/bootstrap/js/bootstrap.min.js"></script>
                <script src="vendor/modernizr/modernizr.js"></script>
                <script src="vendor/jquery-cookie/jquery.cookie.js"></script>
                <script src="vendor/perfect-scrollbar/perfect-scrollbar.min.js"></script>
                <script src="vendor/switchery/switchery.min.js"></script>
                <!-- end: MAIN JAVASCRIPTS -->
                <!-- start: JAVASCRIPTS REQUIRED FOR THIS PAGE ONLY -->
                <script src="vendor/maskedinput/jquery.maskedinput.min.js"></script>
                <script
src="vendor/bootstrap-touchspin/jquery.bootstrap-touchspin.min.js"></script>
                <script src="vendor/autosize/autosize.min.js"></script>
                <script src="vendor/selectFx/classie.js"></script>
                <script src="vendor/selectFx/selectFx.js"></script>
```

```
		<script src="vendor/select2/select2.min.js"></script>
		<script
src="vendor/bootstrap-datepicker/bootstrap-datepicker.min.js"></script>
		<script
src="vendor/bootstrap-timepicker/bootstrap-timepicker.min.js"></script>
		<!-- end: JAVASCRIPTS REQUIRED FOR THIS PAGE ONLY -->
		<!-- start: CLIP-TWO JAVASCRIPTS -->
		<script src="assets/js/main.js"></script>
		<!-- start: JavaScript Event Handlers for this page -->
		<script src="assets/js/form-elements.js"></script>
		<script>
			jQuery(document).ready(function() {
				Main.init();
				FormElements.init();
			});
		</script>
		<script>
	document.addEventListener('DOMContentLoaded', function () {
	console.log("Validation script is running!");

	const patname = document.getElementById('patname');
	patname.addEventListener('input', function () {
	   const cleaned = this.value.replace(/[^a-zA-Z\s]/g, '');
	   if (this.value !== cleaned) {
```

```
            alert("Patient name can only contain letters and spaces.");
            this.value = cleaned;
        }
    });

    const patcontact = document.getElementById('patcontact');
    patcontact.addEventListener('input', function () {
        this.value = this.value.replace(/[^0-9]/g, '');
        if (this.value.length > 10) {
            alert("Contact number cannot exceed 10 digits.");
            this.value = this.value.slice(0, 10);
        }
    });
    patcontact.addEventListener('blur', function () {
        if (this.value.length !== 10) {
            alert("Contact number must be exactly 10 digits.");
        } else if (!/^[6-9]/.test(this.value)) {
            alert("Contact number must start with 6, 7, 8, or 9.");
        }
    });
    // Doctor Fees: Only digits
document.getElementById('patage').addEventListener('keydown', function (e) {
    const key = e.key;
```

```
                    if (!/^\d$/.test(key) && !['Backspace', 'Tab', 'ArrowLeft', 'ArrowRight'].includes(key)) {
            e.preventDefault();
                        this.value = this.value.replace(/[^0-9]/g, '');
             alert("Only digits are allowed in Patient Age. Age must be a number between 1 and 109.");
        }
    });


    const pataddress = document.getElementById('pataddress');

    pataddress.addEventListener('blur', function () {
        const val = this.value.trim();
        const allowedChars = /^[a-zA-Z0-9\s,./-]{3,}$/; // Allowed characters
        const containsLetter = /[a-zA-Z]/; // Must have at least one letter

        if (val.length < 3 || !allowedChars.test(val) || !containsLetter.test(val)) {
             alert("Patient address must be at least 3 characters long, contain only valid characters, and include at least one alphabet letter.");
            setTimeout(() => {
               this.focus();
            }, 0);
```

```
        }
    });
});

    </script>


                <!-- end: JavaScript Event Handlers for this page -->
                <!-- end: CLIP-TWO JAVASCRIPTS -->
        </body>
</html>
<?php } ?>
```

Source Code of Patient Module

```
<?php
session_start();
//error_reporting(0);
include('include/config.php');
include('include/checklogin.php');
check_login();

?>
<!DOCTYPE html>
```

```
<html lang="en">
   <head>
      <title>User  | Dashboard</title>

                                                                                  <link
href="http://fonts.googleapis.com/css?family=Lato:300,400,400italic,600,700|Ralew
ay:300,400,500,600,700|Crete+Round:400italic" rel="stylesheet" type="text/css" />
      <link rel="stylesheet" href="vendor/bootstrap/css/bootstrap.min.css">
      <link rel="stylesheet" href="vendor/fontawesome/css/font-awesome.min.css">
      <link rel="stylesheet" href="vendor/themify-icons/themify-icons.min.css">
                  <link   href="vendor/animate.css/animate.min.css"   rel="stylesheet"
media="screen">
       <link href="vendor/perfect-scrollbar/perfect-scrollbar.min.css" rel="stylesheet"
media="screen">
                   <link   href="vendor/switchery/switchery.min.css"   rel="stylesheet"
media="screen">
        <link href="vendor/bootstrap-touchspin/jquery.bootstrap-touchspin.min.css"
rel="stylesheet" media="screen">
      <link href="vendor/select2/select2.min.css" rel="stylesheet" media="screen">
<link href="vendor/bootstrap-datepicker/bootstrap-datepicker3.standalone.min.css"
rel="stylesheet" media="screen">
            <link  href="vendor/bootstrap-timepicker/bootstrap-timepicker.min.css"
rel="stylesheet" media="screen">
      <link rel="stylesheet" href="assets/css/styles.css">
      <link rel="stylesheet" href="assets/css/plugins.css">
      <link rel="stylesheet" href="assets/css/themes/theme-1.css" id="skin_color" />
```

```
    </head>
    <body>
        <div id="app">
<?php include('include/sidebar.php');?>
            <div class="app-content">

                    <?php include('include/header.php');?>

            <!-- end: TOP NAVBAR -->
            <div class="main-content" >
                <div class="wrap-content container" id="container">
                    <!-- start: PAGE TITLE -->
                    <section id="page-title">
                        <div class="row">
                            <div class="col-sm-8">
                                <h1 class="mainTitle">User | Dashboard</h1>
                                                    </div>
                            <ol class="breadcrumb">
                                <li>
                                    <span>User</span>
                                </li>
                                <li class="active">
                                    <span>Dashboard</span>
                                </li>
                            </ol>
```

```
                </div>
            </section>
            <!-- end: PAGE TITLE -->
            <!-- start: BASIC EXAMPLE -->
                <div class="container-fluid container-fullw bg-white">
                <div class="row">
                    <div class="col-sm-4">
                        <div class="panel panel-white no-radius text-center">
                            <div class="panel-body">
                                    <span class="fa-stack fa-2x"> <i class="fa fa-square fa-stack-2x text-primary"></i> <i class="fa fa-smile-o fa-stack-1x fa-inverse"></i> </span>
                                <h2 class="StepTitle">My Profile</h2>

                                <p class="links cl-effect-1">
                                    <a href="edit-profile.php">
                                        Update Profile
                                    </a>
                                </p>
                            </div>
                        </div>
                    </div>
                    <div class="col-sm-4">
                        <div class="panel panel-white no-radius text-center">
                            <div class="panel-body">
                                    <span class="fa-stack fa-2x"> <i class="fa fa-square
```

```
fa-stack-2x text-primary"></i> <i class="fa fa-paperclip fa-stack-1x fa-inverse"></i>
</span>
                                <h2 class="StepTitle">My Appointments</h2>

                                <p class="cl-effect-1">
                                    <a href="appointment-history.php">
                                        View Appointment History
                                    </a>
                                </p>
                            </div>
                        </div>
                    </div>
                    <div class="col-sm-4">
                        <div class="panel panel-white no-radius text-center">
                            <div class="panel-body">
                                    <span class="fa-stack fa-2x"> <i class="fa fa-square
fa-stack-2x text-primary"></i> <i class="fa fa-terminal fa-stack-1x fa-inverse"></i>
</span>
                                <h2 class="StepTitle"> Book My Appointment</h2>

                                <p class="links cl-effect-1">
                                    <a href="book-appointment.php">
                                        Book Appointment
                                    </a>
                                </p>
                            </div>
```

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

        <!-- end: SELECT BOXES -->

    </div>
</div>
</div>
<!-- start: FOOTER -->
<?php include('include/footer.php');?>
<!-- end: FOOTER -->

<!-- start: SETTINGS -->
<?php include('include/setting.php');?>
<>
<!-- end: SETTINGS -->
</div>
<!-- start: MAIN JAVASCRIPTS -->
<script src="vendor/jquery/jquery.min.js"></script>
<script src="vendor/bootstrap/js/bootstrap.min.js"></script>
<script src="vendor/modernizr/modernizr.js"></script>
<script src="vendor/jquery-cookie/jquery.cookie.js"></script>
<script src="vendor/perfect-scrollbar/perfect-scrollbar.min.js"></script>
<script src="vendor/switchery/switchery.min.js"></script>
```

```
        <!-- end: MAIN JAVASCRIPTS -->
        <!-- start: JAVASCRIPTS REQUIRED FOR THIS PAGE ONLY -->
         <script src="vendor/maskedinput/jquery.maskedinput.min.js"></script><script
src="vendor/bootstrap-touchspin/jquery.bootstrap-touchspin.min.js"></script>
        <script src="vendor/autosize/autosize.min.js"></script>
        <script src="vendor/selectFx/classie.js"></script>
        <script src="vendor/selectFx/selectFx.js"></script>
        <script src="vendor/select2/select2.min.js"></script>
      <script src="vendor/bootstrap-datepicker/bootstrap-datepicker.min.js"></script>
     <script src="vendor/bootstrap-timepicker/bootstrap-timepicker.min.js"></script>
        <!-- end: JAVASCRIPTS REQUIRED FOR THIS PAGE ONLY -->
        <!-- start: CLIP-TWO JAVASCRIPTS -->
        <script src="assets/js/main.js"></script>
        <!-- start: JavaScript Event Handlers for this page -->
        <script src="assets/js/form-elements.js"></script>
        <script>
            jQuery(document).ready(function() {
                Main.init();
                FormElements.init();
            });
        </script>
        <!-- end: JavaScript Event Handlers for this page -->
        <!-- end: CLIP-TWO JAVASCRIPTS -->
    </body>
</html>
```

registration.php

```
<?php
include_once('include/config.php');
if(isset($_POST['submit']))
{
$fname=trim($_POST['full_name']);
$address=trim($_POST['address']);
$city=trim($_POST['city']);
$gender=$_POST['gender'];
$email=$_POST['email'];
$password=md5($_POST['password']);
$errors = [];
if (!preg_match("/^[a-zA-Z\s]+$/", $fname)) {
    $errors[] = "Name can only contain letters and spaces.";
}

if (!preg_match("/^[a-zA-Z\s]+$/", $city)) {
    $errors[] = "City can only contain letters and spaces.";
}

if (!filter_var($email, FILTER_VALIDATE_EMAIL)) {
    $errors[] = "Invalid email format.";
```

```
}

$query=mysqli_query($con,"insertinto
users(fullname,address,city,gender,email,password)
values('$fname','$address','$city','$gender','$email','$password')");
if($query)
{
        echo "<script>alert('Successfully Registered. You can login now');</script>";
        //header('location:user-login.php');
}
}
?>


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

        <head>
                <title>User Registration</title>

                <link
href="http://fonts.googleapis.com/css?family=Lato:300,400,400italic,600,700|Ralew
ay:300,400,500,600,700|Crete+Round:400italic" rel="stylesheet" type="text/css" />
<link rel="stylesheet" href="vendor/bootstrap/css/bootstrap.min.css">
```

```
<link rel="stylesheet" href="vendor/fontawesome/css/font-awesome.min.css">
<link rel="stylesheet" href="vendor/themify-icons/themify-icons.min.css">
<link href="vendor/animate.css/animate.min.css" rel="stylesheet" media="screen">
<link href="vendor/perfect-scrollbar/perfect-scrollbar.min.css" rel="stylesheet" media="screen">
<link href="vendor/switchery/switchery.min.css" rel="stylesheet" media="screen">
<link rel="stylesheet" href="assets/css/styles.css">
<link rel="stylesheet" href="assets/css/plugins.css">
<link rel="stylesheet" href="assets/css/themes/theme-1.css" id="skin_color" />

<script type="text/javascript">
function valid()
{
if(document.registration.password.value!=
document.registration.password_again.value)
{
alert("Password and Confirm Password Field do not match  !!");
document.registration.password_again.focus();
return false;
}
return true;
}
</script>
```

```
</head>

<body class="login">
<!-- start: REGISTRATION -->
<div class="row">
<div class="main-login col-xs-10 col-xs-offset-1 col-sm-8 col-sm-offset-2 col-md-4 col-md-offset-4">
<div class="logo margin-top-30">
<a href="../index.php"><h2>HMS | Patient Registration</h2></a>
</div>
<!-- start: REGISTER BOX -->
<div class="box-register">
<form name="registration" id="registration" method="post" onSubmit="return valid();">
<fieldset>
<legend>Sign Up
</legend>
<p>Enter your personal details below:</p>
<div class="form-group"> <input type="text" class="form-control" id="full_name" name="full_name" placeholder="Full Name" required>
</div>
<div class="form-group">
<input type="text" class="form-control" name="address" id="address"
```

```
placeholder="Address" required>
</div>
<div class="form-group">
<input type="text" class="form-control" id="city" name="city" placeholder="City" required>
</div>
<div class="form-group">
<label class="block">Gender</label>
<div class="clip-radio radio-primary">
<input type="radio" id="rg-female" name="gender" value="female" >
<label for="rg-female">Female</label>
<input type="radio" id="rg-male" name="gender" value="male">
<label for="rg-male">Male</label></div>
</div>
        <p>Enter your account details below:</p>
        <div class="form-group">
        <span class="input-icon">
        <input type="email" class="form-control" id="email"name="email" id="email" onBlur="userAvailability()"  placeholder="Email" required>
        <i class="fa fa-envelope"></i> </span>
        <span id="user-availability-status1" style="font-size:12px;"></span>
</div>
<div class="form-group">
<span class="input-icon">
```

```
<input type="password" class="form-control" id="password" name="password" placeholder="Password" required>
<i class="fa fa-lock"></i> </span>
</div>
<div class="form-group">
<span class="input-icon">
<input type="password" class="form-control" id="password_again" name="password_again" placeholder="Password Again" required>
<i class="fa fa-lock"></i> </span>
</div>
<div class="form-group">
<div class="checkbox clip-check check-primary">
<input type="checkbox" id="agree" value="agree" checked="true" readonly=" true">
<label for="agree">I agree</label>
</div>
</div>
<div class="form-actions">
        <p>Already have an account?
        <a href="user-login.php">Log-in</a>
        </p>
        <button type="submit" class="btn btn-primary pull-right" id="submit" name="submit">
        Submit <i class="fa fa-arrow-circle-right"></i>
        </button>
```

```
</div>
</fieldset>
</form>
<div class="copyright">&copy; <span class="current-year"></span><span class="text-bold text-uppercase"> HMS</span>.  <span>All rights reserved</span>
</div>
</div
</div>
</div>
<script src="vendor/jquery/jquery.min.js"></script>
<script src="vendor/bootstrap/js/bootstrap.min.js"></script>
<script src="vendor/modernizr/modernizr.js"></script>
<script src="vendor/jquery-cookie/jquery.cookie.js"></script>
<script src="vendor/perfect-scrollbar/perfect-scrollbar.min.js"></script>
<script src="vendor/switchery/switchery.min.js"></script>
<script src="vendor/jquery-validation/jquery.validate.min.js"></script>
<script src="assets/js/main.js"></script>
<script src="assets/js/login.js"></script>
<script>
    jQuery(document).ready(function() {
        Main.init();
        Login.init();
    });
</script>
```

```
        <script>
function userAvailability() {
$("#loaderIcon").show();
jQuery.ajax({
url: "check_availability.php",
data:'email='+$("#email").val(),
type: "POST",
success:function(data){
$("#user-availability-status1").html(data);
$("#loaderIcon").hide();
},
error:function (){}
});
}
</script>
<script>
document.addEventListener('DOMContentLoaded', function () {
    // Full Name: Only letters and spaces
    const fullName = document.getElementById('full_name');
    fullName.addEventListener('input', function () {
        const val = this.value;
        if (/[^a-zA-Z\s]/.test(val)) {
```

```
        alert("Only letters and spaces are allowed in Full Name.");
        this.value = val.replace(/[^a-zA-Z\s]/g, '');
    }
});

// City: Only letters and spaces
const city = document.getElementById('city');
city.addEventListener('input', function () {
    const val = this.value;
    if (/[^a-zA-Z\s]/.test(val)) {
        alert("Only letters and spaces are allowed in City.");
        this.value = val.replace(/[^a-zA-Z\s]/g, '');
    }
});

       const emailField = document.getElementById('email');
emailField.addEventListener('blur', function () {
    const emailValue = this.value.trim();
    const emailPattern = /^[a-zA-Z0-9._%+-]+@[a-z0-9.-]+\.[a-z]{2,}$/i;

    if (emailValue !== '' && !emailPattern.test(emailValue)) {
        alert("Please enter a valid email address.");
```

```
        }
    });

        const address = document.getElementById('address');

    address.addEventListener('blur', function () {
        const val = this.value.trim();
        const allowedChars = /^[a-zA-Z0-9\s,./-]{3,}$/; // Allowed characters
        const containsLetter = /[a-zA-Z]/; // Must have at least one letter

        if (val.length < 3 || !allowedChars.test(val) || !containsLetter.test(val)) {
            alert("Patient Address must be at least 3 characters long, contain only valid characters, and include at least one alphabet letter.");
            setTimeout(() => {
                this.focus();
            }, 0);

        }
    });

});
</script>
```

```
        </body>
        <!-- end: BODY -->
</html>
```

book-appointment.php

```
<?php
session_start();
//error_reporting(0);
include('include/config.php');
include('include/checklogin.php');
check_login();

if(isset($_POST['submit']))
{

$specilization=$_POST['Doctorspecialization'];
$doctorid=$_POST['doctor'];
$userid=$_SESSION['id'];
$fees=$_POST['fees'];
$appdate=$_POST['appdate'];
$time=$_POST['apptime'];
$userstatus=1;
$docstatus=1;
$query=mysqli_query($con,"insert
intoappointment(doctorSpecialization,doctorId,userId,consultancyFees,appointmen
```

```
tDate,appointmentTime,userStatus,doctorStatus)
values('$specilization','$doctorid','$userid','$fees','$appdate','$time','$userstatus','$doc
status')");
   if($query)
   {
      echo "<script>alert('Your appointment successfully booked');</script>";
   }

}
?>
<!DOCTYPE html>
<html lang="en">
   <head>
      <title>User  | Book Appointment</title>

<link
href="http://fonts.googleapis.com/css?family=Lato:300,400,400italic,600,700|Ralew
ay:300,400,500,600,700|Crete+Round:400italic" rel="stylesheet" type="text/css" />
      <link rel="stylesheet" href="vendor/bootstrap/css/bootstrap.min.css">
      <link rel="stylesheet" href="vendor/fontawesome/css/font-awesome.min.css">
      <link rel="stylesheet" href="vendor/themify-icons/themify-icons.min.css">
                  <link   href="vendor/animate.css/animate.min.css"   rel="stylesheet"
media="screen">
       <link href="vendor/perfect-scrollbar/perfect-scrollbar.min.css" rel="stylesheet"
media="screen">
                   <link   href="vendor/switchery/switchery.min.css"   rel="stylesheet"
media="screen">
```

```
        <link href="vendor/bootstrap-touchspin/jquery.bootstrap-touchspin.min.css" rel="stylesheet" media="screen">
        <link href="vendor/select2/select2.min.css" rel="stylesheet" media="screen">
<link href="vendor/bootstrap-datepicker/bootstrap-datepicker3.standalone.min.css" rel="stylesheet" media="screen">
                <link  href="vendor/bootstrap-timepicker/bootstrap-timepicker.min.css" rel="stylesheet" media="screen">
        <link rel="stylesheet" href="assets/css/styles.css">
        <link rel="stylesheet" href="assets/css/plugins.css">
        <link rel="stylesheet" href="assets/css/themes/theme-1.css" id="skin_color" />
        <script>
function getdoctor(val) {
    $.ajax({
    type: "POST",
    url: "get_doctor.php",
    data:'specilizationid='+val,
    success: function(data){
        $("#doctor").html(data);
    }
    });
}
</script>


<script>
function getfee(val) {
```

```
    $.ajax({
    type: "POST",
    url: "get_doctor.php",
    data:'doctor='+val,
    success: function(data){
        $("#fees").html(data);
    }
    });
}
</script>



    </head>
    <body>
<div id="app">
<?php include('include/sidebar.php');?>
<div class="app-content">
<?php include('include/header.php');?>
    <!-- end: TOP NAVBAR -->
    <div class="main-content" >
    <div class="wrap-content container" id="container">
    <!-- start: PAGE TITLE -->
    <section id="page-title">
        <div class="row">
```

```
            <div class="col-sm-8">
                <h1 class="mainTitle">User | Book Appointment</h1>
            </div>
            <ol class="breadcrumb">
                <li>
                    <span>User</span>
                </li>
            <li class="active">
                <span>Book Appointment</span>
            </li>
            </ol>
            </section>
    <!-- end: PAGE TITLE -->
    <!-- start: BASIC EXAMPLE -->
    <div class="container-fluid container-fullw bg-white">
    <div class="row">
        <div class="col-md-12">
        <div class="row margin-top-30">
        <div class="col-lg-8 col-md-12">
        <div class="panel panel-white">
        <div class="panel-heading">
        <h5 class="panel-title">Book Appointment</h5>
        </div>
        <div class="panel-body">
        <p style="color:red;"><?php echo htmlentities($_SESSION['msg1']);?>
<?php echo htmlentities($_SESSION['msg1']="");?></p>
```

```
<form role="form" name="book" method="post" >
<div class="form-group">
   <label for="DoctorSpecialization">
      Doctor Specialization
   </label>
                        <select       name="Doctorspecialization"       class="form-control"
onChange="getdoctor(this.value);" required="required">
   <option value="">Select Specialization</option>
<?php $ret=mysqli_query($con,"select * from doctorspecilization");
while($row=mysqli_fetch_array($ret))
{
?>
<option value="<?php echo htmlentities($row['specilization']);?>">
<?php echo htmlentities($row['specilization']);?>
</option>
<?php } ?>
</select>
</div>
<div class="form-group">
   <label for="doctor">
      Doctors
   </label>
                      <select       name="doctor"       class="form-control"       id="doctor"
onChange="getfee(this.value);" required="required">
   <option value="">Select Doctor</option>
   </select>
```

```
</div>
   <div class="form-group">
      <label for="consultancyfees">
         Consultancy Fees
      </label>
   <select name="fees" class="form-control" id="fees"  readonly>
   </select>
</div>

<div class="form-group">
   <label for="AppointmentDate">
      Date
   </label>
<input class="form-control datepicker" name="appdate"  required="required" data-date-format="yyyy-mm-dd">

</div>

<div class="form-group">
<label for="Appointmenttime">
   Time
</label>
                <input class="form-control" name="apptime" id="timepicker1" required="required">eg : 10:00 PM
</div>
```

```
    <button type="submit" name="submit" class="btn btn-o btn-primary">
       Submit
    </button>
    </form>
    </div>
</div>
</div>
</div>
        </div>

        </div>
        </div>

      </div>
    </div>
</div>
            <!-- start: FOOTER -->
    <?php include('include/footer.php');?>
            <!-- end: FOOTER -->

            <!-- start: SETTINGS -->
    <?php include('include/setting.php');?>

            <!-- end: SETTINGS -->
        </div>
        <!-- start: MAIN JAVASCRIPTS -->
```

```
        <script src="vendor/jquery/jquery.min.js"></script>
        <script src="vendor/bootstrap/js/bootstrap.min.js"></script>
        <script src="vendor/modernizr/modernizr.js"></script>
        <script src="vendor/jquery-cookie/jquery.cookie.js"></script>
        <script src="vendor/perfect-scrollbar/perfect-scrollbar.min.js"></script>
        <script src="vendor/switchery/switchery.min.js"></script>
        <!-- end: MAIN JAVASCRIPTS -->
        <!-- start: JAVASCRIPTS REQUIRED FOR THIS PAGE ONLY -->
        <script src="vendor/maskedinput/jquery.maskedinput.min.js"></script>
                                                                        <script
src="vendor/bootstrap-touchspin/jquery.bootstrap-touchspin.min.js"></script>
        <script src="vendor/autosize/autosize.min.js"></script>
        <script src="vendor/selectFx/classie.js"></script>
        <script src="vendor/selectFx/selectFx.js"></script>
        <script src="vendor/select2/select2.min.js"></script>
                                                                        <script
src="vendor/bootstrap-datepicker/bootstrap-datepicker.min.js"></script>
                                                                        <script
src="vendor/bootstrap-timepicker/bootstrap-timepicker.min.js"></script>
        <!-- end: JAVASCRIPTS REQUIRED FOR THIS PAGE ONLY -->
        <!-- start: CLIP-TWO JAVASCRIPTS -->
        <script src="assets/js/main.js"></script>
        <!-- start: JavaScript Event Handlers for this page -->
        <script src="assets/js/form-elements.js"></script>
        <script>
            jQuery(document).ready(function() {
```

```
            Main.init();
            FormElements.init();
        });

        $('.datepicker').datepicker({
   format: 'yyyy-mm-dd',
   startDate: '-3d'
});
      </script>
       <script type="text/javascript">
        $('#timepicker1').timepicker();
      </script>
      <!-- end: JavaScript Event Handlers for this page -->
      <!-- end: CLIP-TWO JAVASCRIPTS -->

<script
src="http://ajax.googleapis.com/ajax/libs/jquery/1.8.0/jquery.min.js"></script>

   </body>
</html>
```

view-medhistory.php

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

```
include('include/config.php');
include('include/checklogin.php');
check_login();
if(isset($_POST['submit']))
 {

   $vid=$_GET['viewid'];
   $bp=$_POST['bp'];
   $bs=$_POST['bs'];
   $weight=$_POST['weight'];
   $temp=$_POST['temp'];
pres=$_POST['pres'];$query.=mysqli_query($con,"insert
tblmedicalhistory(PatientID,BloodPressure,BloodSugar,Weight,Temperature,Medica
lPres)value('$vid','$bp','$bs','$weight','$temp','$pres')");
   if ($query) {
   echo '<script>alert("Medicle history has been added.")</script>';
   echo "<script>window.location.href ='manage-patient.php'</script>";
 }
 else
   {
     echo '<script>alert("Something Went Wrong. Please try again")</script>';
   }


}
```

```
?>
<!DOCTYPE html>
<html lang="en">
   <head>
      <title>Users | Medical History</title>

<link
href="http://fonts.googleapis.com/css?family=Lato:300,400,400italic,600,700|Ralew
ay:300,400,500,600,700|Crete+Round:400italic" rel="stylesheet" type="text/css" />
      <link rel="stylesheet" href="vendor/bootstrap/css/bootstrap.min.css">
      <link rel="stylesheet" href="vendor/fontawesome/css/font-awesome.min.css">
      <link rel="stylesheet" href="vendor/themify-icons/themify-icons.min.css">
                  <link   href="vendor/animate.css/animate.min.css"   rel="stylesheet"
media="screen">
       <link href="vendor/perfect-scrollbar/perfect-scrollbar.min.css" rel="stylesheet"
media="screen">
                   <link   href="vendor/switchery/switchery.min.css"   rel="stylesheet"
media="screen">
         <link href="vendor/bootstrap-touchspin/jquery.bootstrap-touchspin.min.css"
rel="stylesheet" media="screen">
      <link href="vendor/select2/select2.min.css" rel="stylesheet" media="screen">
<link href="vendor/bootstrap-datepicker/bootstrap-datepicker3.standalone.min.css"
rel="stylesheet" media="screen">
               <link  href="vendor/bootstrap-timepicker/bootstrap-timepicker.min.css"
rel="stylesheet" media="screen">
      <link rel="stylesheet" href="assets/css/styles.css">
      <link rel="stylesheet" href="assets/css/plugins.css">
```

```
        <link rel="stylesheet" href="assets/css/themes/theme-1.css" id="skin_color" />
    </head>
    <body>
        <div id="app">
<?php include('include/sidebar.php');?>
<div class="app-content">
<?php include('include/header.php');?>
<div class="main-content" >
<div class="wrap-content container" id="container">
                    <!-- start: PAGE TITLE -->
<section id="page-title">
<div class="row">
<div class="col-sm-8">
<h1 class="mainTitle">Users | Medical History</h1>
</div>
<ol class="breadcrumb">
<li>
<span>Users</span>
</li>
<li class="active">
<span>Medical History</span>
</li>
</ol>
</div>
</section>
<div class="container-fluid container-fullw bg-white">
```

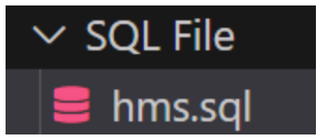
```
<div class="row">
<div class="col-md-12">
<h5 class="over-title margin-bottom-15">Users <span class="text-bold">Medical History</span></h5>
<?php
                    $vid=$_GET['viewid'];
                            $ret=mysqli_query($con,"select * from tblpatient where ID='$vid'");
$cnt=1;
while ($row=mysqli_fetch_array($ret)) {
                    ?>
<table border="1" class="table table-bordered">
 <tr align="center">
<td colspan="4" style="font-size:20px;color:blue">
 Patient Details</td></tr>

   <tr>
   <th scope>Patient Name</th>
   <td><?php  echo $row['PatientName'];?></td>
   <th scope>Patient Email</th>
   <td><?php  echo $row['PatientEmail'];?></td>
 </tr>
 <tr>
   <th scope>Patient Mobile Number</th>
   <td><?php  echo $row['PatientContno'];?></td>
   <th>Patient Address</th>
```

```
  <td><?php  echo $row['PatientAdd'];?></td>
 </tr>
  <tr>
  <th>Patient Gender</th>
  <td><?php  echo $row['PatientGender'];?></td>
  <th>Patient Age</th>
  <td><?php  echo $row['PatientAge'];?></td>
 </tr>
 <tr>

  <th>Patient Medical History(if any)</th>
  <td><?php  echo $row['PatientMedhis'];?></td>
   <th>Patient Reg Date</th>
  <td><?php  echo $row['CreationDate'];?></td>
 </tr>

<?php }?>
</table>
<?php

$ret=mysqli_query($con,"select * from tblmedicalhistory  where PatientID='$vid'");



 ?>
<table id="datatable" class="table table-bordered dt-responsive nowrap"
```

```
style="border-collapse: collapse; border-spacing: 0; width: 100%;">
 <tr align="center">
  <th colspan="8" >Medical History</th>
 </tr>
 <tr>
   <th>#</th>
<th>Blood Pressure</th>
<th>Weight</th>
<th>Blood Sugar</th>
<th>Body Temprature</th>
<th>Medical Prescription</th>
<th>Visit Date</th>
</tr>
<?php
while ($row=mysqli_fetch_array($ret)) {
 ?>
<tr>
 <td><?php echo $cnt;?></td>
<td><?php  echo $row['BloodPressure'];?></td>
<td><?php  echo $row['Weight'];?></td>
<td><?php  echo $row['BloodSugar'];?></td>
 <td><?php  echo $row['Temperature'];?></td>
 <td><?php  echo $row['MedicalPres'];?></td>
 <td><?php  echo $row['CreationDate'];?></td>
</tr>
<?php $cnt=$cnt+1;} ?>
```

```
</table>

</div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
        <!-- start: FOOTER -->
    <?php include('include/footer.php');?>
        <!-- end: FOOTER -->

        <!-- start: SETTINGS -->
    <?php include('include/setting.php');?>

        <!-- end: SETTINGS -->
      </div>
      <!-- start: MAIN JAVASCRIPTS -->
      <script src="vendor/jquery/jquery.min.js"></script>
      <script src="vendor/bootstrap/js/bootstrap.min.js"></script>
      <script src="vendor/modernizr/modernizr.js"></script>
      <script src="vendor/jquery-cookie/jquery.cookie.js"></script>
      <script src="vendor/perfect-scrollbar/perfect-scrollbar.min.js"></script>
      <script src="vendor/switchery/switchery.min.js"></script>
```

```
        <!-- end: MAIN JAVASCRIPTS -->
        <!-- start: JAVASCRIPTS REQUIRED FOR THIS PAGE ONLY -->
        <script src="vendor/maskedinput/jquery.maskedinput.min.js"></script>
<script
src="vendor/bootstrap-touchspin/jquery.bootstrap-touchspin.min.js"></script>
        <script src="vendor/autosize/autosize.min.js"></script>
        <script src="vendor/selectFx/classie.js"></script>
        <script src="vendor/selectFx/selectFx.js"></script>
        <script src="vendor/select2/select2.min.js"></script>
     <script src="vendor/bootstrap-datepicker/bootstrap-datepicker.min.js"></script>
   <script src="vendor/bootstrap-timepicker/bootstrap-timepicker.min.js"></script>
        <!-- end: JAVASCRIPTS REQUIRED FOR THIS PAGE ONLY -->
        <!-- start: CLIP-TWO JAVASCRIPTS -->
        <script src="assets/js/main.js"></script>
        <!-- start: JavaScript Event Handlers for this page -->
        <script src="assets/js/form-elements.js"></script>
        <script>
            jQuery(document).ready(function() {
                Main.init();
                FormElements.init();
            });
        </script>
        <!-- end: JavaScript Event Handlers for this page -->
        <!-- end: CLIP-TWO JAVASCRIPTS -->
    </body>
</html>
```




```
SET SQL_MODE = "NO_AUTO_VALUE_ON_ZERO";
START TRANSACTION;
SET time_zone = "+00:00";
-- Database: `hms`

-- Table structure for table `admin`

CREATE TABLE `admin` (
  `id` int(11) NOT NULL  PRIMARY KEY AUTO-INCREMENT,
  `username` varchar(255) NOT NULL,
  `password` varchar(255) NOT NULL,
  `updationDate` varchar(255) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1 COLLATE=latin1_swedish_ci;

-- Dumping data for table `admin`
INSERT INTO `admin` (`id`, `username`, `password`, `updationDate`) VALUES
(1, 'anjan@gmail.com', 'Anjan@2005', '05-06-2025 11:42:05 AM');

-- Table structure for table `appointment`

CREATE TABLE `appointment` (
  `id` int(11) NOT NULL PRIMARY KEY AUTO-INCREMENT,
  `doctorSpecialization` varchar(255) DEFAULT NULL,
  `doctorId` int(11) DEFAULT NULL,
  `userId` int(11) DEFAULT NULL,
  `consultancyFees` int(11) DEFAULT NULL,
  `appointmentDate` varchar(255) DEFAULT NULL,
  `appointmentTime` varchar(255) DEFAULT NULL,
  `postingDate` timestamp NULL DEFAULT current_timestamp(),
  `userStatus` int(11) DEFAULT NULL,
  `doctorStatus` int(11) DEFAULT NULL,
  `updationDate` timestamp NULL DEFAULT NULL ON UPDATE
current_timestamp()
```

```
) ENGINE=InnoDB DEFAULT CHARSET=latin1 COLLATE=latin1_swedish_ci;

-- Dumping data for table `appointment`

INSERT INTO `appointment` (`id`, `doctorSpecialization`, `doctorId`, `userId`,
`consultancyFees`, `appointmentDate`, `appointmentTime`, `postingDate`,
`userStatus`, `doctorStatus`, `updationDate`) VALUES
(1, 'ENT', 1, 1, 500, '2025-06-30', '9:15 AM', '2025-06-25 03:42:11', 1, 1, NULL),
(2, 'Endocrinologists', 2, 2, 800, '2025-06-31', '2:45 PM', '2025-06-16 09:08:54', 1, 1,
NULL);

-- Table structure for table `doctors`

CREATE TABLE `doctors` (
  `id` int(11) NOT NULL  PRIMARY KEY AUTO-INCREMENT,
  `specialization` varchar(255) DEFAULT NULL,
  `doctorName` varchar(255) DEFAULT NULL,
  `address` longtext DEFAULT NULL,
  `docFees` varchar(255) DEFAULT NULL,
  `contactno` bigint(11) DEFAULT NULL,
  `docEmail` varchar(255) DEFAULT NULL,
  `password` varchar(255) DEFAULT NULL,
  `creationDate` timestamp NULL DEFAULT current_timestamp(),
  `updationDate` timestamp NULL DEFAULT NULL ON UPDATE
current_timestamp()
) ENGINE=InnoDB DEFAULT CHARSET=latin1 COLLATE=latin1_swedish_ci;


-- Dumping data for table `doctors`
INSERT INTO `doctors` (`id`, `specilization`, `doctorName`, `address`, `docFees`,
`contactno`, `docEmail`, `password`, `creationDate`, `updationDate`) VALUES
(1, 'ENT', 'Dr Anu Kumar', 'Boring Road, Patna', '500', 7828885858,
'anu@gmail.com', 'f925916e2754e5e03f75dd58a5733251', '2025-06-20 18:16:52',
'2025-06-24 09:26:17'),
(2, 'Endocrinologists', 'Dr Ananya Sharma', 'Fraser Road, Patna', '800', 9687453210,
'ananya@gmail.com', 'f925916e2754e5e03f75dd58a5733251', '2025-06-23 01:06:41',
'2025-06-24 09:26:28'),
(4, 'Pediatrics', 'Dr Priyanka Sinha', 'Rampur, Gaya', '700', 7456102356,
```

'priyanka@gmail.com', 'f925916e2754e5e03f75dd58a5733251', '2025-06-26 09:12:23', NULL),
(5, 'Orthopedics', 'Dr Vipin Tayagi', 'Yasho Hospital, Patna', '1200', 9521456321, 'vipin@gmail.com', 'f925916e2754e5e03f75dd58a5733251', '2025-06-27 09:13:11', NULL),
(6, 'Internal Medicine', 'Dr Rani Kumari', 'Max Hospital, Vaishali', '1500', 8563214751, 'rani@gmail.com', 'f925916e2754e5e03f75dd58a5733251', '2025-06-27 09:14:11', NULL),
(7, 'Obstetrics and Gynecology', 'Dr Bhavya Rathore', 'Indira Puram, Ghaziabad', '800', 7456721330, 'bhavya@gmail.com', 'f925916e2754e5e03f75dd58a5733251', '2025-06-27 09:15:18', NULL);

-- Table structure for table `doctorslog`

```
CREATE TABLE `doctorslog` (
  `id` int(11) NOT NULL PRIMARY KEY AUTO-INCREMENT,
  `uid` int(11) DEFAULT NULL,
  `username` varchar(255) DEFAULT NULL,
  `userip` binary(16) DEFAULT NULL,
  `loginTime` timestamp NULL DEFAULT current_timestamp(),
  `logout` varchar(255) DEFAULT NULL,
  `status` int(11) DEFAULT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1 COLLATE=latin1_swedish_ci;
```

-- Table structure for table `doctorspecilization`

```
CREATE TABLE `doctorspecilization` (
  `id` int(11) NOT NULL PRIMARY KEY AUTO-INCREMENT,
  `specilization` varchar(255) DEFAULT NULL,
  `creationDate` timestamp NULL DEFAULT current_timestamp(),
  `updationDate` timestamp NULL DEFAULT NULL ON UPDATE
current_timestamp()
) ENGINE=InnoDB DEFAULT CHARSET=latin1 COLLATE=latin1_swedish_ci;
```

--
-- Dumping data for table `doctorspecilization`

```
INSERT INTO `doctorspecilization` (`id`, `specilization`, `creationDate`,
`updationDate`) VALUES
(1, 'Orthopedics', '2025-06-09 18:09:46', '2025-06-14 09:26:47'),
(2, 'Internal Medicine', '2025-06-09 18:09:46', '2025-06-14 09:26:56'),
(3, 'Obstetrics and Gynecology', '2025-06-09 18:09:46', '2025-06-14 09:26:56'),
(4, 'Dermatology', '2025-06-09 18:09:46', '2025-06-14 09:26:56'),
(5, 'Pediatrics', '2025-06-09 18:09:46', '2025-06-14 09:26:56'),
(6, 'Radiology', '2025-06-09 18:09:46', '2025-06-14 09:26:56'),
(7, 'General Surgery', '2025-06-09 18:09:46', '2025-06-14 09:26:56'),
(8, 'Ophthalmology', '2025-06-09 18:09:46', '2025-06-14 09:26:56'),
(9, 'Anesthesia', '2025-06-09 18:09:46', '2025-06-14 09:26:56'),
(10, 'Pathology', '2025-06-09 18:09:46', '2025-06-14 09:26:56'),
(11, 'ENT', '2025-06-09 18:09:46', '2025-06-14 09:26:56'),
(12, 'Dental Care', '2025-06-09 18:09:46', '2025-06-14 09:26:56'),
(13, 'Dermatologists', '2025-06-09 18:09:46', '2025-06-14 09:26:56'),
(14, 'Endocrinologists', '2025-06-09 18:09:46', '2025-06-14 09:26:56'),
(15, 'Neurologists', '2025-06-09 18:09:46', '2025-06-14 09:26:56');

-- --------------------------------------------------------

--
-- Table structure for table `tblcontactus`
--

CREATE TABLE `tblcontactus` (
  `id` int(11) NOT NULL PRIMARY KEY AUTO-INCREMENT,
  `fullname` varchar(255) DEFAULT NULL,
  `email` varchar(255) DEFAULT NULL,
  `contactno` bigint(12) DEFAULT NULL,
  `message` mediumtext DEFAULT NULL,
  `PostingDate` timestamp NULL DEFAULT current_timestamp(),
  `AdminRemark` mediumtext DEFAULT NULL,
  `LastupdationDate` timestamp NULL DEFAULT NULL ON UPDATE
current_timestamp(),
  `IsRead` int(11) DEFAULT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1 COLLATE=latin1_swedish_ci;

--
```

```
-- Dumping data for table `tblcontactus`
--

INSERT INTO `tblcontactus` (`id`, `fullname`, `email`, `contactno`, `message`,
`PostingDate`, `AdminRemark`, `LastupdationDate`, `IsRead`) VALUES
(1, 'Aman Kumar', 'aman@gmail.com', 7828928288, 'Request for Appointment',
'2025-06-20 16:52:03', NULL, '2025-06-14 09:27:15', NULL),
(2, 'Rahul Kumar', 'rahul@gmail.com', 6858288589, 'Inquiry About MRI Scan
Services', '2025-06-23 13:13:41', 'Contact MRI team', '2025-06-27 13:13:57', 1);

-- --------------------------------------------------------

--
-- Table structure for table `tblmedicalhistory`
--

CREATE TABLE `tblmedicalhistory` (
  `ID` int(10) NOT NULL PRIMARY KEY AUTO-INCREMENT,
  `PatientID` int(10) DEFAULT NULL,
  `BloodPressure` varchar(200) DEFAULT NULL,
  `BloodSugar` varchar(200) NOT NULL,
  `Weight` varchar(100) DEFAULT NULL,
  `Temperature` varchar(200) DEFAULT NULL,
  `MedicalPres` mediumtext DEFAULT NULL,
  `CreationDate` timestamp NOT NULL DEFAULT current_timestamp() ON
UPDATE current_timestamp()
) ENGINE=InnoDB DEFAULT CHARSET=latin1 COLLATE=latin1_swedish_ci;

--
-- Dumping data for table `tblmedicalhistory`
--

INSERT INTO `tblmedicalhistory` (`ID`, `PatientID`, `BloodPressure`,
`BloodSugar`, `Weight`, `Temperature`, `MedicalPres`, `CreationDate`) VALUES
(1, 2, '80/120', '110', '85', '97', 'Dolo,\r\nLevocit 5mg', '2024-05-16 09:07:16');

-- --------------------------------------------------------
```

```
--
-- Table structure for table `tblpage`
--

CREATE TABLE `tblpage` (
  `ID` int(10) NOT NULL PRIMARY KEY AUTO-INCREMENT,
  `PageType` varchar(200) DEFAULT NULL,
  `PageTitle` varchar(200) DEFAULT NULL,
  `PageDescription` mediumtext DEFAULT NULL,
  `Email` varchar(120) DEFAULT NULL,
  `MobileNumber` bigint(10) DEFAULT NULL,
  `UpdationDate` timestamp NULL DEFAULT current_timestamp(),
  `OpenningTime` varchar(255) DEFAULT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;

--
-- Dumping data for table `tblpage`
--

INSERT INTO `tblpage` (`ID`, `PageType`, `PageTitle`, `PageDescription`,
`Email`, `MobileNumber`, `UpdationDate`, `OpenningTime`) VALUES
(1, 'aboutus', 'About Us', '<ul style=\"padding: opx; margin-right: opx;
margin-bottom: 1.313em; margin-left: 1.655em;\" times=\"\" new=\"\" roman\";=\"\"
font-size:=\"\" 14px;=\"\" text-align:=\"\" center;=\"\" background-color:=\"\"
rgb(255,=\"\" 246,=\"\" 246);\"=\"\"><li style=\"text-align: left;\"><font
color=\"#000000\">The Hospital Management System (HMS) is designed for Any
Hospital to replace their existing manual, paper based system. The new system is
to control the following information; patient information, 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.</font></li><li style=\"text-align:
left;\"><font color=\"#000000\">A significant part of the operation of any hospital
involves the acquisition, management and timely retrieval of great volumes of
information. This information typically involves; patient personal information and
medical history, staff information, room and ward scheduling, staff scheduling,
operating theater scheduling and various facilities waiting lists. All of this
information must be managed in an efficient and cost wise fashion so that an
institutions resources may be effectively utilized HMS will automate the
```

management of the hospital making it more efficient and error free. It aims at standardizing data, consolidating data ensuring data integrity and reducing inconsistencies. </font></li></ul>', NULL, NULL, '2020-05-20 07:21:52', NULL),
(2, 'contactus', 'Contact Details', 'Boring road, Patna', 'sangeeta@gmail.com', 7899488785, '2025-06-27 07:24:07', '9 am To 8 Pm');

-- --

--
-- Table structure for table `tblpatient`
--

```
CREATE TABLE `tblpatient` (
  `ID` int(10) NOT NULL,
  `Docid` int(10) DEFAULT NULL,
  `PatientName` varchar(200) DEFAULT NULL,
  `PatientContno` bigint(10) DEFAULT NULL,
  `PatientEmail` varchar(200) DEFAULT NULL,
  `PatientGender` varchar(50) DEFAULT NULL,
  `PatientAdd` mediumtext DEFAULT NULL,
  `PatientAge` int(10) DEFAULT NULL,
  `PatientMedhis` mediumtext DEFAULT NULL,
  `CreationDate` timestamp NULL DEFAULT current_timestamp(),
  `UpdationDate` timestamp NULL DEFAULT NULL ON UPDATE
current_timestamp()
) ENGINE=InnoDB DEFAULT CHARSET=latin1 COLLATE=latin1_swedish_ci;
```

--
-- Dumping data for table `tblpatient`
--

-- --

--
-- Table structure for table `userlog`
--

```
CREATE TABLE `userlog` (
  `id` int(11) NOT NULL PRIMARY KEY AUTO-INCREMENT,
  `uid` int(11) DEFAULT NULL,
  `username` varchar(255) DEFAULT NULL,
  `userip` binary(16) DEFAULT NULL,
  `loginTime` timestamp NULL DEFAULT current_timestamp(),
  `logout` varchar(255) DEFAULT NULL,
  `status` int(11) DEFAULT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1 COLLATE=latin1_swedish_ci;

-- Table structure for table `users`
--

CREATE TABLE `users` (
  `id` int(11) NOT NULL,
  `fullName` varchar(255) DEFAULT NULL,
  `address` longtext DEFAULT NULL,
  `city` varchar(255) DEFAULT NULL,
  `gender` varchar(255) DEFAULT NULL,
  `email` varchar(255) DEFAULT NULL,
  `password` varchar(255) DEFAULT NULL,
  `regDate` timestamp NULL DEFAULT current_timestamp(),
  `updationDate` timestamp NULL DEFAULT NULL ON UPDATE
current_timestamp()
) ENGINE=InnoDB DEFAULT CHARSET=latin1 COLLATE=latin1_swedish_ci;

ALTER TABLE `users`
ADD PRIMARY KEY (`id`),
ADD KEY `email` (`email`);
```

BIBLIOGRAPHY

- **PHP Manual:**Official documentation for PHP with functions.
- **MySQL 8.0 Reference Manual:**Complete reference for SQL syntax, queries, and administration.
- **MDN Web Docs:**HTML, CSS, and JavaScript Guides.
- **W3Schools.com:**Tutorials on HTML, CSS, JavaScript and MySQL.
- **GeeksforGeeks:**Useful articles and code for implementing modules.
- **Stack Overflow:**Practical help and real-world coding problems with community solutions.