**APPENDIX 1**

**DEVELOPMENT OF A SECURE HEALTHCARE MANAGEMENT SYSTEM UTILIZING BLOCKCHAIN TECHNOLOGY FOR ENCRYPTED PATIENT DATA TRANSMISSION**

**A PROJECT REPORT**

***Submitted By***

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***in partial fulfillment for the award of the degree***

***of***

***BACHELOR OF ENGINEERING***

***IN***

COMPUTER SCIENCE AND ENGINEERING

**KARPAGA VINAYAGA COLLEGE OF ENGINEERING AND TECHNOLOGY**

**ANNA UNIVERSITY:: CHENNAI 600 025**

MAY 2025

**APPENDIX 2**

**ANNA UNIVERSITY: CHENNAI 600 025**

**BONAFIDE CERTIFICATE**

Certified that this project report **“DEVELOPMENT OF A SECURE HEALTHCARE MANAGEMENT SYSTEM UTILIZING BLOCKCHAIN TECHNOLOGY FOR ENCRYPTED PATIENT DATA TRANSMISSION”** is the Bonafide work of **“DHANUSH BALAJI. G, SRIRAM. A, DARSHAN. R, VASANTH. V”** who carried out the project work under my supervision.

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**DEVELOPMENT OF A SECURE HEALTHCARE MANAGEMENT SYSTEM UTILIZING BLOCKCHAIN TECHNOLOGY FOR ENCRYPTED PATIENT DATA TRANSMISSION**

**Abstract**:

In this project, patients visiting a hospital first consult a general doctor, who updates a prescription with the patient’s ID and medical notes. This prescription is securely shared with other departments—such as surgery, radiology, and pharmacy—where only authorized staff can access it using a department-specific secret key. To ensure security, the prescription is encrypted using the AES algorithm before being sent to each department. Once accessed, department staff can view and proceed with the necessary treatment, updating the patient’s details in the database. For added security, all patient data in the database is encrypted using the SHA-256 algorithm. This system ensures secure, authorized sharing and storage of sensitive medical information across departments.

**APPENDIX 3**

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**LIST OF SYMBOLS**

|  |  |  |  |
| --- | --- | --- | --- |
| **S.NO** | **NOTATION NAME** | **NOTATION** | **DESCRIPTION** |
| 1. | Class | *+ public*  *-private*  *# protected*  *Class Name*  *-attribute*  *-attribute*  *+operation*  *+operation*  *+operation* | Represents a collection of similar entities grouped together. |
| 2. | Association | Class B  Class A  name | Associations represents static relationships between classes. Roles representsthe way the two classes see each other. |
| 3. | Actor |  | It aggregates several classes into a single class. |
| 4. | Aggregation | Class B  Class A  Class B  Class A | Interaction between the system and external environment. |
| 5. | Relation  (uses) | **uses** | Used for additional process communication. |
| 6. | Relation  (extends) | extends | Extends relationship is used when one use case is similar to another use case but does a bit more. |
| 7. | Communication |  | Communication between various use cases. |
| 8. | State | State State | State of the processs. |
| 9. | Initial State |  | Initial state of the object |
| 10. | Final State |  | Final state of the object |
| 11. | Control Flow |  | Represents various control flow between the states. |
| 12. | Decision Box |  | Represents decision making process from a constraint |
| 13. | Usecase |  | Interaction between the system and external environment. |
| 14. | Component |  | Represents physical modules which is a collection of components. |
| 15. | Node |  | Represents physical modules which are a collection of components. |
| 16. | Data Process / Sate |  | A circle in DFD represents a state or process which has been triggered due to some event or action. |
| 17. | External entity |  | Represents external entities such as keyboard, sensors, etc. |
| 18. | Transition |  | Represents communication that occurs between processes. |
| 19. | Object Lifeline |  | Represents the vertical dimensions that the object communications. |
| 20. | Message |  | Represents the message exchanged. |

**LIST OF ABBREVATIONS**

|  |  |  |
| --- | --- | --- |
| **S.NO** | **ABBREVATION** | **EXPANSION** |
| 1**.** | DB | Data Base |
| 2. | SMC | Secure Multiparty Computation |
| 3. | SC | Service Center |
| 4. | DBC | Data Base Confidentiality |
| 5. | JVM | Java Virtual Machine |
| 6. | JSP | Java Server Page |

**CHAPTER 1:**

**INTRODUCTION**

* 1. **INTRODUCTION:**

Patients who come to a hospital are first referred to a general doctor. A doctor updates the prescription with the patient's ID and medical notes. Such a prescription is safely shared with other departments: surgery, radiology, and pharmacy, among others. Only by authorized staff, a department-specific secret key can enable access to the prescription. For the purpose of security, a prescription is encrypted using the AES algorithm before sending it to each department. Such information, accessed only by staff in the department, can be viewed as helping to continue the required treatment. Then, patient details are updated in the database. All patient data in the database is encrypted with the SHA-256 algorithm for extra security. Thus, sensitive medical information is shared and stored across departments securely, accessible only to authorized personnel.

* 1. **EXISTING SYSTEM:**

The emergence of cloud computing enables various healthcare institutions to outsource pre-diagnostic models and provide timely and convenient services for patients. However, healthcare institutions and patients have serious concerns about potential privacy leakage as cloud servers cannot be fully trusted.

**Techniques**:

MAFRL method, kNN-based pre-diagnosis with linear complexity

k-Nearest Neighbor (kNN), and Mahalanobis Distance (MD)

* 1. **PROPOSED SYSTEM:**

In response to privacy concerns in healthcare, the proposed system adopts edge computing and blockchain technology. Edge devices process patient data locally, ensuring confidentiality, while blockchain establishes a secure ledger for data access. Patients retain control over their encrypted medical data, granting access only to authorized healthcare professionals. This decentralized approach enhances trust and transparency, safeguarding patient privacy without reliance on cloud computing.

**Techniques:**

AES Algorithm, OPEN SOURCE Blockchain, sha256.

**1.3.1 OBJECTIVES:**

**Enhance Data Security and Integrity**: Utilize blockchain technology to create a secure and immutable ledger for recording patient data, ensuring that information remains accurate and protected from unauthorized alterations or tampering.

**Streamline Specialist and Department Integration**: Develop a system where various healthcare professionals, including client specialists, radiologists, surgeons, and pharmacists, can efficiently register, log in, and access patient data through a structured endorsement process by administrators.

**Maintain Confidentiality**: Implement a unique encrypted identifier system for patient data to prevent misuse and ensure that sensitive information is only accessible by authorized personnel within different departments.

**Facilitate Efficient Data Handling**: Enable seamless communication between healthcare departments by forwarding unique encrypted identifiers, ensuring that patient information is correctly and securely processed across different stages of care.

**Ensure Compliance and Reliability**: Create a reliable and compliant system that adheres to healthcare data protection standards, fostering trust among patients and healthcare providers by ensuring the confidentiality and integrity of patient information.

**1.3.2 SCOPE:**

**User Registration and Login**:

**Client Specialist**: Register and log in, with endorsement by administrator support specialists.

**Radiologists, Surgeons, and Pharmacists**: Register and log in, with endorsement by administrators.

**Administrators**: Manage the registration and endorsement process for all specialists.

**Patient Interaction**:

**Patient Registration and Login**: Patients will register and log in to the web application.

**Specialist Interaction**: Specialists will provide patients with a unique encrypted identifier after consultation.

**Data Forwarding and Processing**:

**Unique Encrypted Identifier**: Specialists will issue a unique encrypted number to patients, which is then forwarded to relevant departments (surgery, radiology, pharmacy).

**Data Confidentiality**: Ensure that the unique identifier prevents any misuse of patient details.

**Blockchain Integration**:

**Immutable Ledger**: Use blockchain to record and verify patient data, enhancing data integrity and security.

**Encryption and Access Control**: Employ encryption techniques to secure patient data and control access based on role and endorsement.

**System Management**:

**Administrator Oversight**: Administrators will oversee the registration, endorsement, and login processes for all users, ensuring compliance and security within the system.

* 1. **LITERATURE SURVEY:**

# **TITLE:** Achieving Secure, Verifiable, and Efficient Boolean Keyword Searchable Encryption for Cloud Data Warehouse

**AUTHOR**: Thanaruk Theeramunkong, Somchart Fugkeaw

**YEAR:** · January 2024

**DESCRIPTION:**

Cloud data warehouse (CDW) platforms have been offered by many cloud service providers to provide abundant storage and unlimited accessibility service to business users. Sensitive data warehouse (DW) data consisting of dimension and fact data is typically encrypted before it is outsourced to the cloud. However, the query over encrypted DW is not practically supported by any analytical query tools. The Searchable Encryption (SE) technique is palpable for supporting the keyword searches over the encrypted data. Although many SE schemes have introduced their own unique searching methods based on indexing structure on top of searchable encryption techniques, there are no schemes that support Boolean expression queries essential for the search conditions over the DW schema. In this paper, we propose a secure and verifiable searchable encryption scheme with the support of Boolean expressions for CDW. The technical construct of the proposed scheme is based on the combination of Partial Homomorphic Encryption (PHE), B+Tree and Inverted Index, and bitmapping functions to enable privacy-preserving SE with efficient search performance suitable for encrypted DW. To enhance the scalability without requiring a third party to support the verification of search results, we employed blockchain and smart contracts to automate authentication, search index retention, and trapdoor generation. For the evaluation, we conducted comparative experiments to show that our scheme is more proficient and effective than related works.

# **TITLE:** MaxD K-means: A clustering algorithm for Auto-generation of centroids and distance of data points in clusters

**AUTHOR**: Tutut Herawan, Abul Beg

**YEAR:** · January 2012

**DESCRIPTION:**

K-Means is one of the unsupervised learning and partitioning clustering algorithms. It is very popular and widely used for its simplicity and fastness. The main drawback of this algorithm is that user should specify the number of cluster in advance. As an iterative clustering strategy, K-Means algorithm is very sensitive to the initial starting conditions. In this paper, we propose a clustering technique called MaxD K-Means clustering algorithm. MaxD K-Means algorithm auto generates initial k (the desired number of cluster) without asking for input from the user. MaxD K-means also used a novel strategy of setting the initial centroids. The experiment of the Max-D means has been conducted using synthetic data, which is taken from the Llyod’s K-Means experiments. The results from the new algorithm show that the number of iteration improves tremendously, and the number of iterations is reduced by confirming an improvement rate is up to 78%

# **TITLE:** Privacy-Preserving Patient-Centric Clinical Decision Support System on Naive Bayesian Classification

**AUTHOR:** Rongxing Lu, Ximeng Liu , Jianfeng Ma

**YEAR:**January 2015

**DESCRIPTION:**

Clinical decision support system (CDSS), which uses advanced data mining techniques to help clinician make proper decisions, has received considerable attention recently. The advantages of CDSS include not only improving diagnosis accuracy but also reducing diagnosis time. Specifically, with large amounts of clinical data generated everyday, na¨ ıve Bayesian classification can be utilized to excavate valuable information to improve CDSS. Although CDSS is quite promising, the flourish of CDSS still faces many challenges including information security and privacy concerns. In this paper, we propose a new privacy preserving patient-centric clinical decision support system, called PPCD, which helps clinician complementary to diagnose the risk of patients’ disease in a privacy-preserving way. In PPCD, the past patients’ historical data are stored in cloud and can be used to train the na¨ ıve Bayesian classifier without leaking any individual patient medical data, and then the trained classifier can be applied to compute the disease risk for new coming patients and also allow these patients to retrieve the top-k disease names according to their own preferences. Specifically, to protect the privacy of past patients’ historical data, a new cryptographic tool called additive homomorphic proxy aggregation scheme is designed. Moreover, to leverage the leakage of na¨ ıve Bayesian classifier, we introduce a privacy-preserving top-k disease names retrieval protocol in PPCD. Detailed privacy analysis ensures that patient’s information is private and will not be leaked out during the disease diagnosis phase. In addition, performance evaluation via extensive simulation also demonstrates that our PPCD can efficiently calculate patient’s disease risk with high accuracy in a privacy-preserving way.

* 1. **MERITS:**

**Merits:**

* **Privacy Protection**: Ensuring the confidentiality and security of sensitive patient information.
* **Edge Computing**: Processing data locally on devices within the healthcare institution rather than relying on centralized cloud servers.
* **Blockchain Technology**: A decentralized and secure ledger system for recording and managing data access and transactions.
* **Data Sovereignty**: Giving patients control over their medical data, allowing them to manage access permissions.
* **Security**: Measures taken to protect data from unauthorized access, modification, or disclosure.

**DEMERITS:**

It requires high energy utilization contrasted with other agreement conventions. Information exchange is unreliable.

**CHAPTER 2**

**PROJECT DESCRIPTION**

**2.1 GENERAL:**

**2.2 METHODOLOGIES:**

Methodologies is the process of analysing the principles or procedure of a Progressive Anonymous Database management system.

**2.2.1 MODULES NAME:**

* USER
* DOCTORS
* SURGEON
* RADIOLOGIST
* PHARMACIST
* ADMIN

**2.2.2 MODULE EXPLANATION:**

1. **USER REGISTER AND LOGIN:**

This is the first module in our project, here symbolizes a unit of work performed within a database management system (or similar system) against a database, and treated in a coherent and reliable way independent of other transactions. A transaction generally represents any change in database user will transfer the amount to provider. They registered with datas and then login

1. **ADMIN LOGIN AND APPROVE:**

This is the first module in our project, here symbolizes a unit of work performed within a database management system (or similar system) against a database, and treated in a coherent and reliable way independent of other transactions. The admin login in to the application, they verify the user application and approve to check it manually in these application.

1. **DOCTORS** **REGISTER AND LOGIN:**

This is the first module in our project, here symbolizes a unit of work performed within a database management system (or similar system) against a database, and treated in a coherent and reliable way independent of other transactions. A transaction generally represents any change in database user will transfer the amount to provider. They registered with datas and then login.

1. **SURGEON** **REGISTER AND LOGIN:**

This is the first module in our project, here symbolizes a unit of work performed within a database management system (or similar system) against a database, and treated in a coherent and reliable way independent of other transactions. A transaction generally represents any change in database user will transfer the amount to provider. They registered with datas and then login.

1. **RADIOLOGIST** **REGISTER AND LOGIN:**

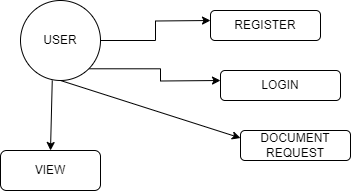
This is the first module in our project, here symbolizes a unit of work performed within a database management system (or similar system) against a database, and treated in a coherent and reliable way independent of other transactions. A transaction generally represents any change in database user will transfer the amount to provider. They registered with datas and then login.

1. **PHARMACIST** **REGISTER AND LOGIN:**

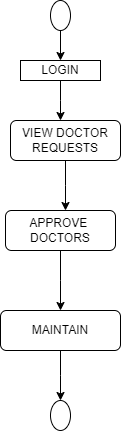
This is the first module in our project, here symbolizes a unit of work performed within a database management system (or similar system) against a database, and treated in a coherent and reliable way independent of other transactions. A transaction generally represents any change in database user will transfer the amount to provider. They registered with datas and then login.

**2.2.3 MODULE DIAGRAM:**

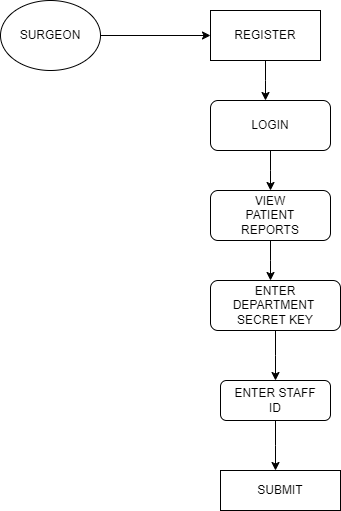
**USER:**

****

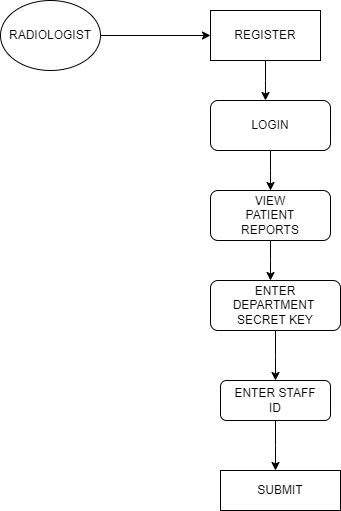
**ADMIN**

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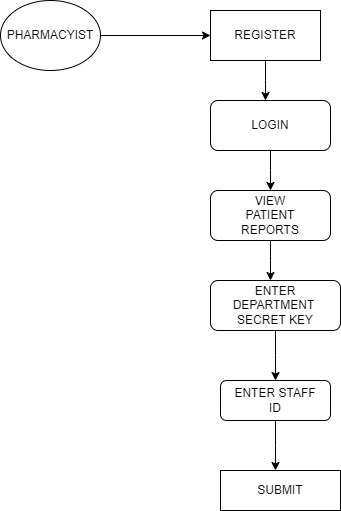
**SURGEON**

****

**RADIOLOGIST**

****

**PHARMACIST:**

****

**2.3 TECHNIQUES OR ALGORITHM:**

**CHAPTER 3**

**REQUIREMENTS**

**3.1 GENERAL:**

To successfully design, develop, and implement the project, certain foundational tools, technologies, and software environments are essential. These general requirements outline the minimum setup necessary for ensuring the project’s smooth execution and functionality. Without meeting these prerequisites, the development process cannot proceed efficiently or may result in system incompatibility, functionality issues, or performance bottlenecks.

The general requirements are divided into three major categories:

**3.2 HARDWARE REQUIREMENTS**

* PROCESSOR : DUAL CORE 2 DUOS
* RAM : 8 GB DD RAM
* HARD DISK : 250 GB

**3.3 SOFTWARE REQUIREMENTS**

* FRONT END : HTML, CSS, JAVASCRIPT, BOOTSTRAP
* BACK END : JAVA, SPRINGBOOT
* OPERATING SYSTEM : WINDOWS 10
* IDE : SPRING TOOL SUITE
* DATABASE : MYSQL

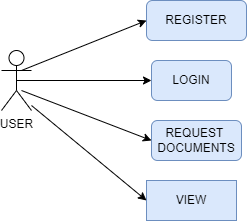
**CHAPTER 4**

**SYSTEM DESIGN**

**4.1 GENERAL:**

Design Engineering deals with the various UML [Unified Modelling language] diagrams for the implementation of project. Design is a meaningful engineering representation of a thing that is to be built. Software design is a process through which the requirements are translated into representation of the software. Design is the place where quality is rendered in software engineering. Design is the means to accurately translate customer requirements into finished product.

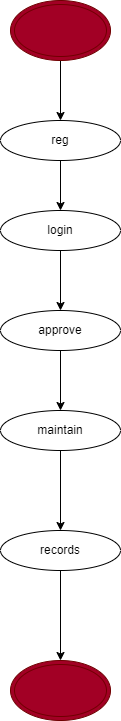
**4.1.1 USECASE DIAGRAM:**

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**EXPLANATION:**

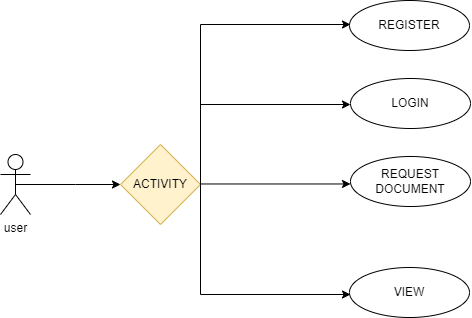
This use case diagram illustrates the primary interactions between a **User** and the system. The user can perform four main functions: **Register** to create an account, **Login** to access the system, **Request Documents** as a service, and **View** the available or requested information. Each use case represents a specific functionality offered by the system. The diagram clearly defines the system’s scope from the user’s perspective and helps in understanding the requirements for user-level interactions. It serves as a general specification for designing user-related features in the application.

**4.1.2 STATE DIAGRAM:**



**EXPLANATION:**

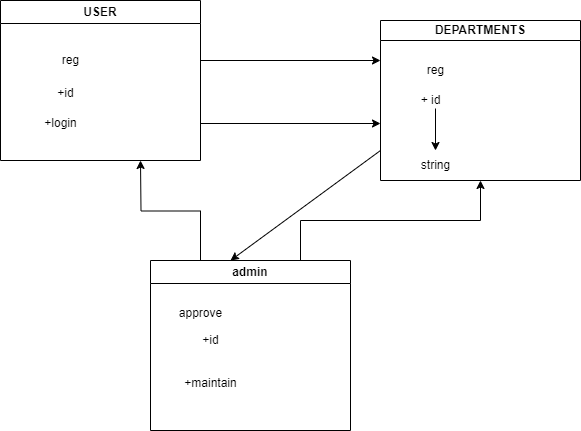
This state diagram illustrates the general workflow of a user within the system. The process begins at the initial state, which marks the start of user interaction. The first step is **registration (reg)**, where the user provides necessary details to create an account. Upon successful registration, the user moves to the **login** state to authenticate and gain access to the system. Once logged in, the user's request or profile undergoes an **approval** process, typically managed by an administrator or an automated rule engine. After approval, the system transitions to the **maintain** state, where the user can update or manage their data or services. Finally, the flow reaches the **records** state, where all user actions and data are securely stored or archived. The diagram concludes at the final state, indicating the end of the process. Each state is essential and must be completed in sequence to ensure proper functioning and data integrity within the system.

**4.1.3 ACTIVITY DIAGRAM:**

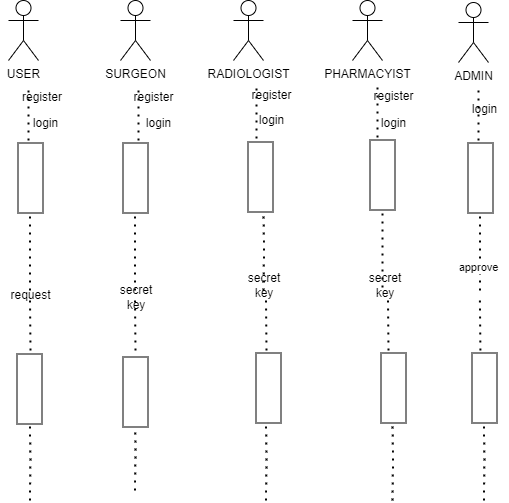
**EXPLANATION:**

Activity diagram is another important diagram in UML to describe the dynamic aspects of the system. Activity diagram is basically a flowchart to represent the flow from one activity to another activity. The activity can be described as an operation of the system. The control flow is drawn from one operation to another. This flow can be sequential, branched, or concurrent. Activity diagrams deal with all type of flow control by using different elements such as fork, join, etc.

**4.1.4 CLASS DIAGRAM:**

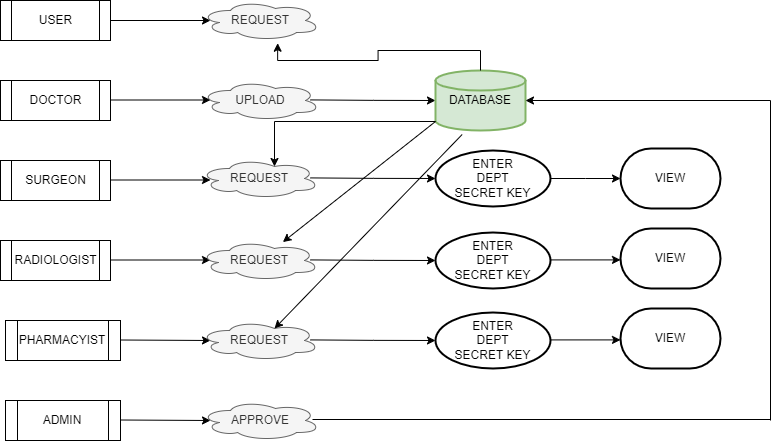
**EXPLANATION:**

Class diagram is a type of static structure diagram that describes the structure of a system by showing the system's classes, their attributes, and the relationships between the classes. The classes in a class diagram represent both the main objects and or interactions in the application and the objects.

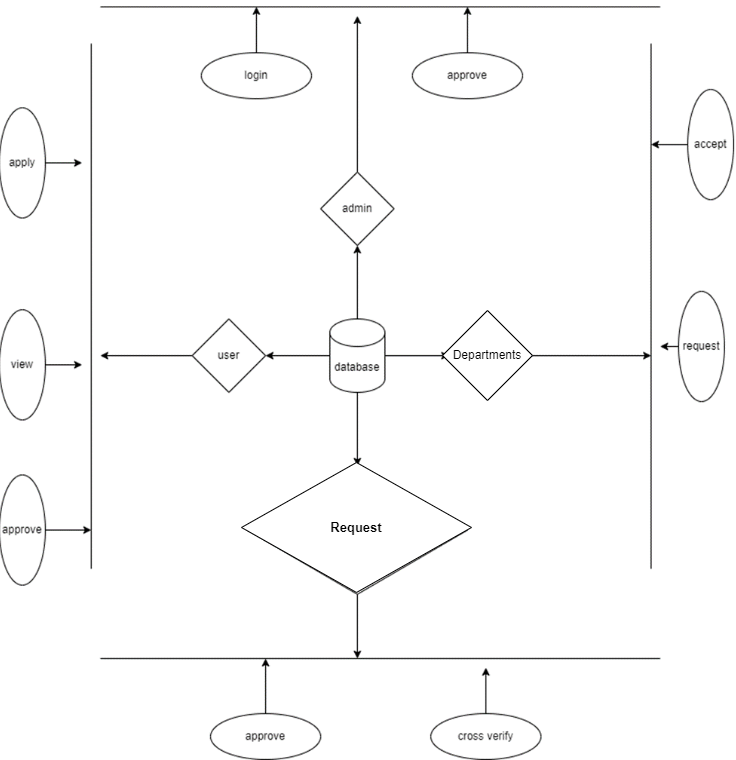
**4.1.5 SEQUENCE DIAGRAM:**

**EXPLANATION:**

In our sequence diagram specifying processes operate with one another and in order. In our sequence diagram first propose a for this in our component diagram first propose a data in this proposed method we are using Hash-Solomon Code Algorithm to encrypt the data.

**4.1.6 DATAFLOW DIAGRAM:**

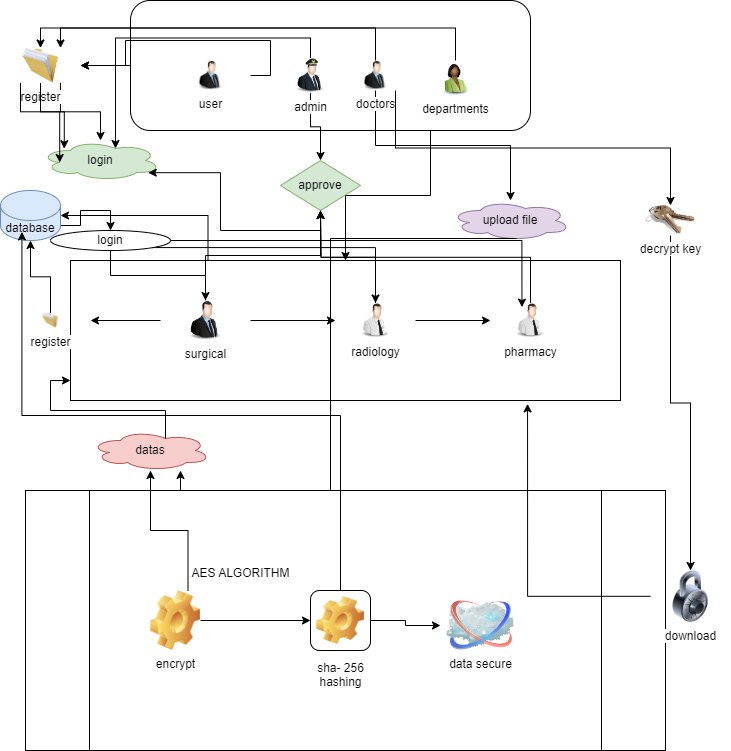
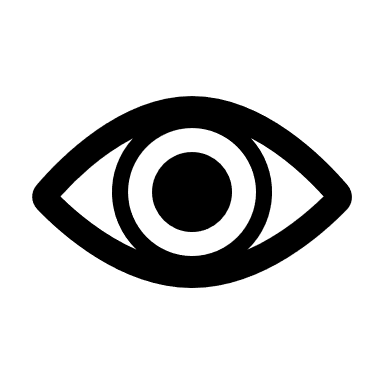
**EXPLANATION:**

**E-R DIAGRAM:**

**EXPLANATION:**

An entity-relationship diagram (ERD) is a data modeling technique that graphically illustrates an information system's entities and the relationships between those entities. An ERD is a conceptual and representational model of data used to represent the entity framework infrastructure. For each data flow, at least one of the endpoints (source and / or destination) must exist in a process. The refined representation of a process can be done in another data-flow diagram, which subdivides this process into sub-processes.

**SYSTEM ARCHITECTURE:**

****

view

**EXPLANATION:**

The systems architect establishes the basic structure of the system, we propose a Hash code Solomon algorithm, and we can put a small part of data in local machine and fog server in order to protect the privacy. Moreover, based on computational intelligence, this algorithm can compute the distribution proportion stored in cloud, fog, and local machine, respectively. Through the theoretical safety analysis and experimental evaluation, the feasibility of our scheme has been validated, which is really a powerful supplement to existing cloud storage scheme.

**CHAPTER 5**

**SOFTWARE SPECIFICATION**

**5.1 GENERAL:**

This chapter is about the software language and the tools used in the development of the project. The platform used here is JAVA. The Primary languages are JAVA, J2EE and J2ME. In this project J2EE is chosen for implementation.

**5.2 FEATURES OF JAVA:**

**5.2.1 THE JAVA FRAMEWORK:**

**Java** is a programming language originally developed by James Gosling at Sun Microsystems and released in 1995 as a core component of Sun Microsystems' Java platform. The language derives much of its syntax from C and C++ but has a simpler object model and fewer low-level facilities. Java applications are typically compiled to byte code that can run on any Java Virtual Machine (JVM) regardless of computer architecture. Java is general-purpose, concurrent, class-based, and object-oriented, and is specifically designed to have as few implementation dependencies as possible. It is intended to let application developers "write once, run anywhere".

Java is considered by many as one of the most influential programming languages of the 20th century, and is widely used from application software to web applications the java framework is a new platform independent that simplifies application development internet. Java technology's versatility, efficiency, platform portability, and security make it the ideal technology for network computing. From laptops to datacentres, game consoles to scientific supercomputers, cell phones to the Internet, Java is everywhere!

**5.2.2 OBJECTIVES OF JAVA:**

To see places of Java in Action in our daily life, explore java.com.

**WHY SOFTWARE DEVELOPERS CHOOSE JAVA:**

Java has been tested, refined, extended, and proven by a dedicated community. And numbering more than 6.5 million developers, it's the largest and most active on the planet. With its versatility, efficiency, and portability, Java has become invaluable to developers by enabling them to:

* Write software on one platform and run it on virtually any other platform.
* Create programs to run within a Web browser and Web services.
* Develop server-side applications for online forums, stores, polls, HTML forms processing, and more.
* Combine applications or services using the Java language to create highly customized applications or services.
* Write powerful and efficient applications for mobile phones, remote processors, low-cost consumer products, and practically any other device with a digital heartbeat.

**Some Ways Software Developers Learn Java:**

Today, many colleges and universities offer courses in programming for the Java platform. In addition, developers can also enhance their Java programming skills by reading Sun's java.sun.com Web site, subscribing to Java technology-focused newsletters, using the Java Tutorial and the New to Java Programming Centre, and signing up for Web, virtual, or instructor-led courses.

**Object Oriented:**

To be an Object Oriented language, any language must follow at least the four characteristics.

1. Inheritance: It is the process of creating the new classes and using the behavior of the existing classes by extending them just to reuse the existing code and adding addition a feature as needed.

2. Encapsulation: It is the mechanism of combining the information and providing the abstraction.

3. Polymorphism: As the name suggest one name multiple form, Polymorphism is the way of providing the different functionality by the functions having the same name based on the signatures of the methods.

4. Dynamic binding: Sometimes we don't have the knowledge of objects about their specific types while writing our code. It is the way of providing the maximum functionality to a program about the specific type at runtime.

**5.2.3 JAVA SERVER PAGES – An Overview:**

Java Server Pages or JSP for short is Sun's solution for developing dynamic web sites. JSP provide excellent server-side scripting support for creating database driven web applications. JSP enable the developers to directly insert java code into jsp file, this makes the development process very simple, and its maintenance also becomes very easy.

JSP pages are efficient, it loads into the web server’s memory on receiving the request very first time and the subsequent calls are served within a very short period.

In today's environment most web sites servers’ dynamic pages based on user request. Database is very convenient way to store the data of users and other things. JDBC provide excellent database connectivity in heterogeneous database environment. Using JSP and JDBC its very cc easy to develop database driven web application.

Java is known for its characteristic of "write once, run anywhere." JSP pages are platform Java Server Pages.

Java Server Pages (JSP) technology is the Java platform technology for delivering dynamic content to web clients in a portable, secure and well-defined way. The Java Server Pages specification extends the Java Servlet API to provide web application developers with a robust framework for creating dynamic web content on the server using HTML, and XML templates, and Java code, which is secure, fast, and independent of server platforms.

JSP has been built on top of the Servlet API and utilizes Servlet semantics. JSP has become the preferred request handler and response mechanism. Although JSP technology is going to be a powerful successor to basic Servlets, they have an evolutionary relationship and can be used in a cooperative and complementary manner.

Servlets are powerful and sometimes they are a bit cumbersome when it comes to generating complex HTML. Most servlets contain a little code that handles application logic and a lot more code that handles output formatting. This can make it difficult to separate and reuse portions of the code when a different output format is needed. For these reasons, web application developers turn towards JSP as their preferred servlet environment.

**5.2.4 EVOLUTION OF WEB APPLICATIONS:**

Over the last few years, web server applications have evolved from static to dynamic applications. This evolution became necessary due to some deficiencies in earlier web site design. For example, to put more of business processes on the web, whether in business-to-consumer (B2C) or business-to-business (B2B) markets, conventional web site design technologies are not enough. The main issues, every developer faces when developing web applications, are:

1. Scalability - a successful site will have more users and as the number of users is increasing Fastly, the web applications must scale correspondingly.

2. Integration of data and business logic - the web is just another way to conduct business, and so it should be able to use the same middle-tier and data-access code.

3. Manageability - web sites just keep getting bigger and we need some viable mechanism to manage the ever-increasing content and its interaction with business systems.

4. Personalization - adding a personal touch to the [web page](http://www.roseindia.net/jsp/javaserverpagestutorial.shtml) becomes an essential factor to keep our customer coming back again. Knowing their preferences, allowing them to configure the information they view, remembering their past transactions or frequent search keywords are all important in providing feedback and interaction from what is otherwise a fairly one-sided conversation.

Apart from these general needs for a business-oriented web site, the necessity for new technologies to create robust, dynamic and compact server-side web applications has been realized. The main characteristics of today's dynamic web server applications are as follows:

1. Serve HTML and XML, and stream data to the web client.

2. Separate presentation, logic and data.

3. Interface to databases, other Java applications, CORBA, directory and mail services.

4. Make use of application server middleware to provide transactional support.

5. Track client sessions.

**5.2.5 BENEFITS OF JSP:**

One of the main reasons why the Java Server Pages technology has evolved into what it is today, and it is still evolving is the overwhelming technical need to simplify application design by separating dynamic content from static template display data. Another benefit of utilizing JSP is that it allows to more cleanly separate the roles of web application/HTML designer from a software developer. The JSP technology is blessed with a few exciting benefits, which are chronicled as follows:

1. The JSP technology is platform independent, in its dynamic web pages, its web servers, and its underlying server components. That is, JSP pages perform perfectly without any hassle on any platform, run on any web server, and web-enabled application server. The JSP pages can be accessed from any web server.

2. The JSP technology emphasizes the use of reusable components. These components can be combined or manipulated towards developing more purposeful components and page design. This definitely reduces development time apart from the At development time, JSPs are very different from Servlets, however, they are precompiled into Servlets at run time and executed by a JSP engine which is installed on a Web-enabled application server such as BEA WebLogic and IBM WebSphere.

**5.3 SERVLETS:**

Earlier in client- server computing, each application had its own client program, and it worked as a user interface and need to be installed on each user's personal computer. Most web applications use HTML/XHTML that are mostly supported by all the browsers and web pages are displayed to the client as static documents.

A web page can merely display static content and it also lets the user navigate through the content, but a web application provides a more interactive experience.

Any computer running Servlets or JSP needs to have a container. A container is nothing but a piece of software responsible for loading, executing and unloading the Servlets and JSP. While servlets can be used to extend the functionality of any Java- enabled server.

They are mostly used to extend web servers and are efficient replacement for CGI scripts. CGI was one of the earliest and most prominent server-side dynamic content solutions, so before going forward it is very important to know the difference between CGI and the Servlets.

**5.4 JAVA SERVLETS:**

Java Servlet is a generic server extension that means a java class can be loaded dynamically to expand the functionality of a server. Servlets are used with web servers and run inside a Java Virtual Machine (JVM) on the server, so these are safe and portable. Unlike applets they do not require support for java in the web browser. Unlike CGI, servlets don't use multiple processes to handle separate request. Servlets can be handled by separate threads within the same process. Servlets are also portable and platform independent.

A web server is the combination of computer, and the program installed on it. Web server interacts with the client through a web browser. It delivers the [web pages](http://www.roseindia.net/servlets/IntroductionToWebServer.shtml) to the client and to an application by using the web browser and  he HTTP protocols respectively.

The define the web server as the package of  large number of programs installed on a computer connected to Internet or intranet for downloading the requested files using [File Transfer](http://www.roseindia.net/servlets/IntroductionToWebServer.shtml) Protocol, serving e-mail and building and publishing web pages. A web server works on a client server model.

**5.5 CONCLUSION:**

JSP and Servlets are gaining rapid acceptance as means to provide dynamic content on the Internet. With full access to the Java platform, running from the server in a secure manner, the application possibilities are almost limitless. When JSPs are used with Enterprise JavaBeans technology, e-commerce and database resources can be further enhanced to meet an enterprise's needs for web applications providing secure transactions in an open platform. J2EE technology makes it easy to develop, deploy and use web server applications instead of mingling with other technologies such as CGI and ASP. There are many tools for facilitating quick web software development and to easily convert existing server-side technologies to JSP and Servlets.

**CHAPTER 6**

**IMPLEMENTATION**

* 1. **GENERAL:**

This chapter describes the implementation of searched based application. It deals with the source code for main viewpoint for Anonymous Database Management.

* 1. **CODINGS:**

<!**DOCTYPE** html>

<**html** lang=*"en"* xmlns:th=*"http://www.thymeleaf.org"*>

<**head**>

<**meta** charset=*"UTF-8"*>

<**meta** name=*"viewport"* content=*"width=device-width, initial-scale=1.0"*>

<**title**>Welcome | Doctors</**title**>

<**link** href=*"https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css"* rel=*"stylesheet"* integrity=*"sha384-EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOmLASjC"* crossorigin=*"anonymous"*>

<**script** src=*"https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js"* integrity=*"sha384-MrcW6ZMFYlzcLA8Nl+NtUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/tWtIaxVXM"* crossorigin=*"anonymous"*></**script**>

<**link** rel=*"shortcut icon"* href=*"C:\Users\saura\Downloads\fabicon-removebg-preview (2).png"*>

<**body**>

<!-- Header -->

<**header**>

<**div** class=*"motto"*><**b**>Welcome</**b**></**div**>

<**div** class=*"slideshow"*>

<**img** src=*"https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcRdji1931PbuaaeOzkiWxZwCP0Y-l4Xi1WwR1sD38DAMHght4-40fDGDgm8uf3LQa0zNBU&usqp=CAU"* alt=*"Image 1"*>

<**img** src=*"https://t3.ftcdn.net/jpg/05/65/55/96/360\_F\_565559600\_YuYjetRZf0xO4hEzElmYPtWXI7bdpXeE.jpg"* alt=*"Image 2"*>

<**img** src=*"https://plus.unsplash.com/premium\_photo-1674841252366-162fc9b8f983?q=80&w=1887&auto=format&fit=crop&ixlib=rb-4.0.3&ixid=M3wxMjA3fDB8MHxwaG90by1wYWdlfHx8fGVufDB8fHx8fA%3D%3D"* alt=*"Image 3"*>

<**img** src=*"https://plus.unsplash.com/premium\_photo-1673351534430-f5dde7d87a60?q=80&w=2002&auto=format&fit=crop&ixlib=rb-4.0.3&ixid=M3wxMjA3fDB8MHxwaG90by1wYWdlfHx8fGVufDB8fHx8fA%3D%3D"* alt=*"Image 4"*>

<**img** src=*"https://plus.unsplash.com/premium\_photo-1682141160157-d6a296a65574?q=80&w=1932&auto=format&fit=crop&ixlib=rb-4.0.3&ixid=M3wxMjA3fDB8MHxwaG90by1wYWdlfHx8fGVufDB8fHx8fA%3D%3D"* alt=*"Image 5"*>

<**img** src=*"https://plus.unsplash.com/premium\_photo-1674499074438-8f611a3569f6?q=80&w=2069&auto=format&fit=crop&ixlib=rb-4.0.3&ixid=M3wxMjA3fDB8MHxwaG90by1wYWdlfHx8fGVufDB8fHx8fA%3D%3D"* alt=*"Image 6"*>

<**img** src=*"https://images.unsplash.com/photo-1638202993928-7267aad84c31?q=80&w=1887&auto=format&fit=crop&ixlib=rb-4.0.3&ixid=M3wxMjA3fDB8MHxwaG90by1wYWdlfHx8fGVufDB8fHx8fA%3D%3D"* alt=*"Image 7"*>

<**img** src=*"https://images.unsplash.com/photo-1550831107-1553da8c8464?q=80&w=1887&auto=format&fit=crop&ixlib=rb-4.0.3&ixid=M3wxMjA3fDB8MHxwaG90by1wYWdlfHx8fGVufDB8fHx8fA%3D%3D"* alt=*"Image 8"*>

<**img** src=*"https://images.unsplash.com/photo-1505751172876-fa1923c5c528?q=80&w=2070&auto=format&fit=crop&ixlib=rb-4.0.3&ixid=M3wxMjA3fDB8MHxwaG90by1wYWdlfHx8fGVufDB8fHx8fA%3D%3D"* alt=*"Image 9"*>

<**img** src=*"https://images.unsplash.com/photo-1578496479763-c21c718af028?q=80&w=2070&auto=format&fit=crop&ixlib=rb-4.0.3&ixid=M3wxMjA3fDB8MHxwaG90by1wYWdlfHx8fGVufDB8fHx8fA%3D%3D"* alt=*"Image 10"*>

<**img** src=*"https://images.unsplash.com/photo-1543333995-a78aea2eee50?q=80&w=2070&auto=format&fit=crop&ixlib=rb-4.0.3&ixid=M3wxMjA3fDB8MHxwaG90by1wYWdlfHx8fGVufDB8fHx8fA%3D%3D"* alt=*"Image 11"*>

<**img** src=*"https://images.unsplash.com/photo-1582560469781-1965b9af903d?q=80&w=1993&auto=format&fit=crop&ixlib=rb-4.0.3&ixid=M3wxMjA3fDB8MHxwaG90by1wYWdlfHx8fGVufDB8fHx8fA%3D%3D"* alt=*"Image 12"*>

<**img** src=*"https://plus.unsplash.com/premium\_photo-1661779616524-1825ac40c9d6?q=80&w=2070&auto=format&fit=crop&ixlib=rb-4.0.3&ixid=M3wxMjA3fDB8MHxwaG90by1wYWdlfHx8fGVufDB8fHx8fA%3D%3D"* alt=*"Image 13"*>

</**div**>

<**style**>

/\* Reset CSS \*/

{

margin: *0*;

padding: *0*;

box-sizing: *border-box*;

}

body {

font-family: *Arial, sans-serif*;

background-color: *#f5f5f5*;

color: *#333*;

margin: *0*;

padding: *0*;

}

/\* Header \*/

header {

position: *relative*;

overflow: *hidden*;

width: *100%*;

height: *400px*; /\* Adjust height as needed \*/

display: *flex*;

justify-content: *center*;

align-items: *center*;

}

.slideshow {

position: *absolute*;

top: *0*;

left: *0*;

width: *400%*;

height: *100%*;

display: *flex*;

animation: *slideImages 60s linear infinite*;

}

.slideshow img {

width: *25%*;

height: *auto*;

object-fit: *cover*;

}

@keyframes slideImages {

0% {

transform: *translateX(0%)*;

}

100% {

transform: *translateX(-100%)*;

}

}

.logo {

position: *relative*;

top: *20px*;

left: *10px*;

z-index: *1*;

}

.logo img {

width: *400px*; /\* Adjust the width of the logo \*/

height: *auto*;

filter: *brightness(150%)*; /\* Increase brightness for better visibility \*/

}

.motto {

position: *absolute*;

bottom: *20px*;

left: *50%*;

transform: *translateX(-50%)*;

z-index: *1*;

color: *#FFA500*; /\* Adjust color for better visibility \*/

font-size: *24px*; /\* Increase font size for better visibility \*/

}

/\* Navigation \*/

nav {

text-align: *center*;

padding: *10px 0*;

background-color: *rgb(0, 0, 0)*;

}

nav a {

color: *#fff*;

text-decoration: *none*;

padding: *10px 20px*;

}

nav a:hover {

background-color: *#555*;

}

/\* Main Content \*/

.main-content {

padding: *20px*;

display: *flex*;

justify-content: *space-between*;

align-items: *center*;

flex-wrap: *wrap*;

}

.main-content .left-column {

flex: *1*;

max-width: *50%*;

padding-right: *20px*;

}

.main-content .right-column {

flex: *1*;

max-width: *50%*;

padding-left: *20px*;

}

/\* Services Section Styles \*/

/\* Services Section Styles \*/

.services {

background-color: *#f9f9f9*;

padding: *20px*;

margin-bottom: *20px*;

}

.services h2 {

text-align: *center*;

margin-bottom: *20px*;

}

.service-container {

display: *flex*;

justify-content: *space-between*;

align-items: *flex-start*;

}

.service {

flex: *1*;

margin: *0 10px*;

background-color: *#fff*;

border-radius: *8px*;

box-shadow: *0 0 20px rgba(0, 0, 0, 0.1)*;

overflow: *hidden*;

}

.service-info {

padding: *20px*;

}

.service h3 {

margin-bottom: *10px*;

color: *#333*;

}

.service p {

margin-bottom: *20px*;

color: *#666*;

}

.btn {

display: *block*;

text-align: *center*;

background-color: *#333*;

color: *#fff*;

text-decoration: *none*;

padding: *10px 20px*;

border-radius: *5px*;

transition: *background-color 0.3s ease*;

}

.btn:hover {

background-color: *#555*;

}

/\* Feature Boxes \*/

.feature-box {

background-color: *#fff*;

border-radius: *8px*;

padding: *20px*;

margin-bottom: *20px*;

box-shadow: *0 0 20px rgba(0, 0, 0, 0.1)*;

}

/\* Patient Reviews \*/

.patient-reviews {

padding: *20px*;

background-color: *#f9f9f9*;

border-radius: *8px*;

box-shadow: *0 0 20px rgba(0, 0, 0, 0.1)*;

margin-bottom: *20px*;

}

.patient-reviews h2 {

margin-bottom: *10px*;

text-align: *center*;

}

.review {

display: *flex*;

align-items: *center*;

padding: *15px*;

border-bottom: *1px solid #ddd*;

}

.review img {

width: *100px*;

height: *100px*;

border-radius: *50%*;

margin-right: *20px*;

}

.review-content {

flex: *1*;

}

.review strong {

display: *block*;

margin-bottom: *5px*;

font-weight: *bold*;

}

.review p {

margin-bottom: *0*;

}

/\* Footer \*/

footer {

background-color: *#333*;

color: *#fff*;

text-align: *center*;

padding: *10px 0*;

}

/\* Founders Section Styles \*/

.founders {

background-color: *#f9f9f9*; /\* Background color similar to other sections \*/

color: *#333*; /\* Text color similar to other sections \*/

padding: *50px 0*;

text-align: *center*;

}

.founder-container {

display: *flex*;

justify-content: *space-around*;

align-items: *flex-start*;

flex-wrap: *wrap*;

max-width: *1200px*;

margin: *0 auto*;

}

.founder {

flex: *1*;

margin: *20px*;

background-color: *#fff*; /\* Background color for founder containers \*/

border-radius: *8px*; /\* Rounded corners for founder containers \*/

padding: *20px*; /\* Padding for founder containers \*/

box-shadow: *0 0 20px rgba(0, 0, 0, 0.1)*; /\* Box shadow for founder containers \*/

}

.founder img {

width: *200px*; /\* Adjust image size \*/

height: *200px*; /\* Adjust image size \*/

border-radius: *50%*;

object-fit: *cover*;

margin-bottom: *20px*;

}

.founder h3 {

margin-bottom: *10px*;

color: *#333*; /\* Text color for founder names \*/

}

.founder p {

font-style: *italic*;

color: *#666*; /\* Text color for founder descriptions \*/

}

/\* Styling for Contact Section \*/

#contact {

background-color: *#f9f9f9*;

padding: *50px*;

margin-top: *20px*;

border-radius: *8px*;

box-shadow: *0 0 10px rgba(0, 0, 0, 0.1)*;

}

#contact h2 {

font-size: *28px*;

color: *#333*;

margin-bottom: *20px*;

text-align: *center*;

}

#contact form {

max-width: *600px*;

margin: *0 auto*;

}

#contact input[type="text"],

#contact input[type="email"],

#contact textarea,

#contact button,

#contact input[type="file"] {

width: *100%*;

padding: *10px*;

margin-bottom: *15px*;

border: *1px solid #ccc*;

border-radius: *4px*;

font-size: *16px*;

box-sizing: *border-box*;

}

#contact input[type="text"]:focus,

#contact input[type="email"]:focus,

#contact textarea:focus,

#contact button:focus,

#contact input[type="file"]:focus {

outline: *none*;

border-color: *#007bff*;

box-shadow: *0 0 8px rgba(0, 123, 255, 0.6)*;

}

#contact textarea {

resize: *vertical*; /\* Allow vertical resize \*/

}

#contact button {

background-color: *rgb(0, 128, 64)*;

color: *white*;

border: *none*;

cursor: *pointer*;

transition: *background-color 0.3s ease*;

}

#contact button:hover {

background-color: *rgb(0, 64, 64)*;

}

/\* Optional: Style file input to match other inputs \*/

#contact input[type="file"] {

background-color: *#f3f3f3*;

color: *#333*;

padding: *8px*;

border: *none*;

cursor: *pointer*;

}

#contact input[type="file"]:hover {

background-color: *#e9e9e9*;

}

</**style**>

</**header**>

<!-- Navigation -->

<**nav**>

<**a** href=*"/patientreportsrequstt"*>Surgeon</**a**>

<**a** href=*"/radiopatientreportsrequst"*>Radiologist</**a**>

<**a** href=*"/pharmpatientreportsrequst"*>Pharmacy</**a**>

<**a** href=*"/userpatientreportsrequst"*>User</**a**>

</**nav**>

<!-- Main Content -->

<**div** class=*"main-content"*>

<**div** class=*"left-column"*>

<**div** class=*"feature-box"*>

<**h2**>Advanced Medical Technology</**h2**>

<**p**>Explore our state-of-the-art medical equipment and technology designed to provide the best healthcare experience.</**p**>

</**div**>

<**div** class=*"feature-box"*>

<**h2**>Specialized Services</**h2**>

<**p**>From cardiology to neurology, we offer a wide range of specialized services delivered by expert physicians and staff.</**p**>

</**div**>

</**div**>

<**div** class=*"right-column"*>

<**div** class=*"feature-box"*>

<**h2**>Personalized Care</**h2**>

<**p**>Our team is committed to providing personalized care tailored to each patient's unique needs and preferences.</**p**>

</**div**>

<**div** class=*"feature-box"*>

<**h2**>Community Engagement</**h2**>

<**p**>We actively engage with our community through health education programs, outreach initiatives, and more.</**p**>

</**div**>

</**div**>

</**div**>

<**section** id=*"services"* class=*"services"*>

<**center**><**h1**>Our Services</**h1**></**center**>

<**br**>

<**div** class=*"service-container"*>

<!-- Doctor Services -->

<**div** class=*"service"*>

<**div** class=*"service-info"*>

<**h2**>For Doctors</**h2**>

<**p**><**b**>NirvanCare presents a transformative solution for doctors, revolutionizing patient care through advanced technology. By facilitating seamless communication, efficient appointment management, and access to comprehensive patient records, NirvanCare empowers doctors to deliver personalized care and build stronger relationships with their patients. With telemedicine capabilities and growth opportunities, NirvanCare enables doctors to expand their reach, enhance their practice, and embrace the future of healthcare delivery.</**b**>

</**p**>

</**div**>

<**a** href=*"login.html"* class=*"btn"* >Learn More</**a**>

</**div**>

<!-- Patient Services -->

<**div** class=*"service"*>

<**div** class=*"service-info"*>

<**h2**>For Patient</**h2**>

<**p**><**b**>NirvanCare offers patients a groundbreaking platform designed to enhance their healthcare experience. Through intuitive interfaces and advanced features, patients can easily schedule appointments, access medical records, and engage in virtual consultations with healthcare providers from the comfort of their homes. With personalized health insights and educational resources, NirvanCare empowers patients to take control of their health journey, fostering a collaborative relationship between patients and healthcare .</**b**></**p**>

</**div**>

<**a** href=*"login2.html"* class=*"btn"* >Learn More</**a**>

</**div**>

</**div**>

</**section**>

<!-- Patient Reviews -->

<**div** class=*"patient-reviews"*>

<**h2**>Patient Reviews</**h2**>

<**div** class=*"review"*>

<**img** src=*"https://previews.123rf.com/images/rsapmech/rsapmech2007/rsapmech200701648/152438704-new-delhi-india-%E2%80%93-march-3-2020-man-portrait-smart-casual-man-confident-handsome-man-inside-hauz-khas.jpg"* alt=*"Patient Photo"*>

<**div** class=*"review-content"*>

<**strong**>Abhinav Sharma</**strong**>

<**p**>"The services provided by your website were excellent. The staff was courteous and the facilities were top-notch."</**p**>

</**div**>

</**div**>

<**div** class=*"review"*>

<**img** src=*"https://i.pinimg.com/736x/4b/1d/0b/4b1d0bf3dbeadc3238c323c6584c2ca7.jpg"* alt=*"Patient Photo"*>

<**div** class=*"review-content"*>

<**strong**>Sarvesh Kumar</**strong**>

<**p**>"I highly recommend your website to anyone seeking quality healthcare services. I was impressed with their professionalism and dedication."</**p**>

</**div**>

</**div**>

<**div** class=*"review"*>

<**img** src=*"https://previews.123rf.com/images/dinodia/dinodia1709/dinodia170902297/85732936-south-indian-man-with-tika-on-forehead-with-sandal-or-saffron-paste-with-black-grey-moustaches-and.jpg"* alt=*"Patient Photo"*>

<**div** class=*"review-content"*>

<**strong**>Ashok Iyer</**strong**>

<**p**>"Impressed by your website website, it guided me seamlessly to book my appointment. The staff's professionalism and the facility's quality left me thoroughly satisfied."</**p**>

</**div**>

</**div**>

<**div** class=*"review"*>

<**img** src=*"https://i.pinimg.com/236x/d5/98/c4/d598c4394ddf68f09dbd88e966102650.jpg"* alt=*"Patient Photo"*>

<**div** class=*"review-content"*>

<**strong**>Fatima Khan</**strong**>

<**p**>The services provided by your website were excellent.</**p**>

</**div**>

</**div**>

<**div** class=*"review"*>

<**img** src=*"https://c8.alamy.com/comp/BY9CCF/portrait-of-a-gujarati-man-BY9CCF.jpg"* alt=*"Patient Photo"*>

<**div** class=*"review-content"*>

<**strong**>Lalit Patel</**strong**>

<**p**>"Navigating through your website was a breeze, and the personalized care I received mirrored their online promises. Highly recommended for their efficient service and excellent facilities."</**p**>

</**div**>

</**div**>

<**div** class=*"review"*>

<**img** src=*"https://static.toiimg.com/thumb/imgsize-23456,msid-67915786,width-600,resizemode-4/67915786.jpg"* alt=*"Patient Photo"*>

<**div** class=*"review-content"*>

<**strong**>Suresh Pawar</**strong**>

<**p**>"Booking with your website was simple thanks to their intuitive website. The level of care I received exceeded my expectations, and I left feeling confident in their expertise. A top-notch healthcare provider."</**p**>

</**div**>

</**div**>

</**div**>

<!-- Founders Section -->

<**section** id=*"founders"* class=*"founders"*>

<**center**><**h1**> Our Doctors</**h1**></**center**>

<**br**>

<**div** class=*"founder-container"*>

<!-- Founder 1 -->

<**div** class=*"founder"*>

<**img** src=*"https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcSqVOA4o6ryqDlQRuk9JCJae16oojo9BLFl-A&s"* alt=*"Founder 1 Photo"* class=*"founder-photo"*>

<**div** class=*"founder-info"*>

<**h2**>Saurabh Shinde</**h2**>

<**p**>Saurabh Shinde, hailing from <**span** style="color:*red*">Nashik</**span**>, is a skilled frontend developer renowned for his work on NirvanCare's interface. His educational journey began <**span** style="color:*blue*"> Wisdom High International</**span**>. Beyond coding, Saurabh finds passion in Mixed Martial Arts (MMA), where he showcases his dedication and discipline. His multifaceted talents, coupled with a relentless drive for excellence, position him as a valuable asset in both the tech and sports arenas.

</**p**>

</**div**>

</**div**>

<!-- Founder 2 -->

<**div** class=*"founder"*>

<**img** src=*"data:image/jpeg;base64,"* alt=*"Founder 2 photo"* class=*"founder-photo"*>

<**div** class=*"founder-info"*>

<**h2**>Shreenath Kadam</**h2**>

<**p**>Shreenath Kadam, a native of <**span** style="color:*red*">Nashik</**span**> and alumni of <**span** style="color:*blue*">Wisdom High International</**span**>, is the adept backend developer behind NirvanCare's robust infrastructure. Proficient in various programming languages, Shreenath's expertise ensures seamless functionality and security of the platform. Beyond coding, he finds solace in the game of tennis, showcasing not only technical prowess but also a flair for sportsmanship.</**p**>

</**div**>

</**div**>

<!-- Founder 3 -->

<**div** class=*"founder"*>

<**img** src=*"data:image/jpeg;base64,"* alt=*"Founder 3 Photo"* class=*"founder-photo"*>

<**div** class=*"founder-info"*>

<**h2**>Om Nikam</**h2**>

<**p**>Om Nikam, also from <**span** style="color:*red*">Nashik</**span**> and a graduate of <**span** style="color:*blue*">Wisdom High International</**span**>, contributes significantly to NirvanCare's Data management. With adept skills in coding and problem-solving, Om ensures the platform's efficiency. Outside work, his love for food takes center stage, adding a delightful flavor to his personality. Om's dedication and technical prowess play a vital role in shaping NirvanCare's robust infrastructure.</**p**>

</**div**>

</**div**>

<!-- Founder 4 -->

<**div** class=*"founder"*>

<**img** src=*"data:image/jpeg;base64,"* alt=*"Founder 4 Photo"* class=*"founder-photo"*>

<**div** class=*"founder-info"*>

<**h2**>Vikas Chape</**h2**>

<**p**>Vikas Chape, hailing from <**span** style="color:*blue*">Aurangabad</**span**> (<**span** style="color:*red*">Chatrapati Sambhaji Nagar</**span**>), contributed significantly to NirvanCare. Proficient in mathematics, he played a pivotal role in its development. Engaged in various aspects of the project, his expertise elevated its quality. Beyond work, Vikas is passionate about social initiatives, dedicating time to community welfare. His commitment and skills have been invaluable, shaping NirvanCare's success.</**p**>

</**div**>

</**div**>

</**div**>

</**section**>

<**section** id=*"contact"*>

<**h2**>Patient Report:</**h2**>

<**form** action=*"/submitpatinetreport"* method=*"POST"* enctype=*"multipart/form-data"*>

<**input** type=*"text"* name=*"patientid"* placeholder=*"Patient id"* required>

<**input** type=*"email"* name=*"patientemail"* placeholder=*"Patient Email"* required>

<**input** type=*"text"* name=*"docId"* placeholder=*"Document Id"* required>

<**textarea** name=*"patientmsg"* placeholder=*"Your Message"* rows=*"4"* required></**textarea**>

<**input** type=*"file"* name=*"files"* accept=*".pdf"* required>

<**button** type=*"submit"*>Submit Report</**button**>

</**form**>

</**section**>

<!-- Footer -->

<**footer**>

<**p**>&copy; 2024 All rights reserved.</**p**>

</**footer**>

</**body**>

</**html**>

<!**DOCTYPE** html>

<**html** lang=*"en"* xmlns:th=*"http://www.thymeleaf.org"*>

<**head**>

<**meta** charset=*"UTF-8"*>

<**meta** name=*"viewport"* content=*"width=device-width, initial-scale=1.0"*>

<**title**>Pharmacy Dashboard</**title**>

<**link** rel=*"stylesheet"* href=*"styles.css"*>

<**script** src=*"https://kit.fontawesome.com/a076d05399.js"*></**script**>

<**style**>

/\* Reset default margin and padding \*/

{

margin: *0*;

padding: *0*;

box-sizing: *border-box*;

}

/\* Body styles \*/

body {

font-family: *Arial, sans-serif*;

background-color: *#f0f0f0*;

}

/\* Container styles \*/

.container {

max-width: *1200px*;

margin: *20px auto*;

padding: *20px*;

background-color: *#fff*;

border-radius: *8px*;

box-shadow: *0 0 10px rgba(0, 0, 0, 0.1)*;

}

/\* Table styles \*/

table {

width: *100%*;

border-collapse: *collapse*;

margin-top: *20px*;

}

thead {

background-color: *#4CAF50*;

color: *white*;

}

th, td {

padding: *12px 15px*;

text-align: *left*;

border-bottom: *1px solid #ddd*;

}

th {

font-weight: *bold*;

}

/\* Hover effect for table rows \*/

tbody tr:hover {

background-color: *#f2f2f2*;

}

/\* Action links \*/

.action-link {

color: *#007bff*;

text-decoration: *none*;

margin-right: *10px*;

transition: *color 0.3s*;

}

.action-link:hover {

color: *#0056b3*;

}

/\* Responsive design for smaller screens \*/

@media (max-width: 768px) {

.container {

padding: *10px*;

}

table {

font-size: *14px*;

}

th, td {

padding: *10px*;

}

}

</**style**>

</**head**>

<**body**>

<**div** class=*"container"*>

<**h2**>Pharmacyist Requests</**h2**>

<**table**>

<**thead**>

<**tr**>

<**th**>ID</**th**>

<**th**>Name</**th**>

<**th**>Email</**th**>

<**th**>Specialty</**th**>

<**th**>Contact</**th**>

<**th**>proof</**th**>

<**th**>Action</**th**>

</**tr**>

</**thead**>

<**tbody**>

<!-- Iterate over doctorRequests and display each request -->

<**tr** th:each=*"request : ${pharmacyrequests}"*>

<**td** th:text=*"${request.id}"*></**td**>

<**td** th:text=*"${request.name}"*></**td**>

<**td** th:text=*"${request.email}"*></**td**>

<**td** th:text=*"${request.catagory}"*></**td**>

<**td** th:text=*"${request.contact}"*></**td**>

<!--<td th:text="${request.image}">><a href=""></a>view</td>-->

<**td**>

<**a** th:href=*"@{'/viewPDF/' + ${request.image}}"* target=*"\_blank"* class=*"action-link"*><**button** class=*"btn btn-danger"*>view</**button**> </**a**>

</**td**>

</**td**>

<**td**>

<**a** th:href=*"@{'/pharmacyonreq/approve/' + ${request.id}}"* class=*"action-link"*>Accept</**a**>

<**a** th:href=*"@{'/pharmacyonreq/reject/' + ${request.id}}"* class=*"action-link"*>Reject</**a**>

</**td**>

</**tr**>

</**tbody**>

</**table**>

</**div**>

</**body**>

</**html**>

<!--

<!DOCTYPE html>

<html lang="en" xmlns:th="http://www.thymeleaf.org">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Image Upload Form</title>

<style>

body {

font-family: Arial, sans-serif;

}

.container {

max-width: 600px;

margin: 0 auto;

padding: 20px;

text-align: center;

}

.preview {

margin-top: 20px;

}

.preview img {

max-width: 100%;

height: auto;

}

</style>

</head>

<body>

<div class="container">

<h1>Upload and Preview Image</h1>

<form action="/keysubmitted" method="post">

<input type="text" class="modal-input" name="skey" placeholder="Enter Your Email Id Here"/>

<input type="text" class="modal-input" name="pid" placeholder="Enter Your Email Id Here" th:value="${patientId}"/>

<input type="text" class="modal-input" name="pemail" placeholder="Enter Your Email Id Here" th:value="${email}"/>

<input type="text" class="modal-input" name="msg" placeholder="Enter Your Email Id Here" th:value="${msg}"/>

<input type="text" class="modal-input" name="docid" "Enter Your Email Id Here" th:value="${docId}"/>

<input type="text" class="modal-input" name="sid" placeholder="Enter Your Staff Id Here" "/>

<input type="submit" class="modal-submit-btn" value="Submit"/>

</form>

<div class="preview" id="imagePreview">

<p>No image selected</p>

</div>

</div>

<script>

document.getElementById('imageInput').addEventListener('change', function(event) {

const preview = document.getElementById('imagePreview');

const file = event.target.files[0];

if (file) {

const reader = new FileReader();

reader.onload = function(e) {

preview.innerHTML = `<img src="${e.target.result}" alt="Selected Image">`;

};

reader.readAsDataURL(file);

} else {

preview.innerHTML = `<p>No image selected</p>`;

}

});

</script>

</body>

</html>

-->

<!**DOCTYPE** html>

<**html** lang=*"en"* xmlns:th=*"http://www.thymeleaf.org"*>

<**head**>

<**meta** charset=*"UTF-8"*>

<**meta** name=*"viewport"* content=*"width=device-width, initial-scale=1.0"*>

<**title**>Image Upload Form</**title**>

<**style**>

body {

font-family: *'Arial', sans-serif*;

background-color: *#f0f2f5*;

margin: *0*;

padding: *0*;

display: *flex*;

justify-content: *center*;

align-items: *center*;

height: *100vh*;

}

.container {

max-width: *600px*;

margin: *0 auto*;

padding: *20px*;

background-color: *#ffffff*;

box-shadow: *0 0 10px rgba(0, 0, 0, 0.1)*;

border-radius: *8px*;

text-align: *center*;

}

h1 {

color: *#333333*;

}

form {

display: *flex*;

flex-direction: *column*;

}

.modal-input {

margin: *10px 0*;

padding: *10px*;

border: *1px solid #cccccc*;

border-radius: *4px*;

font-size: *16px*;

width: *calc(100%* - *22px)*; /\* Account for padding and border \*/

}

.modal-submit-btn {

margin-top: *20px*;

padding: *10px*;

border: *none*;

border-radius: *4px*;

background-color: *#4CAF50*;

color: *white*;

font-size: *16px*;

cursor: *pointer*;

transition: *background-color 0.3s*;

}

.modal-submit-btn:hover {

background-color: *#45a049*;

}

.preview {

margin-top: *20px*;

padding: *10px*;

border: *1px solid #cccccc*;

border-radius: *4px*;

background-color: *#f9f9f9*;

}

.preview img {

max-width: *100%*;

height: *auto*;

}

.preview p {

color: *#888888*;

}

</**style**>

</**head**>

<**body**>

<**div** class=*"container"*>

<**h1**>Upload and Preview Image</**h1**>

<**form** action=*"/pkeysubmitted"* method=*"post"*>

<**input** type=*"text"* class=*"modal-input"* name=*"skey"* placeholder=*"Enter Department Secret key"* required />

<**input** type=*"text"* class=*"modal-input"* name=*"pid"* placeholder=*"Enter Your Email Id Here"* th:value=*"${patientId}"* required />

<**input** type=*"text"* class=*"modal-input"* name=*"pemail"* placeholder=*"Enter Your Email Id Here"* th:value=*"${email}"* required />

<**input** type=*"text"* class=*"modal-input"* name=*"msg"* placeholder=*"Enter Your Email Id Here"* th:value=*"${msg}"* required />

<**input** type=*"text"* class=*"modal-input"* name=*"docid"* placeholder=*"Enter Your Email Id Here"* th:value=*"${docId}"* required />

<**input** type=*"text"* class=*"modal-input"* name=*"sid"* placeholder=*"Enter Your Staff Id Here"* required />

<**input** type=*"submit"* class=*"modal-submit-btn"* value=*"Submit"* />

</**form**>

</**div**>

<**script**>

document.getElementById('imageInput').addEventListener('change', **function**(event) {

**const** preview = document.getElementById('imagePreview');

**const** file = event.target.files[0];

**if** (file) {

**const** reader = **new** FileReader();

reader.onload = **function**(e) {

preview.innerHTML = `<img src="${e.target.result}" alt="Selected Image">`;

};

reader.readAsDataURL(file);

} **else** {

preview.innerHTML = `<p>No image selected</p>`;

}

});

</**script**>

</**body**>

</**html**>

<!--

<!DOCTYPE html>

<html lang="en" xmlns:th="http://www.thymeleaf.org">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Image Upload Form</title>

<style>

body {

font-family: Arial, sans-serif;

}

.container {

max-width: 600px;

margin: 0 auto;

padding: 20px;

text-align: center;

}

.preview {

margin-top: 20px;

}

.preview img {

max-width: 100%;

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</head>

<body>

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<h1>Upload and Preview Image</h1>

<form action="/keysubmitted" method="post">

<input type="text" class="modal-input" name="skey" placeholder="Enter Your Email Id Here"/>

<input type="text" class="modal-input" name="pid" placeholder="Enter Your Email Id Here" th:value="${patientId}"/>

<input type="text" class="modal-input" name="pemail" placeholder="Enter Your Email Id Here" th:value="${email}"/>

<input type="text" class="modal-input" name="msg" placeholder="Enter Your Email Id Here" th:value="${msg}"/>

<input type="text" class="modal-input" name="docid" "Enter Your Email Id Here" th:value="${docId}"/>

<input type="text" class="modal-input" name="sid" placeholder="Enter Your Staff Id Here" "/>

<input type="submit" class="modal-submit-btn" value="Submit"/>

</form>

<div class="preview" id="imagePreview">

<p>No image selected</p>

</div>

</div>

<script>

document.getElementById('imageInput').addEventListener('change', function(event) {

const preview = document.getElementById('imagePreview');

const file = event.target.files[0];

if (file) {

const reader = new FileReader();

reader.onload = function(e) {

preview.innerHTML = `<img src="${e.target.result}" alt="Selected Image">`;

};

reader.readAsDataURL(file);

} else {

preview.innerHTML = `<p>No image selected</p>`;

}

});

</script>

</body>

</html>

-->

<!**DOCTYPE** html>

<**html** lang=*"en"* xmlns:th=*"http://www.thymeleaf.org"*>

<**head**>

<**meta** charset=*"UTF-8"*>

<**meta** name=*"viewport"* content=*"width=device-width, initial-scale=1.0"*>

<**title**>Image Upload Form</**title**>

<**style**>

body {

font-family: *'Arial', sans-serif*;

background-color: *#f0f2f5*;

margin: *0*;

padding: *0*;

display: *flex*;

justify-content: *center*;

align-items: *center*;

height: *100vh*;

}

.container {

max-width: *600px*;

margin: *0 auto*;

padding: *20px*;

background-color: *#ffffff*;

box-shadow: *0 0 10px rgba(0, 0, 0, 0.1)*;

border-radius: *8px*;

text-align: *center*;

}

h1 {

color: *#333333*;

}

form {

display: *flex*;

flex-direction: *column*;

}

.modal-input {

margin: *10px 0*;

padding: *10px*;

border: *1px solid #cccccc*;

border-radius: *4px*;

font-size: *16px*;

width: *calc(100%* - *22px)*; /\* Account for padding and border \*/

}

.modal-submit-btn {

margin-top: *20px*;

padding: *10px*;

border: *none*;

border-radius: *4px*;

background-color: *#4CAF50*;

color: *white*;

font-size: *16px*;

cursor: *pointer*;

transition: *background-color 0.3s*;

}

.modal-submit-btn:hover {

background-color: *#45a049*;

}

.preview {

margin-top: *20px*;

padding: *10px*;

border: *1px solid #cccccc*;

border-radius: *4px*;

background-color: *#f9f9f9*;

}

.preview img {

max-width: *100%*;

height: *auto*;

}

.preview p {

color: *#888888*;

}

</**style**>

</**head**>

<**body**>

<**div** class=*"container"*>

<**h1**>Upload and Preview Image</**h1**>

<**form** action=*"/rkeysubmitted"* method=*"post"*>

<**input** type=*"text"* class=*"modal-input"* name=*"skey"* placeholder=*"Enter Department Secret key"* required />

<**input** type=*"text"* class=*"modal-input"* name=*"pid"* placeholder=*"Enter Your Email Id Here"* th:value=*"${patientId}"* required />

<**input** type=*"text"* class=*"modal-input"* name=*"pemail"* placeholder=*"Enter Your Email Id Here"* th:value=*"${email}"* required />

<**input** type=*"text"* class=*"modal-input"* name=*"msg"* placeholder=*"Enter Your Email Id Here"* th:value=*"${msg}"* required />

<**input** type=*"text"* class=*"modal-input"* name=*"docid"* placeholder=*"Enter Your Email Id Here"* th:value=*"${docId}"* required />

<**input** type=*"text"* class=*"modal-input"* name=*"sid"* placeholder=*"Enter Your Staff Id Here"* required />

<**input** type=*"submit"* class=*"modal-submit-btn"* value=*"Submit"* />

</**form**>

</**div**>

<**script**>

document.getElementById('imageInput').addEventListener('change', **function**(event) {

**const** preview = document.getElementById('imagePreview');

**const** file = event.target.files[0];

**if** (file) {

**const** reader = **new** FileReader();

reader.onload = **function**(e) {

preview.innerHTML = `<img src="${e.target.result}" alt="Selected Image">`;

};

reader.readAsDataURL(file);

} **else** {

preview.innerHTML = `<p>No image selected</p>`;

}

});

</**script**>

</**body**>

</**html**>

<!**DOCTYPE** html>

<**html** lang=*"en"* xmlns:th=*"http://www.thymeleaf.org"*>

<**head**>

<**meta** charset=*"ISO-8859-1"*>

<**title**>Surgeon Registration | Login</**title**>

<**style**>

@import *url('https://fonts.googleapis.com/css?family=Poppins:400,500,600,700&display=swap')*;

\*{

margin: *0*;

padding: *0*;

box-sizing: *border-box*;

font-family: *'Poppins', sans-serif*;

}

html,body{

display: *grid*;

height: *100%*;

width: *100%*;

place-items: *center*;

background: *-webkit-linear-gradient(left, #a445b2, #fa4299)*;

}

::selection{

background: *#fa4299*;

color: *#fff*;

}

.wrapper{

overflow: *hidden*;

max-width: *390px*;

background: *#fff*;

padding: *30px*;

border-radius: *5px*;

box-shadow: *0px 15px 20px rgba(0,0,0,0.1)*;

}

.wrapper .title-text{

display: *flex*;

width: *200%*;

}

.wrapper .title{

width: *50%*;

font-size: *35px*;

font-weight: *600*;

text-align: *center*;

transition: *all 0.6s cubic-bezier(0.68,-0.55,0.265,1.55)*;

}

.wrapper .slide-controls{

position: *relative*;

display: *flex*;

height: *50px*;

width: *100%*;

overflow: *hidden*;

margin: *30px 0 10px 0*;

justify-content: *space-between*;

border: *1px solid lightgrey*;

border-radius: *5px*;

}

.slide-controls .slide{

height: *100%*;

width: *100%*;

color: *#fff*;

font-size: *18px*;

font-weight: *500*;

text-align: *center*;

line-height: *48px*;

cursor: *pointer*;

z-index: *1*;

transition: *all 0.6s ease*;

}

.slide-controls label.signup{

color: *#000*;

}

.slide-controls .slider-tab{

position: *absolute*;

height: *100%*;

width: *50%*;

left: *0*;

z-index: *0*;

border-radius: *5px*;

background: *-webkit-linear-gradient(left, #a445b2, #fa4299)*;

transition: *all 0.6s cubic-bezier(0.68,-0.55,0.265,1.55)*;

}

input[type="radio"]{

display: *none*;

}

#signup:checked ~ .slider-tab{

left: *50%*;

}

#signup:checked ~ label.signup{

color: *#fff*;

cursor: *default*;

user-select: *none*;

}

#signup:checked ~ label.login{

color: *#000*;

}

#login:checked ~ label.signup{

color: *#000*;

}

#login:checked ~ label.login{

cursor: *default*;

user-select: *none*;

}

.wrapper .form-container{

width: *100%*;

overflow: *hidden*;

}

.form-container .form-inner{

display: *flex*;

width: *200%*;

}

.form-container .form-inner form{

width: *50%*;

transition: *all 0.6s cubic-bezier(0.68,-0.55,0.265,1.55)*;

}

.form-inner form .field{

height: *50px*;

width: *100%*;

margin-top: *20px*;

}

.form-inner form .field input{

height: *100%*;

width: *100%*;

outline: *none*;

padding-left: *15px*;

border-radius: *5px*;

border: *1px solid lightgrey*;

border-bottom-width: *2px*;

font-size: *17px*;

transition: *all 0.3s ease*;

}

.form-inner form .field input:focus{

border-color: *#fc83bb*;

/\* box-shadow: inset 0 0 3px #fb6aae; \*/

}

.form-inner form .field input::placeholder{

color: *#999*;

transition: *all 0.3s ease*;

}

form .field input:focus::placeholder{

color: *#b3b3b3*;

}

.form-inner form .pass-link{

margin-top: *5px*;

}

.form-inner form .signup-link{

text-align: *center*;

margin-top: *30px*;

}

.form-inner form .pass-link a,

.form-inner form .signup-link a{

color: *#fa4299*;

text-decoration: *none*;

}

.form-inner form .pass-link a:hover,

.form-inner form .signup-link a:hover{

text-decoration: *underline*;

}

form .btn{

height: *50px*;

width: *100%*;

border-radius: *5px*;

position: *relative*;

overflow: *hidden*;

}

form .btn .btn-layer{

height: *100%*;

width: *300%*;

position: *absolute*;

left: *-100%*;

background: *-webkit-linear-gradient(right, #a445b2, #fa4299, #a445b2, #fa4299)*;

border-radius: *5px*;

transition: *all 0.4s ease*;;

}

form .btn:hover .btn-layer{

left: *0*;

}

form .btn input[type="submit"]{

height: *100%*;

width: *100%*;

z-index: *1*;

position: *relative*;

background: *none*;

border: *none*;

color: *#fff*;

padding-left: *0*;

border-radius: *5px*;

font-size: *20px*;

font-weight: *500*;

cursor: *pointer*;

}

</**style**>

</**head**>

<**body**>

<**div** class=*"wrapper"*>

<**div** class=*"title-text"*>

<**div** class=*"title login"*>

Login Form

</**div**>

<**div** class=*"title signup"*>

Signup Form

</**div**>

</**div**>

<**div** class=*"form-container"*>

<**div** class=*"slide-controls"*>

<**input** type=*"radio"* name=*"slide"* id=*"login"* checked>

<**input** type=*"radio"* name=*"slide"* id=*"signup"*>

<**label** for=*"login"* class=*"slide login"*>Login</**label**>

<**label** for=*"signup"* class=*"slide signup"*>Signup</**label**>

<**div** class=*"slider-tab"*></**div**>

</**div**>

<!--signin-->

<**div** class=*"form-inner"*>

<**form** action=*"/surgeonlogin"* class=*"login"* method=*"post"*>

<**div** class=*"field"*>

<**input** type=*"text"* placeholder=*"Email Address"* name=*"email"* required>

</**div**>

<**div** class=*"field"*>

<**input** type=*"password"* placeholder=*"Password"* name=*"password"* required>

</**div**>

<!-- <div class="pass-link">

<a href="#">Forgot password?</a>

</div>-->

<**div** class=*"field btn"*>

<**div** class=*"btn-layer"*></**div**>

<**input** type=*"submit"* value=*"Login"*>

</**div**>

<!-- <div class="signup-link">

Not a member? <a href="">Signup now</a>

</div>-->

</**form**>

<!--signup-->

<**form** action=*"/surgeonregister"* class=*"signup"* method=*"post"* enctype=*"multipart/form-data"*>

<**div** class=*"field"*>

<**input** type=*"text"* placeholder=*"name"* name=*"name"* required>

</**div**>

<**div** class=*"field"*>

<**input** type=*"text"* placeholder=*"Email Address"* name=*"email"* required>

</**div**>

<**div** class=*"field"*>

<**input** type=*"password"* placeholder=*"Password"* name=*"password"* required>

</**div**>

<**div** class=*"field"*>

<**input** type=*"file"* placeholder=*"Upload"* name=*"image"* required>

</**div**>

<**div** class=*"field"*>

<**input** type=*"tel"* placeholder=*"id"* name=*"contact"* required>

</**div**>

<**div** class=*"field btn"*>

<**div** class=*"btn-layer"*></**div**>

<**input** type=*"submit"* value=*"Signup"*>

</**div**>

</**form**>

</**div**>

</**div**>

</**div**>

<**script**>

**const** loginText = document.querySelector(".title-text .login");

**const** loginForm = document.querySelector("form.login");

**const** loginBtn = document.querySelector("label.login");

**const** signupBtn = document.querySelector("label.signup");

**const** signupLink = document.querySelector("form .signup-link a");

signupBtn.onclick = (()=>{

loginForm.style.marginLeft = "-50%";

loginText.style.marginLeft = "-50%";

});

loginBtn.onclick = (()=>{

loginForm.style.marginLeft = "0%";

loginText.style.marginLeft = "0%";

});

signupLink.onclick = (()=>{

signupBtn.click();

**return** **false**;

});

</**script**>

</**body**>

</**html**><!--

<!DOCTYPE html>

<html lang="en" xmlns:th="http://www.thymeleaf.org">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Image Upload Form</title>

<style>

body {

font-family: Arial, sans-serif;

}

.container {

max-width: 600px;

margin: 0 auto;

padding: 20px;

text-align: center;

}

.preview {

margin-top: 20px;

}

.preview img {

max-width: 100%;

height: auto;

}

</style>

</head>

<body>

<div class="container">

<h1>Upload and Preview Image</h1>

<form action="/keysubmitted" method="post">

<input type="text" class="modal-input" name="skey" placeholder="Enter Your Email Id Here"/>

<input type="text" class="modal-input" name="pid" placeholder="Enter Your Email Id Here" th:value="${patientId}"/>

<input type="text" class="modal-input" name="pemail" placeholder="Enter Your Email Id Here" th:value="${email}"/>

<input type="text" class="modal-input" name="msg" placeholder="Enter Your Email Id Here" th:value="${msg}"/>

<input type="text" class="modal-input" name="docid" "Enter Your Email Id Here" th:value="${docId}"/>

<input type="text" class="modal-input" name="sid" placeholder="Enter Your Staff Id Here" "/>

<input type="submit" class="modal-submit-btn" value="Submit"/>

</form>

<div class="preview" id="imagePreview">

<p>No image selected</p>

</div>

</div>

<script>

document.getElementById('imageInput').addEventListener('change', function(event) {

const preview = document.getElementById('imagePreview');

const file = event.target.files[0];

if (file) {

const reader = new FileReader();

reader.onload = function(e) {

preview.innerHTML = `<img src="${e.target.result}" alt="Selected Image">`;

};

reader.readAsDataURL(file);

} else {

preview.innerHTML = `<p>No image selected</p>`;

}

});

</script>

</body>

</html>

-->

<!**DOCTYPE** html>

<**html** lang=*"en"* xmlns:th=*"http://www.thymeleaf.org"*>

<**head**>

<**meta** charset=*"UTF-8"*>

<**meta** name=*"viewport"* content=*"width=device-width, initial-scale=1.0"*>

<**title**> Upload Form</**title**>

<**style**>

body {

font-family: *'Arial', sans-serif*;

background-color: *#f0f2f5*;

margin: *0*;

padding: *0*;

display: *flex*;

justify-content: *center*;

align-items: *center*;

height: *100vh*;

}

.container {

max-width: *600px*;

margin: *0 auto*;

padding: *20px*;

background-color: *#ffffff*;

box-shadow: *0 0 10px rgba(0, 0, 0, 0.1)*;

border-radius: *8px*;

text-align: *center*;

}

h1 {

color: *#333333*;

}

form {

display: *flex*;

flex-direction: *column*;

}

.modal-input {

margin: *10px 0*;

padding: *10px*;

border: *1px solid #cccccc*;

border-radius: *4px*;

font-size: *16px*;

width: *calc(100%* - *22px)*; /\* Account for padding and border \*/

}

.modal-submit-btn {

margin-top: *20px*;

padding: *10px*;

border: *none*;

border-radius: *4px*;

background-color: *#4CAF50*;

color: *white*;

font-size: *16px*;

cursor: *pointer*;

transition: *background-color 0.3s*;

}

.modal-submit-btn:hover {

background-color: *#45a049*;

}

.preview {

margin-top: *20px*;

padding: *10px*;

border: *1px solid #cccccc*;

border-radius: *4px*;

background-color: *#f9f9f9*;

}

.preview img {

max-width: *100%*;

height: *auto*;

}

.preview p {

color: *#888888*;

}

</**style**>

</**head**>

<**body**>

<**div** class=*"container"*>

<**h1**>Upload and Preview Image</**h1**>

<**form** action=*"/ukeysubmitted"* method=*"post"*>

<**input** type=*"text"* class=*"modal-input"* name=*"skey"* placeholder=*"Enter Department Secret key"* required />

<**input** type=*"text"* class=*"modal-input"* name=*"pid"* placeholder=*"Enter Your Email Id Here"* th:value=*"${patientId}"* required />

<**input** type=*"text"* class=*"modal-input"* name=*"pemail"* placeholder=*"Enter Your Email Id Here"* th:value=*"${email}"* required />

<**input** type=*"text"* class=*"modal-input"* name=*"msg"* placeholder=*"Enter Your Email Id Here"* th:value=*"${msg}"* required />

<**input** type=*"text"* class=*"modal-input"* name=*"docid"* placeholder=*"Enter Your Email Id Here"* th:value=*"${docId}"* required />

<**input** type=*"text"* class=*"modal-input"* name=*"sid"* placeholder=*"Enter Your Staff Id Here"* required />

<**input** type=*"submit"* class=*"modal-submit-btn"* value=*"Submit"* />

</**form**>

</**div**>

<**script**>

document.getElementById('imageInput').addEventListener('change', **function**(event) {

**const** preview = document.getElementById('imagePreview');

**const** file = event.target.files[0];

**if** (file) {

**const** reader = **new** FileReader();

reader.onload = **function**(e) {

preview.innerHTML = `<img src="${e.target.result}" alt="Selected Image">`;

};

reader.readAsDataURL(file);

} **else** {

preview.innerHTML = `<p>No image selected</p>`;

}

});

</**script**>

</**body**>

</**html**>

<!**DOCTYPE** html>

<**html** lang=*"en"* xmlns:th=*"http://www.thymeleaf.org"*>

<**head**>

<**meta** charset=*"UTF-8"*>

<**meta** name=*"viewport"* content=*"width=device-width, initial-scale=1.0"*>

<**meta** name=*"description"* content=*""*>

<**meta** name=*"author"* content=*""*>

<**title**>SECURE - HEALTHCARE MANAGEMENT SYSTEM</**title**>

<**link** rel=*"stylesheet"* href=*"css/font-awesome.min.css"*>

<**link** rel=*"stylesheet"* href=*"css/bootstrap.min.css"*>

<**link** rel=*"stylesheet"* href=*"css/style.css"*>

<**link** href=*'http://fonts.googleapis.com/css?family=Open+Sans:600italic,400,800,700,300'* rel=*'stylesheet'* type=*'text/css'*>

<**link** href=*'http://fonts.googleapis.com/css?family=BenchNine:300,400,700'* rel=*'stylesheet'* type=*'text/css'*>

<**link** rel=*"stylesheet"* href=*"https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.15.4/css/all.min.css"*>

<**script** src=*"js/modernizr.js"*></**script**>

<!--[if lt IE 9]>

<script src="js/html5shiv.js"></script>

<script src="js/respond.min.js"></script>

<![endif]-->

</**head**>

<**body**>

<!--header section -->

<**header** class=*"top-header"*>

<**div** class=*"container"*>

<**div** class=*"row"*>

<!--<div class="col-xs-5 header-logo">

<br>

<a href="#"><img src="img/logo.png" alt="" class="img-responsive logo"></a>

</div>-->

<**div** class=*"col-md-7"*>

<**nav** class=*"navbar navbar-default"*>

<**div** class=*"container-fluid nav-bar"*>

<!-- Brand and toggle get grouped for better mobile display -->

<**div** class=*"navbar-header"*>

<**button** type=*"button"* class=*"navbar-toggle collapsed"* data-toggle=*"collapse"* data-target=*"#bs-example-navbar-collapse-1"*>

<**span** class=*"sr-only"*>Toggle navigation</**span**>

<**span** class=*"icon-bar"*></**span**>

<**span** class=*"icon-bar"*></**span**>

<**span** class=*"icon-bar"*></**span**>

</**button**>

</**div**>

<!-- Collect the nav links, forms, and other content for toggling -->

<**div** class=*"collapse navbar-collapse"* id=*"bs-example-navbar-collapse-1"*>

<**ul** class=*"nav navbar-nav navbar-right"*>

<**li**><**a** class=*"menu active"* href=*"/"*><**i** class=*"fas fa-home"*></**i**> Home</**a**></**li**>

<**li**><**a** class=*"menu"* href=*"/ulogin"*><**i** class=*"fas fa-users"*></**i**> Users</**a**></**li**>

<**li**><**a** class=*"menu"* href=*"/Docloginn"*><**i** class=*"fas fa-user-md"*></**i**> Doctors</**a**></**li**>

<**li**><**a** class=*"menu"* href=*"/surgeonreglogin"*><**i** class=*"fas fa-info-circle"*></**i**> Surgeon</**a**></**li**>

<**li**><**a** class=*"menu"* href=*"/Radiologistreglogin"*><**i** class=*"fas fa-info-circle"*></**i**> Radiologist</**a**></**li**>

<**li**><**a** class=*"menu"* href=*"/Pharmacyreglogin"*><**i** class=*"fas fa-info-circle"*></**i**> Pharmacy</**a**></**li**>

<**li**><**a** class=*"menu"* href=*"/adminlogin"*><**i** class=*"fas fa-user-shield"*></**i**> Admin</**a**></**li**>

</**ul**>

</**div**><!-- /navbar-collapse -->

</**div**><!-- / .container-fluid -->

</**nav**>

</**div**>

</**div**>

</**div**>

</**header**> <!-- end of header area -->

<!--header section -->

<**header** class=*"top-header"*>

<**div** class=*"container"*>

<**div** class=*"row"*>

<**div** class=*"col-md-7"*>

<**nav** class=*"navbar navbar-default"*>

<**div** class=*"container-fluid nav-bar"*>

<!-- Brand and toggle get grouped for better mobile display -->

<**div** class=*"navbar-header"*>

<**button** type=*"button"* class=*"navbar-toggle collapsed"* data-toggle=*"collapse"* data-target=*"#bs-example-navbar-collapse-1"*>

<**span** class=*"sr-only"*>Toggle navigation</**span**>

<**span** class=*"icon-bar"*></**span**>

<**span** class=*"icon-bar"*></**span**>

<**span** class=*"icon-bar"*></**span**>

</**button**>

</**div**>

<!-- Collect the nav links, forms, and other content for toggling -->

<**div** class=*"collapse navbar-collapse"* id=*"bs-example-navbar-collapse-1"*>

<**ul** class=*"nav navbar-nav navbar-right"*>

<**li**><**a** class=*"menu active"* href=*"/"*><**i** class=*"fas fa-home"*></**i**> Home</**a**></**li**>

<**li**><**a** class=*"menu"* href=*"/ulogin"*><**i** class=*"fas fa-users"*></**i**> Users</**a**></**li**>

<**li**><**a** class=*"menu"* href=*"/Docloginn"*><**i** class=*"fas fa-user-md"*></**i**> Doctors</**a**></**li**>

<**li**><**a** class=*"menu"* href=*"/surgeonreglogin"*><**i** class=*"fas fa-info-circle"*></**i**> Surgeon</**a**></**li**>

<**li**><**a** class=*"menu"* href=*"/Radiologistreglogin"*><**i** class=*"fas fa-info-circle"*></**i**> Radiologist</**a**></**li**>

<**li**><**a** class=*"menu"* href=*"/Pharmacyreglogin"*><**i** class=*"fas fa-info-circle"*></**i**> Pharmacy</**a**></**li**>

<**li**><**a** class=*"menu"* href=*"/adminlogin"*><**i** class=*"fas fa-user-shield"*></**i**> Admin</**a**></**li**>

</**ul**>

</**div**><!-- /.navbar-collapse -->

</**div**><!-- /.container-fluid -->

</**nav**>

</**div**>

</**div**>

</**div**>

</**header**> <!-- end of header area -->

<**section** class=*"slider"* id=*"home"*>

<**div** class=*"container-fluid"*>

<**div** class=*"row"*>

<**div** id=*"carouselHacked"* class=*"carousel slide carousel-fade"* data-ride=*"carousel"*>

<**div** class=*"header-backup"*></**div**>

<!-- Wrapper for slides -->

<**div** class=*"carousel-inner"* role=*"listbox"*>

<**div** class=*"item active"*>

<**img** src=*"img/slide-one.jpg"* alt=*""*>

<**div** class=*"carousel-caption"*>

<**h1**>providing</**h1**>

<**p**>highquality service for men &amp; women</**p**>

<**button**>learn more</**button**>

</**div**>

</**div**>

<**div** class=*"item"*>

<**img** src=*"img/slide-two.jpg"* alt=*""*>

<**div** class=*"carousel-caption"*>

<**h1**>providing</**h1**>

<**p**>highquality service for men &amp; women</**p**>

<**button**>learn more</**button**>

</**div**>

</**div**>

<**div** class=*"item"*>

<**img** src=*"img/slide-three.jpg"* alt=*""*>

<**div** class=*"carousel-caption"*>

<**h1**>providing</**h1**>

<**p**>highquality service for men &amp; women</**p**>

<**button**>learn more</**button**>

</**div**>

</**div**>

<**div** class=*"item"*>

<**img** src=*"img/slide-four.jpg"* alt=*""*>

<**div** class=*"carousel-caption"*>

<**h1**>providing</**h1**>

<**p**>highquality service for men &amp; women</**p**>

<**button**>learn more</**button**>

</**div**>

</**div**>

</**div**>

<!-- Controls -->

<**a** class=*"left carousel-control"* href=*"#carouselHacked"* role=*"button"* data-slide=*"prev"*>

<**span** class=*"glyphicon glyphicon-chevron-left"* aria-hidden=*"true"*></**span**>

<**span** class=*"sr-only"*>Previous</**span**>

</**a**>

<**a** class=*"right carousel-control"* href=*"#carouselHacked"* role=*"button"* data-slide=*"next"*>

<**span** class=*"glyphicon glyphicon-chevron-right"* aria-hidden=*"true"*></**span**>

<**span** class=*"sr-only"*>Next</**span**>

</**a**>

</**div**>

</**div**>

</**div**>

</**section**><!-- end of slider section -->

<!-- about section -->

<**section** class=*"about text-center"* id=*"about"*>

<**div** class=*"container"*>

<**div** class=*"row"*>

<**h2**>about us</**h2**>

<**h4**>Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled</**h4**>

<**div** class=*"col-md-4 col-sm-6"*>

<**div** class=*"single-about-detail clearfix"*>

<**div** class=*"about-img"*>

<**img** class=*"img-responsive"* src=*"img/item1.jpg"* alt=*""*>

</**div**>

<**div** class=*"about-details"*>

<**div** class=*"pentagon-text"*>

<**h1**>C</**h1**>

</**div**>

<**h3**>Children’s specialist</**h3**>

<**p**>Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer.</**p**>

</**div**>

</**div**>

</**div**>

<**div** class=*"col-md-4 col-sm-6"*>

<**div** class=*"single-about-detail"*>

<**div** class=*"about-img"*>

<**img** class=*"img-responsive"* src=*"img/item2.jpg"* alt=*""*>

</**div**>

<**div** class=*"about-details"*>

<**div** class=*"pentagon-text"*>

<**h1**>W</**h1**>

</**div**>

<**h3**>Children’s specialist</**h3**>

<**p**>Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer.</**p**>

</**div**>

</**div**>

</**div**>

<**div** class=*"col-md-4 col-sm-6"*>

<**div** class=*"single-about-detail"*>

<**div** class=*"about-img"*>

<**img** class=*"img-responsive"* src=*"img/item3.jpg"* alt=*""*>

</**div**>

<**div** class=*"about-details"*>

<**div** class=*"pentagon-text"*>

<**h1**>M</**h1**>

</**div**>

<**h3**>Children’s specialist</**h3**>

<**p**>Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer.</**p**>

</**div**>

</**div**>

</**div**>

</**div**>

</**div**>

</**section**><!-- end of about section -->

<!-- service section starts here -->

<**section** class=*"service text-center"* id=*"service"*>

<**div** class=*"container"*>

<**div** class=*"row"*>

<**h2**>our services</**h2**>

<**h4**>Lorem Ipsum has been the industry's standard dummy text ever since the 1500s</**h4**>

<**div** class=*"col-md-3 col-sm-6"*>

<**div** class=*"single-service"*>

<**div** class=*"single-service-img"*>

<**div** class=*"service-img"*>

<**img** class=*"heart img-responsive"* src=*"img/service1.png"* alt=*""*>

</**div**>

</**div**>

<**h3**>Heart problem</**h3**>

</**div**>

</**div**>

<**div** class=*"col-md-3 col-sm-6"*>

<**div** class=*"single-service"*>

<**div** class=*"single-service-img"*>

<**div** class=*"service-img"*>

<**img** class=*"brain img-responsive"* src=*"img/service2.png"* alt=*""*>

</**div**>

</**div**>

<**h3**>brain problem</**h3**>

</**div**>

</**div**>

<**div** class=*"col-md-3 col-sm-6"*>

<**div** class=*"single-service"*>

<**div** class=*"single-service-img"*>

<**div** class=*"service-img"*>

<**img** class=*"knee img-responsive"* src=*"img/service3.png"* alt=*""*>

</**div**>

</**div**>

<**h3**>Radiology</**h3**>

</**div**>

</**div**>

<**div** class=*"col-md-3 col-sm-6"*>

<**div** class=*"single-service"*>

<**div** class=*"single-service-img"*>

<**div** class=*"service-img"*>

<**img** class=*"bone img-responsive"* src=*"img/service4.png"* alt=*""*>

</**div**>

</**div**>

<**h3**>Pharmacy</**h3**>

</**div**>

</**div**>

</**div**>

</**div**>

</**section**><!-- end of service section -->

<!-- team section -->

<**section** class=*"team"* id=*"team"*>

<**div** class=*"container"*>

<**div** class=*"row"*>

<**div** class=*"team-heading text-center"*>

<**h2**>our team</**h2**>

<**h4**>Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled</**h4**>

</**div**>

<**div** class=*"col-md-2 single-member col-sm-4"*>

<**div** class=*"person"*>

<**img** class=*"img-responsive"* src=*"img/member1.jpg"* alt=*"member-1"*>

</**div**>

<**div** class=*"person-detail"*>

<**div** class=*"arrow-bottom"*></**div**>

<**h3**>Dr. M. Weiner, M.D.</**h3**>

<**p**>Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, </**p**>

</**div**>

</**div**>

<**div** class=*"col-md-2 single-member col-sm-4"*>

<**div** class=*"person-detail"*>

<**div** class=*"arrow-top"*></**div**>

<**h3**>Dr. Danielle, M.D.</**h3**>

<**p**>Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, </**p**>

</**div**>

<**div** class=*"person"*>

<**img** class=*"img-responsive"* src=*"img/member2.jpg"* alt=*"member-2"*>

</**div**>

</**div**>

<**div** class=*"col-md-2 single-member col-sm-4"*>

<**div** class=*"person"*>

<**img** class=*"img-responsive"* src=*"img/member3.jpg"* alt=*"member-3"*>

</**div**>

<**div** class=*"person-detail"*>

<**div** class=*"arrow-bottom"*></**div**>

<**h3**>Dr. Caitlin, M.D.</**h3**>

<**p**>Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, </**p**>

</**div**>

</**div**>

<**div** class=*"col-md-2 single-member col-sm-4"*>

<**div** class=*"person-detail"*>

<**div** class=*"arrow-top"*></**div**>

<**h3**>Dr. Joseph, M.D.</**h3**>

<**p**>Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, </**p**>

</**div**>

<**div** class=*"person"*>

<**img** class=*"img-responsive"* src=*"img/member4.jpg"* alt=*"member-4"*>

</**div**>

</**div**>

<**div** class=*"col-md-2 single-member col-sm-4"*>

<**div** class=*"person"*>

<**img** class=*"img-responsive"* src=*"img/member5.jpg"* alt=*"member-5"*>

</**div**>

<**div** class=*"person-detail"*>

<**div** class=*"arrow-bottom"*></**div**>

<**h3**>Dr. Michael, M.D.</**h3**>

<**p**>Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, </**p**>

</**div**>

</**div**>

<**div** class=*"col-md-2 single-member col-sm-4"*>

<**div** class=*"person-detail"*>

<**div** class=*"arrow-top"*></**div**>

<**h3**>Dr. Hasina, M.D.</**h3**>

<**p**>Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, </**p**>

</**div**>

<**div** class=*"person"*>

<**img** class=*"img-responsive"* src=*"img/member6.jpg"* alt=*"member-5"*>

</**div**>

</**div**>

</**div**>

</**div**>

</**section**><!-- end of team section -->

<!-- map section -->

<!--<div class="api-map" id="contact">

<div class="container-fluid">

<div class="row">

<div class="col-md-12 map" id="map"></div>

</div>

</div>

</div>-->

<!-- end of map section -->

<!-- contact section starts here -->

<!--<section class="contact">

<div class="container">

<div class="row">

<div class="contact-caption clearfix">

<div class="contact-heading text-center">

<h2>contact us</h2>

</div>

<div class="col-md-5 contact-info text-left">

<h3>contact information</h3>

<div class="info-detail">

<ul><li><i class="fa fa-calendar"></i><span>Monday - Friday:</span> 9:30 AM to 6:30 PM</li></ul>

<ul><li><i class="fa fa-map-marker"></i><span>Address:</span> 123 Some Street , London, UK, CP 123</li></ul>

<ul><li><i class="fa fa-phone"></i><span>Phone:</span> (032) 987-1235</li></ul>

<ul><li><i class="fa fa-fax"></i><span>Fax:</span> (123) 984-1234</li></ul>

<ul><li><i class="fa fa-envelope"></i><span>Email:</span> info@doctor.com</li></ul>

</div>

</div>

<div class="col-md-6 col-md-offset-1 contact-form">

<h3>leave us a message</h3>

<form class="form">

<input class="name" type="text" placeholder="Name">

<input class="email" type="email" placeholder="Email">

<input class="phone" type="text" placeholder="Phone No:">

<textarea class="message" name="message" id="message" cols="30" rows="10" placeholder="Message"></textarea>

<input class="submit-btn" type="submit" value="SUBMIT">

</form>

</div>

</div>

</div>

</div>

</section>--><!-- end of contact section -->

<!-- footer starts here -->

<**footer** class=*"footer clearfix"*>

<**div** class=*"container"*>

<**div** class=*"row"*>

<**div** class=*"col-xs-6 footer-para"*>

<**p**>&copy;Mostafizur All right reserved</**p**>

</**div**>

<**div** class=*"col-xs-6 text-right"*>

<**a** href=*""*><**i** class=*"fa fa-facebook"*></**i**></**a**>

<**a** href=*""*><**i** class=*"fa fa-twitter"*></**i**></**a**>

<**a** href=*""*><**i** class=*"fa fa-skype"*></**i**></**a**>

</**div**>

</**div**>

</**div**>

</**footer**>

<!-- script tags

============================================================= -->

<**script** src=*"js/jquery-2.1.1.js"*></**script**>

<**script** src=*"http://maps.google.com/maps/api/js?sensor=true"*></**script**>

<**script** src=*"js/gmaps.js"*></**script**>

<**script** src=*"js/smoothscroll.js"*></**script**>

<**script** src=*"js/bootstrap.min.js"*></**script**>

<**script** src=*"js/custom.js"*></**script**>

</**body**>

</**html**><!**DOCTYPE** html>

<**html** lang=*"en"* xmlns:th=*"http://www.thymeleaf.org"*>

<**head**>

<**meta** charset=*"UTF-8"*>

<**meta** name=*"viewport"* content=*"width=device-width, initial-scale=1.0"*>

<**title**>Admin Dashboard</**title**>

<**link** rel=*"stylesheet"* href=*"styles.css"*>

<**script** src=*"https://kit.fontawesome.com/a076d05399.js"*></**script**>

<**style**>

/\* Reset default margin and padding \*/

{

margin: *0*;

padding: *0*;

box-sizing: *border-box*;

}

/\* Body styles \*/

body {

font-family: *Arial, sans-serif*;

background-color: *#f0f0f0*;

}

/\* Container styles \*/

.container {

max-width: *1200px*;

margin: *20px auto*;

padding: *20px*;

background-color: *#fff*;

border-radius: *8px*;

box-shadow: *0 0 10px rgba(0, 0, 0, 0.1)*;

}

/\* Table styles \*/

table {

width: *100%*;

border-collapse: *collapse*;

margin-top: *20px*;

}

thead {

background-color: *#4CAF50*;

color: *white*;

}

th, td {

padding: *12px 15px*;

text-align: *left*;

border-bottom: *1px solid #ddd*;

}

th {

font-weight: *bold*;

}

/\* Hover effect for table rows \*/

tbody tr:hover {

background-color: *#f2f2f2*;

}

/\* Action links \*/

.action-link {

color: *#007bff*;

text-decoration: *none*;

margin-right: *10px*;

transition: *color 0.3s*;

}

.action-link:hover {

color: *#0056b3*;

}

/\* Responsive design for smaller screens \*/

@media (max-width: 768px) {

.container {

padding: *10px*;

}

table {

font-size: *14px*;

}

th, td {

padding: *10px*;

}

}

</**style**>

</**head**>

<**body**>

<**div** class=*"container"*>

<**h2**>Doctor Requests</**h2**>

<**table**>

<**thead**>

<**tr**>

<**th**>Patient ID</**th**>

<**th**>Patient Email</**th**>

<**th**>Description</**th**>

<**th**>Document Name</**th**>

<**th**>Document ID</**th**>

<**th**>Document Type</**th**>

<**th**>Action</**th**>

</**tr**>

</**thead**>

<**tbody**>

<!-- Iterate over doctorRequests and display each request -->

<**tr** th:each=*"request : ${patientreports}"*>

<**td** th:text=*"${request.patientid}"*></**td**>

<**td** th:text=*"${request.email}"*></**td**>

<**td** th:text=*"${request.msg}"*></**td**>

<**td** th:text=*"${request.docName}"*></**td**>

<**td** th:text=*"${request.docId}"*></**td**>

<**td** th:text=*"${request.docType}"*></**td**>

<!--<td th:text="${request.image}">><a href=""></a>view</td>-->

</**td**>

<**td**>

<**a** th:href = *"@{'/ppopupredirect?id=' + ${request.id} + '&patientid=' + ${request.patientid} + '&email=' + ${request.email} + '&msg=' + ${request.msg} + '&docId=' + ${request.docId} }"* class=*"action-link"*>Request</**a**>

</**td**>

</**tr**>

</**tbody**>

</**table**>

</**div**>

</**body**>

</**html**>

**package com.spring.graph.api.encryptionservice;**

**import org.springframework.stereotype.Service;**

**import com.spring.graph.api.algorithms.AESUtil;**

**import javax.crypto.SecretKey;**

**@Service**

**public class EncryptionService {**

**private final SecretKey secretKey;**

**public EncryptionService() throws Exception {**

**// Generate a new AES key. You can save this key securely and reuse it.**

**this.secretKey = AESUtil.generateKey(256);**

**}**

**public String encryptData(byte[] bs) throws Exception {**

**return AESUtil.encrypt(bs, secretKey);**

**}**

**public String decryptData(String encryptedData) throws Exception {**

**return AESUtil.decrypt(encryptedData, secretKey);**

**}**

**public String getSecretKey() {**

**return AESUtil.keyToString(secretKey);**

**}**

**}**

**package com.spring.graph.api.controller;**

**import java.io.IOException;**

**import java.nio.file.Files;**

**import java.nio.file.Path;**

**import java.nio.file.Paths;**

**import java.security.SecureRandom;**

**import java.util.List;**

**import java.io.File;**

**import org.springframework.http.HttpHeaders;**

**import org.springframework.http.MediaType;**

**import org.springframework.web.bind.annotation.GetMapping;**

**import org.springframework.web.bind.annotation.RequestParam;**

**import org.springframework.beans.factory.annotation.Autowired;**

**import org.springframework.core.io.FileSystemResource;**

**import org.springframework.http.ResponseEntity;**

**import org.springframework.ui.Model;**

**import org.springframework.web.bind.annotation.ModelAttribute;**

**import org.springframework.web.bind.annotation.PathVariable;**

**import org.springframework.web.bind.annotation.PostMapping;**

**import org.springframework.web.multipart.MultipartFile;**

**import com.spring.graph.api.entity.Adminentity;**

**import com.spring.graph.api.entity.Docterreg;**

**import com.spring.graph.api.entity.sdocrequet;**

**import com.spring.graph.api.repository.Docregrepository;**

**import com.spring.graph.api.repository.patientdocrepo;**

**import com.spring.graph.api.services.Docservice;**

**import com.spring.graph.api.services.patientdocservice;**

**import jakarta.servlet.http.HttpSession;**

**@org.springframework.stereotype.Controller**

**public class Controller {**

**@Autowired**

**Docservice docservice;**

**@Autowired**

**private Docregrepository docrepo;**

**@Autowired**

**private patientdocrepo prepo;**

**@Autowired**

**private patientdocservice pservice;**

**private static final String CHARACTERS = "ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz0123456789";**

**private static final int KEY\_LENGTH = 5;**

**@GetMapping("/")**

**public String index() {**

**return "index";**

**}**

**@GetMapping("/Docloginn")**

**public String home() {**

**return "Doctors";**

**}**

**@GetMapping("/drequest")**

**public String docreq() {**

**return "drequest";**

**}**

**@GetMapping("/logout")**

**public String logout() {**

**return "Doctors";**

**}**

**@GetMapping("/adminlogin")**

**public String adminlogin() {**

**return "Adminlogin";**

**}**

**@GetMapping("/docreg")**

**public String docreg() {**

**return "docterreg";**

**}**

**//**

**@PostMapping("/docterreg")**

**public String docterreg(@RequestParam("name") String name, @RequestParam("image") MultipartFile Image,**

**@RequestParam("name") String Lname, @RequestParam("Email") String Email,**

**@RequestParam("password") String password,**

**@RequestParam("doctors") String doctors,**

**@RequestParam("contact") String contact,**

**Model model) {**

**// Create a new Dress object**

**Docterreg ob = new Docterreg();**

**ob.setName(name);**

**ob.setStatus("request");**

**ob.setEmail(Email);**

**ob.setDoctors(doctors);**

**ob.setPassword(password);**

**ob.setContact(contact);**

**boolean a = docservice.checkEmail(Email);**

**String message = (a == true) ? "This Mail was Already Exist.." : "Register successfully..";**

**model.addAttribute("msg", message);**

**if (a == false) {**

**try {**

**// Save the dress image**

**String fileName = Image.getOriginalFilename();**

**byte[] imageBytes = Image.getBytes();**

**// Specify the directory where the image will be saved**

**String directory = "src/main/resources/static/images/";**

**// Create the directory if it doesn't exist**

**Files.createDirectories(Paths.get(directory));**

**// Specify the image file path**

**Path imagePath = Paths.get(directory + fileName);**

**// Write the image bytes to the specified path**

**Files.write(imagePath, imageBytes);**

**ob.setImage(fileName);**

**} catch (IOException e) {**

**// Handle the exception (e.g., log the error, show an error message)**

**e.printStackTrace();**

**}**

**docrepo.save(ob);**

**return "Doctors";**

**} else {**

**return "error";**

**}**

**}**

**//Doctor login logics**

**@PostMapping("/dlog")**

**public String loginus(Docterreg sell, Model model) {**

**//UserDtls user = new UserDtls();**

**System.out.println(sell.getEmail());**

**System.out.println(sell.getPassword());**

**Docterreg st=docservice.getdocByEmailAndPassword(sell.getEmail(), sell.getPassword());**

**if (st != null) {**

**// Session attributes are already set in UserService**

**System.out.println(sell.getEmail());**

**// Add email attribute to the model**

**return "docinterface";**

**} else {**

**System.out.println(st);**

**return "Doctors";**

**}**

**}**

**//admin**

**@PostMapping("/adminauthentication")**

**public String loginUser(@ModelAttribute Adminentity hos, Model m) {**

**if (hos.getEmail().equals("admin@gmail.com") && hos.getPassword().equals("admin")) {**

**System.out.println("success");**

**return "adminhome";**

**} else {**

**System.out.println("failure");**

**m.addAttribute("msg", "Invalid username or password");**

**return "error";**

**}**

**}**

**@GetMapping("/viewrequest")**

**public String viewpatient(HttpSession session, Model model) {**

**Docterreg existingUser = docrepo.findByStatus("request");**

**if (existingUser != null) {**

**model.addAttribute("doctorRequests", existingUser);**

**System.out.println(" userappointment " + existingUser.toString());**

**return "drequest";**

**}**

**else {**

**System.out.println("No user found with status 'request'");**

**return "nodata"; // Return a view indicating no data found**

**}**

**}**

**@GetMapping("/viewPDF/{filename}")**

**public ResponseEntity<FileSystemResource> viewPDF(@PathVariable("filename") String filename) {**

**// Directory where PDF files are stored**

**String directory = "src/main/resources/static/images/";**

**// File path based on filename**

**String filePath = directory + filename;**

**// Create a file object**

**File file = new File(filePath);**

**// Check if the file exists**

**if (file.exists()) {**

**// Set content type as application/pdf**

**HttpHeaders headers = new HttpHeaders();**

**headers.setContentType(MediaType.APPLICATION\_PDF);**

**// Return ResponseEntity with the file**

**return ResponseEntity.ok()**

**.headers(headers)**

**.body(new FileSystemResource(file));**

**} else {**

**// Return ResponseEntity with 404 Not Found status**

**return ResponseEntity.notFound().build();**

**}**

**}**