

# **SAFELONCY- A LEGAL HELPING WEBSITE**

## **PROJECT REPORT**

**(BTCS 603-18)**

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

*of*

**BACHELOR OF TECHNOLOGY**

**IN**

**COMPUTER SCIENCE AND ENGINEERING**



**UNDER THE GUIDANCE OF**

**Er. Maninderjit Kaur**

**Department of Computer Science & Engineering**

**MD SAJID (2027798)**

**MOHAMMAD AKHALAKH (2027800)**

**MD KAISH (2027795)**



**ਆਈ. ਕੇ. ਗੁਜਰਾਲ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ, ਜਲੰਧਰ**

**I.K. GUJRAL PUNJAB TECHNICAL UNIVERSITY, JALANDHAR**

## CANDIDATE'S DECLARATION AND CERTIFICATE

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We hereby certify that the work, which is being presented in this report entitled, **SAFELONCY-A LEGAL HELPING WEBSITE** in partial fulfilment of the requirements for the degree of **Bachelor of Technology in Computer Science and Engineering**, submitted in the **Computer Science and Engineering**, Gulzar Group of Institutes, Khanna, Punjab; by **MD SAJID (2027798), MD KAISH (2027795), MOHAMMAD AKHALAKH (2027800)** is the authentic record of our own work carried out under the supervision of **Er. Maninderjit Kaur, Department of Computer Science and Engineering**, Gulzar Group of Institutes, Khanna, Punjab.

We further declare that the matter embodied in this report has not been submitted by us for the award of any other degree.

### Candidate(s) Signature

This is to certify that the above statement made by the candidate is correct to the best of my knowledge and belief.

**Signature of HOD**

**Er. Jai Prakash**

**Signature of Supervisor**

**Er. Maninderjit Kaur**

Date:

## ACKNOWLEDGMENT

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It is our pleasure to acknowledge the contributions of all who have helped us and supported us during this Project report.

First, we thank God for helping us in one way or another and providing strength and endurance to us. We wish to express my sincere gratitude and indebtedness to our supervisor, Er. Maninderjit Kaur, CSE, Gulzar Group of Institutes, Khanna, Punjab; for her intuitive and meticulous guidance and perpetual inspiration in completion of this report. In spite of her busy schedule, she rendered help whenever needed, giving useful suggestions and holding informal discussions. Her invaluable guidance and support throughout this work cannot be written down in few words. We also thank her for providing facilities for my work in the department name.

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We are also thankful to our parents, elders and all family members for their blessing, motivation and inspiration throughout our work and bearing with us even during stress and bad temper. They have always provided us a high moral support and contributed in all possible ways in completion of this Capstone report.

## **ABSTRACT**

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The Safelency is an online law related information system is a software system that contains all the laws of IPC so that people can come and search for the laws for respective crime. Our portal contains the Legal Help Chatbot that is an AI powered solution that provides legal advice to users in a conversational manner. This chatbot aims to provide accurate legal information and guidance to users who are seeking legal help but cannot afford expensive legal services.

Our website aims to serve as a reliable and accessible platform where you can find authoritative information on a wide range of legal topics. We understand that the law can be intimidating, with its technical language and intricate procedures, so our goal is to break it down and present it in a clear and concise manner.

We are here to provide you with valuable information and resources to help you navigate the complex world of law and legal matters. Whether you are seeking guidance on personal legal issues, looking to understand your rights and responsibilities, or simply interested in staying informed about the latest legal developments, you've come to the right place.

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# **CHAPTER NO. 1**

## **INTRODUCTION**

### **1.1 SAFELONCY A LEGAL HELPING WEBSITE**

There is a rise in the amount of crime in our country and most of the people are unaware of the criminal laws under IPC (Indian Penal Code). Therefore, it becomes necessary to make the citizens aware of all kinds of laws put forth by our constitution against crime so that people come forward to register case against it. This project is executed especially for this purpose.

The Safelency is an online law related information system is a software system that contains all the laws of IPC so that people can come and search for the laws for respective crime. Our portal contains the Legal Help Chatbot that is an AI powered solution that provides legal advice to users in a conversational manner. This chatbot aims to provide accurate legal information and guidance to users who are seeking legal help but cannot afford expensive legal services.

The chatbot is designed to assist users in navigating through legal procedures and providing them with relevant information on their legal rights. This project contains information of all the respective courts in area for respective crimes. This online system is developed by using Python library and supported by a MySQL database to store user specific details.

We are here to provide you with valuable information and resources to help you navigate the complex world of law and legal matters. Whether you are seeking guidance on personal legal issues, looking to understand your rights and responsibilities, or simply interested in staying informed about the latest legal developments, you've come to the right place.

Our website aims to serve as a reliable and accessible platform where you can find authoritative information on a wide range of legal topics. We understand that the law can be intimidating, with its technical language and intricate procedures, so our goal is to break it down and present it in a clear and concise manner.

Here, you will find comprehensive guides, articles, and frequently asked questions that cover various areas of law, including but not limited to:

We provide the services on laws are as follows

Civil Law: Exploring legal issues related to contracts, property, torts, and other matters concerning individuals and organizations.

**Criminal Law:** Understanding the criminal justice system, different types of crimes, legal defences, and the rights of the accused.

**Family Law:** Providing insights into divorce, child custody, adoption, marriage, and other family-related legal matters.

**Employment Law:** Offering information on employee rights, workplace discrimination, harassment, wage and hour laws, and more.

**Intellectual Property:** Exploring copyrights, trademarks, patents, and other aspects of protecting intellectual property rights.

**Business Law:** Assisting entrepreneurs and business owners with legal matters, such as forming a company, contracts, and regulations.

**Immigration Law:** Providing guidance on visa applications, citizenship, green cards, and other immigration-related topics.

We aim to present the information on our website in a way that is accessible to both legal professionals and individuals without a legal background. However, it is important to note that the content provided is for informational purposes only and should not be considered legal advice. For specific legal issues, it is always advisable to consult with a qualified attorney.

We strive to keep our content up to date and relevant, but please bear in mind that laws and regulations can vary by jurisdiction and change over time. Therefore, it is essential to verify the information with local legal authorities or seek professional legal advice when necessary.

## **1.2: KEY FEATURES OF OUR LEGAL WEBSITE:**

**Articles and Guides:** Our website offers a wide range of articles and guides covering various legal topics. From understanding your constitutional rights to learning about different types of legal disputes, our content caters to both legal professionals and individuals seeking legal knowledge.

**Legal Advice:** While we provide general information, it's important to note that our website does not replace professional legal advice. However, we can guide you in finding the right resources and professionals to address your specific legal concerns.

**Case Studies:** We believe that learning from real-life cases can enhance your understanding of the law. Our website includes case studies that analyse notable legal battles, landmark judgments, and legal precedents, offering valuable insights into how the law operates in practice.



**Legal Resources:** We provide a collection of legal resources, including links to relevant statutes, regulations, court decisions, and legal research tools. These resources can help you delve deeper into specific legal matters or assist you in conducting your own legal research.

**Frequently Asked Questions (FAQs):** Our FAQs section addresses common legal queries that individuals may have. These questions cover diverse legal areas, ensuring that you can find answers to some of the most frequently encountered legal concerns.

At our legal website, we understand that navigating the legal system can be complex and overwhelming. That's why we strive to simplify legal concepts and terminology, making them accessible to everyone. Our content is created by legal professionals with expertise in different areas of law, ensuring the information you find here is accurate, up-to-date, and trustworthy

## **CHAPTER 2**

### **REVIEWS OF LITERATURE**

Literature review is an expressive study based on the detailed review of earlier pertinent studies related to the various concepts of Law.

Here is a literature review summarizing scholarly articles related to the Constitution of India that could be relevant for a legal advice website:

1. Title: "Constitutionalism in India: Changing Contours and Challenges"

Authors: Upendra Baxi and Sudhir Krishnaswamy

Published in: Economic and Political Weekly, 2008

This article discusses the evolution of constitutionalism in India, examining key constitutional principles, judicial activism, and challenges faced in interpreting and implementing the Constitution.

2. Title: "Basic Structure Doctrine: An Indian Perspective"

Author: M.P. Jain

Published in: Journal of the Indian Law Institute, 2003

This article provides an in-depth analysis of the "Basic Structure Doctrine" in Indian constitutional law, which establishes the limits on amending the Constitution and protects its fundamental features.

3. Title: "The Role of Fundamental Rights in the Indian Constitution: A Critical Appraisal"

Author: Shubhankar Dam

Published in: Journal of the Indian Law Institute, 2012

This article explores the significance and interpretation of fundamental rights in the Indian Constitution, including their historical context, judicial interpretations, and implications for protecting individual liberties.

4. Title: "Constitutional Amendments and Judicial Review in India"

Authors: Anuj Agarwal and Saurabh Bhattacharjee

Published in: NUJS Law Review, 2015

This article examines the relationship between constitutional amendments and judicial review in India, focusing on the scope of amending power, the doctrine of basic structure, and the role of the judiciary in safeguarding the Constitution.

5. Title: "Indian Constitution and Social Justice: A Critical Appraisal" Author: S.S. Gurukkal

Published in: Social Change, 2012

This article critically evaluates the provisions and implementation of social justice principles in the Indian Constitution, addressing issues related to affirmative action, reservation policies, and equality before the law.

These articles provide valuable insights into various aspects of the Indian Constitution, its interpretation, and its implications for Indian society. Incorporating such scholarly perspectives can enhance the depth and accuracy of legal advice provided on a website focused on Indian constitutional law.

## **2.1 THE LAW AND POLICY OF E-DISCOVERY IN INDIA:**

E-discovery refers to the process of identifying, preserving, collecting, reviewing, and producing electronically stored information (ESI) in legal proceedings. While India does not have a specific legislation dedicated solely to e-discovery, there are laws and regulations that govern the discovery of electronic evidence in legal proceedings. Here is an overview of the law and policy of e-discovery in India:

1. The Indian Evidence Act, 1872: The Indian Evidence Act governs the admissibility of evidence in Indian courts, including electronic evidence. Section 65B of the Act addresses the admissibility of electronic records and sets out requirements for the certification of electronic evidence, such as ensuring that the electronic document was produced by a computer and in the regular course of business.
2. The Information Technology Act, 2000 (IT Act): The IT Act deals with various aspects of electronic transactions and the use of electronic records. It recognizes electronic records as evidence and provides legal recognition to digital signatures. Section 79 of the IT Act grants exemptions to intermediaries (such as internet service providers) from liability for user-generated content.
3. The Code of Civil Procedure, 1908 (CPC): The CPC governs the procedural aspects of civil litigation in India. Order XI Rule 12 of the CPC relates to the discovery and inspection of documents, which can include electronic records. Courts may order the parties to disclose and produce relevant electronic evidence during the discovery phase of litigation.
4. The Companies Act, 2013:  
The Companies Act mandates companies to maintain and preserve books of accounts, financial statements, and other records in electronic form. These electronic records may be subject to discovery in case of legal disputes involving companies.

## **CHAPTER 3**

### **PROBLEM STATEMENT**

#### **3.1 OBJECTIVE**

The objectives for a legal website can vary depending on the specific goals of the website owner. However, here are some common objectives that a legal website may strive to achieve:

**Inform and Educate:** The primary objective of a legal website is to provide accurate, reliable, and accessible information about various legal topics. It should aim to educate visitors and help them understand the law, legal principles, and their rights and responsibilities.

**Simplify Complex Concepts:** The law can be complex and filled with jargon. A legal website should strive to simplify legal concepts and terminology, making them understandable to a wide audience. It should break down complex information into digestible and user-friendly content.

**Provide Legal Guidance:** While a legal website cannot replace personalized legal advice, it can offer general guidance and direct visitors to appropriate resources. The website can provide information on how to find legal professionals, access legal aid, or navigate legal processes.

**Promote Access to Justice:** One objective of a legal website may be to promote access to justice by providing information to individuals who may not have easy access to legal resources. This can help empower people to understand their legal rights and take appropriate action.

**Engage and Interact:** A legal website can facilitate engagement with its visitors through features such as FAQs, discussion forums, or interactive tools. This encourages visitors to ask questions, seek clarification, and participate in discussions related to legal topics.

**Stay Updated and Relevant:** The law is constantly evolving, and a good legal website should strive to stay updated with the latest legal developments, changes in regulations, and landmark court decisions. Regularly publishing relevant and timely content helps maintain the website's credibility and usefulness.

**Build Trust and Credibility:** A legal website should establish itself as a trustworthy and reliable source of legal information. This can be achieved by ensuring accuracy, citing reputable sources, providing references, and having content created or reviewed by legal professionals.

**Support Legal Professionals:** In addition to serving the general public, a legal website may aim to support legal professionals by providing resources, news, and analysis relevant to their practice. This can include updates on legal trends, professional development opportunities, or access to legal research tools.

**Increase Visibility and Reach:** A legal website may aim to increase its visibility and reach to a broader audience. This can be done through search engine optimization (SEO) techniques, social media presence, partnerships with other legal websites, or promoting the website through relevant channels.

**Establish a Brand:** For law firms or legal organizations, a website can serve as a platform to showcase their expertise, highlight their services, and establish their brand identity. The website can reinforce the organization's values and showcase its unique selling points.

**Legal Advocacy and Social Impact:** Some legal websites may have an objective to promote social justice, advocate for legal reform, or raise awareness about specific legal issues. These websites may engage in public interest litigation, provide resources for advocacy campaigns, or collaborate with organizations working towards legal and social change.

It's important to define clear objectives for the website and regularly assess its performance in meeting those objectives. This allows for continuous improvement and refinement of the website's content and features.

## 3.2 SCOPE

**General Legal Information:** Provide comprehensive and accurate information about different areas of law, including criminal law, civil law, constitutional law, family law, contract law, intellectual property law, employment law, and more. This can encompass explaining legal concepts, outlining legal processes, and offering guidance on legal rights and responsibilities.

**Legal Advice and Guidance:** Offer general guidance and tips on legal issues and challenges that individuals commonly encounter. While emphasizing the importance of seeking personalized legal advice, provide resources and information to help visitors understand their options and make informed decisions.

**Legal Research Tools and Resources:** Curate and provide access to legal resources such as statutes, regulations, court decisions, legal journals, and legal research databases. Offer guidance on effective legal research techniques and provide links to online research tools and libraries.

**Case Studies and Analysis:** Feature case studies and analysis of significant legal cases to illustrate legal principles and their real-world applications. Analyze landmark judgments, high-profile trials, and legal precedents to enhance visitors' understanding of the law in practice.

**Legal News and Updates:** Keep visitors informed about the latest legal developments, legislative changes, and noteworthy court decisions. Provide analysis and commentary on the implications of these developments and their impact on individuals and businesses.

**Legal Rights and Resources:** Educate individuals about their legal rights and responsibilities in various contexts, such as consumer protection, employment rights, housing rights, and civil liberties. Provide resources for individuals seeking legal aid or assistance and offer links to relevant legal aid organizations.

**Legal Careers and Professional Development:** Provide information and resources for individuals interested in pursuing a legal career. This can include guidance on law school admissions, career paths within the legal field, continuing legal education opportunities, and professional networking resources.

**Legal Technology and Innovation:** Explore the intersection of law and technology, highlighting innovations such as legal research tools, artificial intelligence in legal practice, online dispute resolution platforms, and legal tech startups. Discuss the implications of these advancements on the legal profession and access to justice.

**International and Comparative Law:** Cover international legal principles, treaties, and organizations. Discuss legal issues with global implications, such as human rights, international trade, environmental law, and cross-border legal disputes.

**Legal Ethics and Professional Responsibility:** Address ethical considerations in the legal profession, including attorney-client privilege, conflicts of interest, confidentiality, and professional conduct. Provide guidance on maintaining ethical standards and handling ethical dilemmas.

**Legal Topics:** A legal website can cover a wide range of legal topics, including but not limited to criminal law, civil law, family law, employment law, contract law, intellectual property law, immigration law, environmental law, and constitutional law. Each topic can be explored in-depth to provide comprehensive information.

**Legal Glossary and Terminology:** The website can include a comprehensive legal glossary, defining and explaining common legal terms and phrases, ensuring that visitors can understand legal terminology encountered throughout the website.

**Interactive Features and Community Engagement:** The website can incorporate interactive features, such as forums, comment sections, or Q&A sessions, to encourage visitor engagement, facilitate discussions, and provide a platform for individuals to seek clarification or share experiences related to legal topics.

## **CHAPTER 4**

### **METHODOLOGY**

#### **4.1 REQUIREMENTS GATHERING**

Also known as data collection. Data Collection is an important aspect of any type of research study. Inaccurate data collection can impact the results of a study and ultimately lead to invalid results. The methods used to gather the projects requirements involves Quantitative research to review the existing systems in the market.

##### **4.1.1 Data Collection Methods**

This study used quantitative techniques like online survey and questionnaire. Qualitative data collection methods play an important role in impact evaluation by providing information useful to understand the processes behind observed results and assess changes in people's perceptions of their well-being. Furthermore, qualitative methods can be used to improve the quality of surveybased quantitative evaluations by helping generate evaluation hypothesis; strengthening the design of survey questionnaires and expanding or clarifying quantitative evaluation findings. These methods are characterized by the following attributes:

- They tend to be open-ended and have less structured protocols
- They rely more heavily on interactive interviews; respondents may be interviewed several times to follow up on a particular issue, clarify concepts or check the reliability of data
- They use triangulation to increase the credibility of their findings
- Generally, their findings are not generalizable to any specific population, rather each case study produces a single piece of evidence that can be used to seek general patterns among different studies of the same issue

Existing written and visual materials were assessed to find important data and information towards the development of the system. Information about appointment managements, patient's management were collected. During data collection, the investigation found out how the current



system operates, not only that but also tried out which problems are faced and how best they can be settled.

Requirement analysis and specification may appear to be relatively simple task, but appearances are deceiving. Communication content is very high, chances for misinterpretations or misinformation abound. Ambiguity is probable. The dilemma that confronts a software engineer may best be understood by repeating the statement of an anonymous customer: “I know you believe you’re understood what you think I said, but I am not sure you realize that what you heard is not what I meant”.

### **4.1.2 Requirements**

The requirements form the proposed system was categorized into functional and non-functional requirements.

#### **Functional Requirements**

The following is the desired functionality of the new system. The proposed project would cover:

##### **User Module**

- User can view/search law, Legal section, and latest Query without login.
- When User try to Ask query and Chat with us, then he/she must login to system.
- After creating account and login to system, he/she can use Chatbot and Ask query.
- User can see their Recent activity.
- User can send feedback to admin (without login)

##### **Admin Module**

- Admin can provide username, email, password and your admin account will be created.
- After login, there is a dashboard where admin can see how many users is registered, how many users active on portal.
- Admin can add/delete/user.
- Admin can view/edit/delete users’ details.

- Admin can view the feedbacks sent by users

## Non-functional Requirements

There are lots of features that we have included in the software. But some of them were described over here.

Easy to maintain records:

All the records are stored in the site database.

Less Time Consuming:

All the entries are done easily so it requires less time and calculation is done automatically through computer so take less time.

Editing of Data: Easy to change the record.

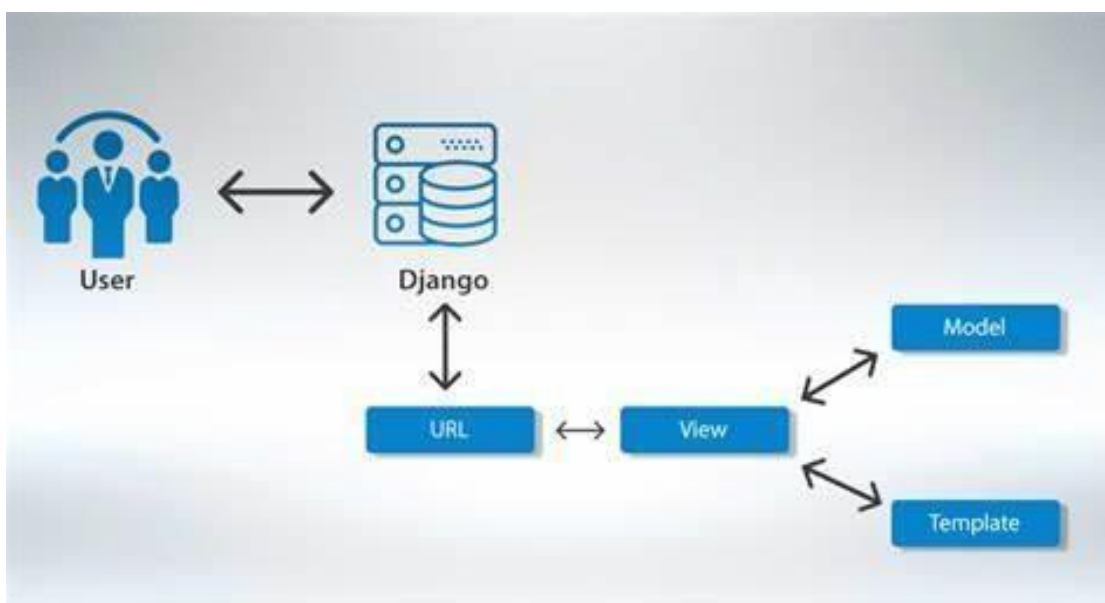
No redundancy of data

Not allowed duplicate or fake account

It specifies the quality attribute of a software system. They judge the software system based on Responsiveness, Usability, Security, Portability and other non-functional standards that are critical to the success of the software system.

- **Availability:** The system should remain operational in any day and any place.
- **Accuracy:** There is a need to optimize the system to ensure more accurate results and calculations.
- **Usability:** The system should provide a User-friendly user interface and tooltips to enhance itself and be effectively responsive.

- **Secure:** The system must be able to provide security against any external injections by using a layered security system. Implementation of user login functionalities also ensures the system is secure from unauthorized persons.
- **Performance of the system:** Response time is very good for given piece of work. The system will support multi user environment.



*Figure 4.1.1*

## **4.2 HARDWARE AND SOFTWARE REQUIREMENTS**

These requirements are described below.

We have Include hardware and software interfaces.

### **4.2.1 Hardware Interfaces Motherboard (PIV).**

RAM of 1GB.

80GB HDD

Colour Monitor. [1024 x 768 Display]

Keyboard.

Mouse.

500 V.A UPS. [Used in case of power failure]

#### **4.2.2 Software Interfaces**

Software Configuration

Operating System-Microsoft Windows® XP.

Application Software-Microsoft SQL Server 2005

Software used in designing (code) of the system:

Operating System -Microsoft Windows® Windows XP.

Application Software -Microsoft Visual Studio 2010

#### **4.2.3 Features of New System**

- Tips for the visitors.
- Online help about System.
- Online registration for the visitors to get notified for the various function and activities performed by the organization throughout the year.
- Online comments.
- Mailing system and SMS for the users who are seeking information.

- Optimized search for all users about any Blog.
- Simple and effective service to all its user in very less amount of time.

## **4.3 TECHNOLOGIES USED IN THE PROJECT**

- HTML
- CSS
- Java Script
- Django

### **4.3.1 HTML**

Hypertext Markup Language is the standard markup language for documents designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets (CSS) and scripting languages such as JavaScript.

HTML is used by the browser to manipulate text, images, and other content, to display it in the required format.

HTML elements are the building blocks of HTML pages. With HTML constructs, images, and other objects such as interactive forms may be embedded into the rendered page.

HTML provides a means to create structured documents by denoting structural semantics for text such as headings, paragraphs, lists, links, quotes, and other items.

HTML elements are delineated by tags, written using angle brackets. Tags such as surround and provide information about document text and may include other tags as sub-elements.

HTML page structure: The basic structure of an HTML page is laid out below. It contains the essential building-block elements (i.e. declaration, html, head, title, and body elements) upon which all web pages are created.

HTML5 can be used to write web applications that still work when you're not connected to the net; to tell websites where you are physically located; to handle high-definition video; and to deliver extraordinary graphics.

The core objectives of HTML5 are to offer increased multimedia support and make the coding much easier to read and understand for both people and machines. HTML5 coding is clear, simple, and descriptive. HTML5 also makes placing audio and video content a breeze.

### **Advantages:**

- HTML is used to build websites.
- It is supported by all browsers.
- It can be integrated with other languages like CSS, JavaScript etc.

### **4.3.2 CSS**

Cascading Style Sheets, fondly referred to as CSS, is a simple design language intended to simplify the process of making web pages presentable. CSS handles the look and feel part of a web page. Using CSS, you can control the colour of the text, the style of fonts, the spacing between paragraphs, how columns are sized and laid out, what background images or colors are used, layout designs, variations in display for different devices and screen sizes as well as a variety of other effects.

CSS is easy to learn and understand but it provides powerful control over the presentation of an HTML document. Most commonly, CSS is combined with the markup languages HTML or XHTML.

### **Types of CSS:**

Cascading Style Sheet (CSS) is used to set the style in web pages that contain HTML elements. It sets the background colour, font-size, font-family, colour, etc. Property of elements on a web page.

There are three types of CSS which are given below:

- Inline CSS
- Internal or Embedded CSS
- External C

**Inline CSS:** Inline CSS contains the CSS property in the body section attached with element is known as inline CSS. This kind of style is specified within an HTML tag using the style attribute.

**Internal CSS:** This can be used when a single HTML document must be styled uniquely. The CSS rule set should be within the HTML file in the head section i.e the CSS is embedded within the HTML file.

**External CSS:** External CSS contains separate CSS file which contains only style property with the help of tag attributes (For example class, id, heading, ... etc.). CSS property written in a separate file with .CSS extension and should be linked to t 25 HTML document using link tag. This means that for each element, style can be set only once and that will be applied across web pages.

Below is the HTML file that is making use of the created external style sheet

- link tag is used to link the external style sheet with the html webpage.

- href attribute is used to specify the location of the external style sheet file.

## **Advantages of CSS**

- Create Stunning Web Site: CSS handles the look and feel part of a web page. Using CSS, you can control the colour of the text, the style of fonts, the spacing between paragraphs, how columns are sized and laid out, what background images or colours are used, layout designs, variations in display for different devices and screen sizes as well as a variety of other effects.
- Become a web designer: If you want to start a career as a professional web designer, HTML and CSS designing is a must skill.
- Control web: CSS is easy to learn and understand but it provides powerful control over the presentation of an HTML document. Most commonly, CSS is combined with the markup languages HTML or XHTML.
- Learn other languages: Once you understand the basic of HTML and CSS then other related technologies like JavaScript, php, or angular are become easier to understand.

### **4.3.3 JAVASCRIPT:**

JavaScript is a light-weight object-oriented programming language which is used by several websites for scripting the web pages. It is an interpreted, full-fledged programming language that enables dynamic interactivity on websites when applied to an HTML document. It was introduced in the year 1995 for adding programs to the web pages in the Netscape Navigator browser. Since then, it has been adopted by all other graphical web browsers. With JavaScript, users can build modern web applications to interact directly without reloading the page every time. The traditional website uses Js provide several forms of interactivity and simplicity. Although, JavaScript has no connectivity with Java programming language. The name was suggested and provided in the times when Java was gaining popularity in the market. In addition to web browsers, databases such as CouchDB and MongoDB uses JavaScript as their scripting and query language.



## Features of JavaScript

There are following features of JavaScript:

1. All popular web browsers support JavaScript as they provide built-in execution environments.
2. JavaScript follows the syntax and structure of the C programming language. Thus, it is a structured programming language.
3. JavaScript is a weakly typed language, where certain types are implicitly cast (depending on the operation).
4. JavaScript is an object-oriented programming language that uses prototypes rather than using classes for inheritance.
5. It is a light-weighted and interpreted language.
6. It is a case-sensitive language.
7. JavaScript is supportable in several operating systems including, Windows, macOS, etc.
8. It provides good control to the users over the web browsers.

## Application of JavaScript

JavaScript is used to create interactive websites.

It is mainly used for:

- Client-side validation,
- Dynamic drop-down menus,
- Displaying date and time,

- Displaying pop-up windows and dialog boxes (like an alert dialog box, confirm dialog box and prompt dialog box),
- Displaying clocks etc.

#### **4.3.4 DJANGO:**

**INTRO:** The rapid growth of web development has led to the emergence of various frameworks and tools that streamline the process of building robust and scalable web applications. One such framework that has gained immense popularity is Django. Django is a high-level Python web framework that follows the model-view-controller (MVC) architectural pattern. It provides a comprehensive set of features and tools that enable developers to build complex web applications quickly and efficiently.

**HISTORY:** Django was developed in 2003 by Adrian Holovaty and Simon Willison and was released as an open-source framework in 2005. It was designed with the goal of simplifying web development by emphasizing reusability, modularity, and the principle of "Don't Repeat Yourself" (DRY). Django follows a batteries-included approach, which means it provides a wide range of built-in features and libraries that handle common web development tasks, allowing developers to focus on their application's unique requirements.

#### **Features of Django**

- **Object-Relational Mapping (ORM):**
- Django provides a powerful ORM that allows developers to interact with the database using Python objects. It abstracts away the complexities of SQL queries and enables database operations through simple Python code.
- **URL Routing:**
- Django's URL routing system maps URLs to corresponding views, allowing for clean and user-friendly URL patterns. It provides a flexible and configurable URL dispatcher that supports regular expressions and named URL patterns.

- **Template Engine:**
- Django includes a robust template engine that separates the presentation logic from the business logic. It allows developers to create dynamic HTML pages by embedding Python code within templates, enabling the generation of dynamic content.
- **Form Handling:**
- Django simplifies the creation and processing of HTML forms. It provides a form handling library that includes pre-built form fields, form validation, and automatic error handling. Django's form handling also includes security measures to prevent common vulnerabilities.
- **Authentication and Authorization:**
- Django offers a built-in authentication system that handles user authentication, session management, and user permissions. It supports various authentication methods such as username/password, social authentication, and more. It also provides tools for user authorization and permission management.
- **Admin Interface:**
- Django includes an automatic admin interface that generates an administrative interface for managing application data. It allows developers to perform CRUD operations (Create, Read, Update, Delete) on application models with minimal configuration.
- **Security:**
- Django incorporates multiple security measures to protect web applications from common vulnerabilities. It includes protection against cross-site scripting (XSS), cross-site request forgery (CSRF), SQL injection, and other security threats.
- **Testing Framework:**
- Django provides a testing framework that simplifies the process of writing unit tests and integration tests for web applications. It includes tools for mocking requests, testing views, models, forms, and other components of the application.
- **Scalability:**

- Django is designed to handle high-traffic websites and scale horizontally. It supports deployment on various servers, load balancing, and caching techniques to ensure optimal performance and scalability.
- **Middleware:**
- Django's middleware architecture allows developers to add reusable components that process requests and responses. It enables functionalities such as authentication, session management, caching, and more to be applied globally or on a per-view basis.

### Advantages of Django

- **Object-Relational Mapping (ORM) Support:** Django provides a bridge between the data model and the database engine, and supports a large set of database systems including MySQL, Oracle, Postgres, etc. Django also supports NoSQL database through Django-nonrel fork. For now, the only NoSQL databases supported are MongoDB and google app engine.
- **Framework Support:** Django has built-in support for Ajax, RSS, Caching and various other frameworks.
- **Development Environment** – Django comes with a lightweight web server to facilitate end-to-end application development and testing.
- **Administration GUI** – Django provides a nice ready-to-use user interface for administrative activities.
- **Documentation and Learning Resources:** Django has extensive documentation and a wealth of learning resources, including tutorials, books, and online communities, making it easy for developers to get started and enhance their skills.

### 4.3.5 : DJANGO PACKAGES AND FILE

A Django project contains the following packages and files. The outer directory is just a container for the application. We can rename it further.

- **manage.py:** It is a command-line utility which allows us to interact with the project in various ways and also used to manage an application
- A directory (Django app) located inside, is the actual application package name. Its name is the Python package name which we'll need to use to import module inside the application.
- **\_\_init\_\_.py:** It is an empty file that tells to the Python that this directory should be considered as a Python package.
- **settings.py:** This file is used to configure application settings such as database connection, static files linking etc.
- **urls.py:** This file contains the listed URLs of the application. In this file, we can mention the URLs and corresponding actions to perform the task and display the view.
- **wsgi.py:** It is an entry-point for WSGI-compatible web servers to serve Django project.
- Initially, this project is a default draft which contains all the required files and folders.

## **4.4 SYSTEM DEVELOPMENT AND IMPLEMENTATION**

### 4.4 Implementation Details:

A few interesting features are implemented in this platform and combined in such a way that makes the website effective.

## User Interface Design:



The software becomes more popular if its user interface is: Attractive, Simple to use, Responsive in short time, clear to understand and Consistent on all interfacing screens. When a user visits the website homepage this page will appear.

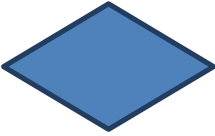
## Feedback Form:

User needs to sign up for a new account when comes to the platform for the first time. The signup form will require some specifications like name and other details to be stored in the database for further use and after that it gives us feedback regarding.

## E-R DIAGRAM:

Entity-Relationship Diagram is a graphical representation of entities and their relationship to each other. It describes how data is related to each other. An entity is a piece of data – an object or a concept about which data is stored. A relationship is where the data is shared between entities.

Symbol	Name	Description
	Entity	An entity can be any object, Entity place, person, or anything.
	Attribute	An Attribute Describes an Attribute property of characteristics of an entity.

	Attribute	A Relationship describes relation between entities.
---	-----------	---

*Figure 4.3: Main components of ER diagram*

### 4.5.1 E-R SYMBOLS

**Entity:** Entities are represented by means of rectangles. Rectangles are named with the entity set they represent.

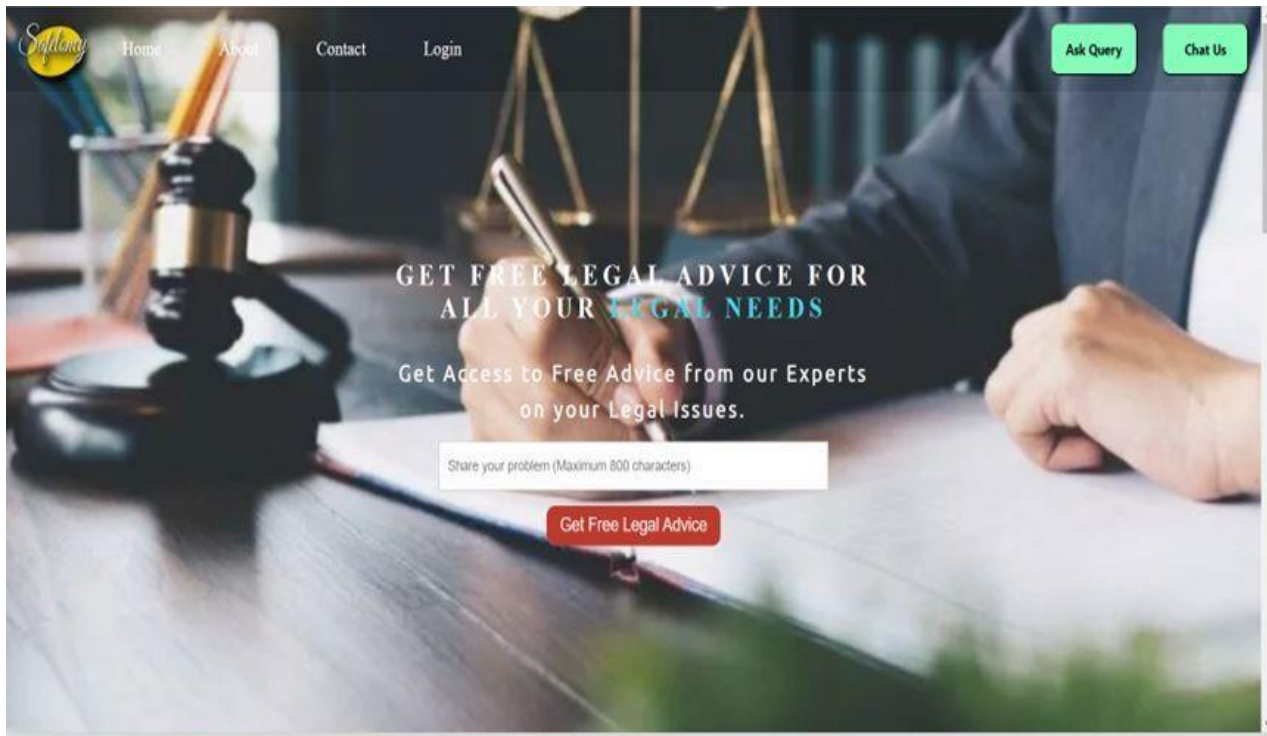
**Attributes:** Attributes are the properties of entities. Attributes are represented by means of ellipses. Every ellipse represents one attribute and is directly connected to its entity (rectangle). If the attributes are composite, they are further divided in a tree like structure. Every node is then connected to its attribute. That is, composite attributes are represented by ellipses that relate to an ellipse.

**Relationship:** Relationships are represented by diamond-shaped box. Name of the relationship is written inside the diamond-box. All the entities (rectangles) participating in a relationship, are connected to it by a line.

## CHAPTER 5

### RESULT AND DISCUSSION

#### 5.1 RESULT SECTION



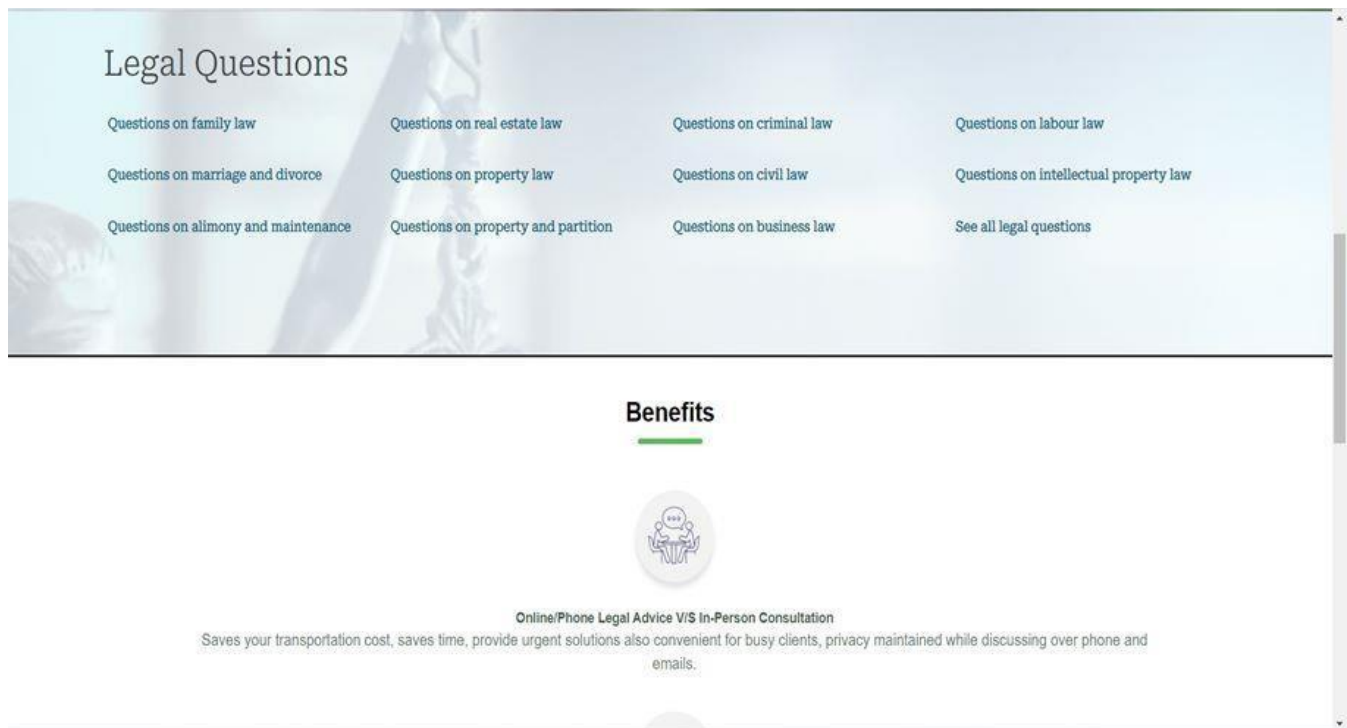
*Figure 5.1: Frontend User Interface*

This is the front-end of our website portal Safelency here the UI has several features as home page our website contains several buttons like home, about, contact and login as labels

On click on home section our home page will be open, on clicking about it will explain about our website brief, contact section will help the user to contact our administration and login option will allow user to get authentic action on our portal

Right most side there has two special button that is Ask query and Chat us will help user to open a platform where if a user having a problem and chat us will help user to chat with our machine which is working on machine learning and NLP In middle there is share your problem box to send problem directly from here. Lastly there has get free legal information brings important legal information about some crime related information, laws and act exist





*Figure 5.2: Questions Section*

This is our UI below the home page which contains option to access various laws and related information

**Civil Law:** Exploring legal issues related to contracts, property, torts, and other matters concerning individuals and organizations.

**Criminal Law:** Understanding the criminal justice system, different types of crimes, legal defences, and the rights of the accused.

**Family Law:** Providing insights into divorce, child custody, adoption, marriage, and other family-related legal matters.

**Employment Law:** Offering information on employee rights, workplace discrimination, harassment, wage and hour laws, and more.

Intellectual Property: Exploring copyrights, trademarks, patents, and other aspects of protecting intellectual property rights.

Business Law: Assisting entrepreneurs and business owners with legal matters, such as forming a company, contracts, and regulations.

Immigration Law: Providing guidance on visa applications, citizenship, green cards, and other immigration-related topics.

**Address**  
Gulzar Group Of Institution  
Khanna Ludhiana Punjab  
141401, India

**Phone**  
+91 8863036417  
+91 7870536377  
+91 8540028657

**Email**  
md370479@gmail.com  
mdkaish7832@gmail.com  
mdakhalakh323@gmail.com

**Send us a message**  
If you have any types of law related queries, you can send us message from here. It's our pleasure to help you.

Enter your name

Enter your email

Enter your message

**Send Now**

*Figure 2: Reviews &Contact*

On clicking contact section this UI will be opened

This section contains information about organisation address and location and contact details

If any user wants to ask personal question and any suggestion, he/she can drop information here

## Adultery and Divorce in India

### Table of Contents

1. [Introduction](#)
2. [Adultery And Divorce in India](#)
3. [Is Adultery a Crime and Ground for Divorce in India?](#)
4. [Adultery under Hindu Law](#)
5. [Adultery under Muslim Law](#)
6. [Adultery under Christian Law](#)
7. [Adultery under the Special Marriage Act, 1954](#)

### Introduction

Adultery in India is a contentious issue that has long been debated and discussed in legal circles. In a country where marriage is considered sacred and divorce is frowned upon, adultery is viewed as a serious breach of trust that can lead to the breakdown of a marriage. In this article, we will delve into the legal framework around adultery in India, its impact on divorce, how it is dealt with under various Personal Laws, examine instances where courts have ruled on cases of adultery, and outline the steps that one can take to legally address adultery committed by their spouse.

### Adultery And Divorce in India

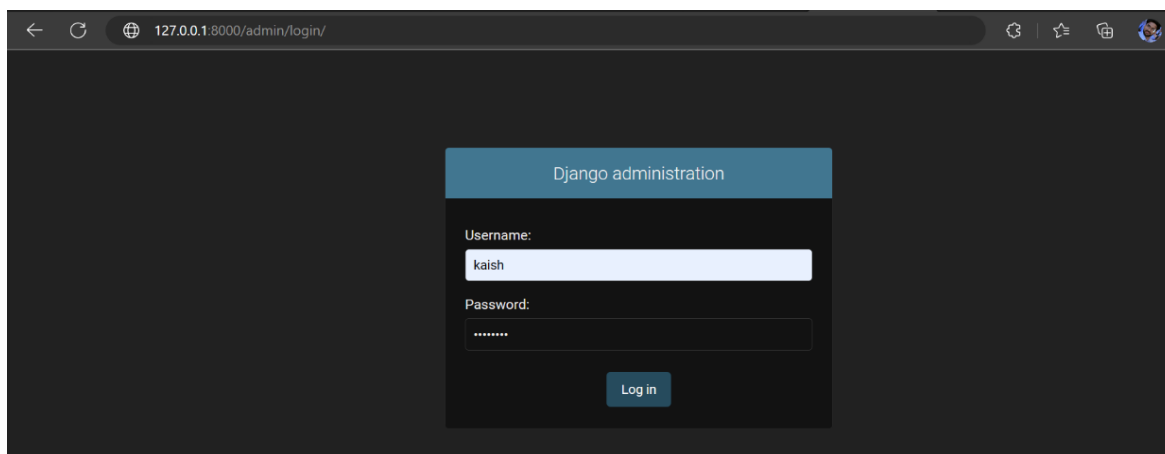
Marriage is an exclusive relationship that requires trust and commitment. Except under Muslim law where limited polygamy is permitted for men, it is perceived as a one-man, one-woman relationship. Sex outside wedlock in all personal laws is perceived as a grave matrimonial offence that breaches the trust and faithfulness towards each other. Thus, all laws provide voluntary sex outside marriage as a ground for dissolution of marriage by way of divorce or hiatus in marriage by way of judicial separation.

The term used under Hindu Marriage Act, 1955 and Special Marriage Act, 1954, is not adultery but, that the respondent has had 'voluntary sexual intercourse with a person other than the spouse.'

For an act to amount to adultery it must essentially comprise the following ingredients:

1. There should be an act of sexual intercourse outside the marriage, and
2. That such intercourse should be voluntary.

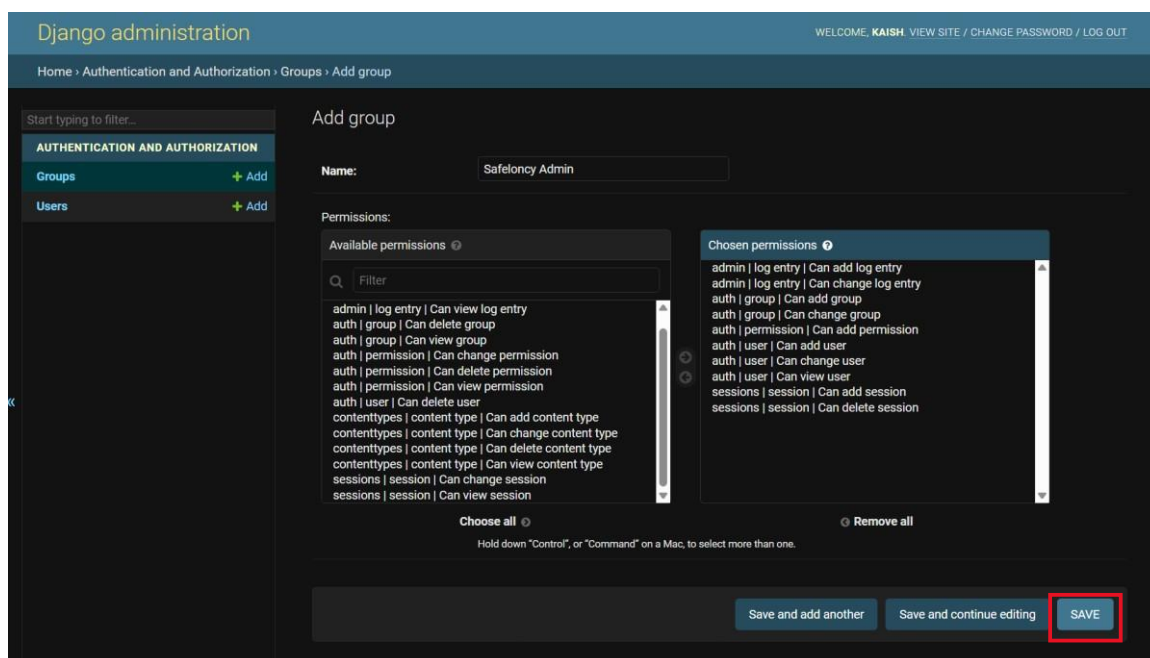
*Figure 5.4: Article Section*



*Figure 5.5: Admin login*

You will see the Django admin login page. Enter the username and password of the superuser you created earlier using the create superuser command. Once you have entered the correct credentials, you will be logged in to the Django admin panel.

From the admin panel, you can manage various aspects of your Django application, including database models, user authentication, permissions, etc.



*Figure 5.6: Admin Group view*

Django administration
WELCOME, MD. VIEW SITE / CHANGE PASSWORD / LOG OUT

Home / Authentication and Authorization / Users / kaish

### Change user

kaish

HISTORY

Username:
kaish
Required. 150 characters or fewer. Letters, digits and @/./+/-/\_ only.

Password:

algorithm: pbkdf2\_sha256 iterations: 390000 salt: XwUJX\*\*\*\*\* hash: iIMNX7\*\*\*\*\*

Raw passwords are not stored, so there is no way to see this user's password, but you can change the password using this form.

Personal info

First name: Md

Last name: Kaish

Email address: mdkaish7732@gmail.com

Permissions

☒ Active
 Designates whether this user should be treated as active. Unselect this instead of deleting accounts.

☒ Staff status
 Designates whether the user can log into this admin site.

☒ Superuser status
 Designates that this user has all permissions without explicitly assigning them.

Groups:

Available groups

Filter

Chosen groups

Safelency Admin

Choose all

Remove all

The groups this user belongs to. A user will get all permissions granted to each of their groups. Hold down "Control", or "Command" on a Mac, to select more than one.

User permissions:

Available user permissions

Filter

Chosen user permissions

admin | log entry | Can add log entry  
 admin | log entry | Can change log entry  
 admin | log entry | Can delete log entry  
 admin | log entry | Can view log entry  
 auth | group | Can add group  
 auth | group | Can change group  
 auth | group | Can delete group  
 auth | group | Can view group  
 auth | permission | Can add permission  
 auth | permission | Can change permission  
 auth | permission | Can delete permission  
 auth | permission | Can view permission  
 auth | user | Can add user  
 auth | user | Can change user  
 auth | user | Can delete user  
 auth | user | Can view user

Choose all

Remove all

Specific permissions for this user. Hold down "Control", or "Command" on a Mac, to select more than one.

Important dates

Last login:

Date: 2023-05-27 Today

Time: 18:40:36 Now

Note: You are 5.5 hours ahead of server time.

Date joined:

Date: 2023-04-08 Today

Time: 12:16:26 Now

Note: You are 5.5 hours ahead of server time.

Delete

Save and add another

Save and continue editing

SAVE

Start typing to filter...

AUTHENTICATION AND AUTHORIZATION

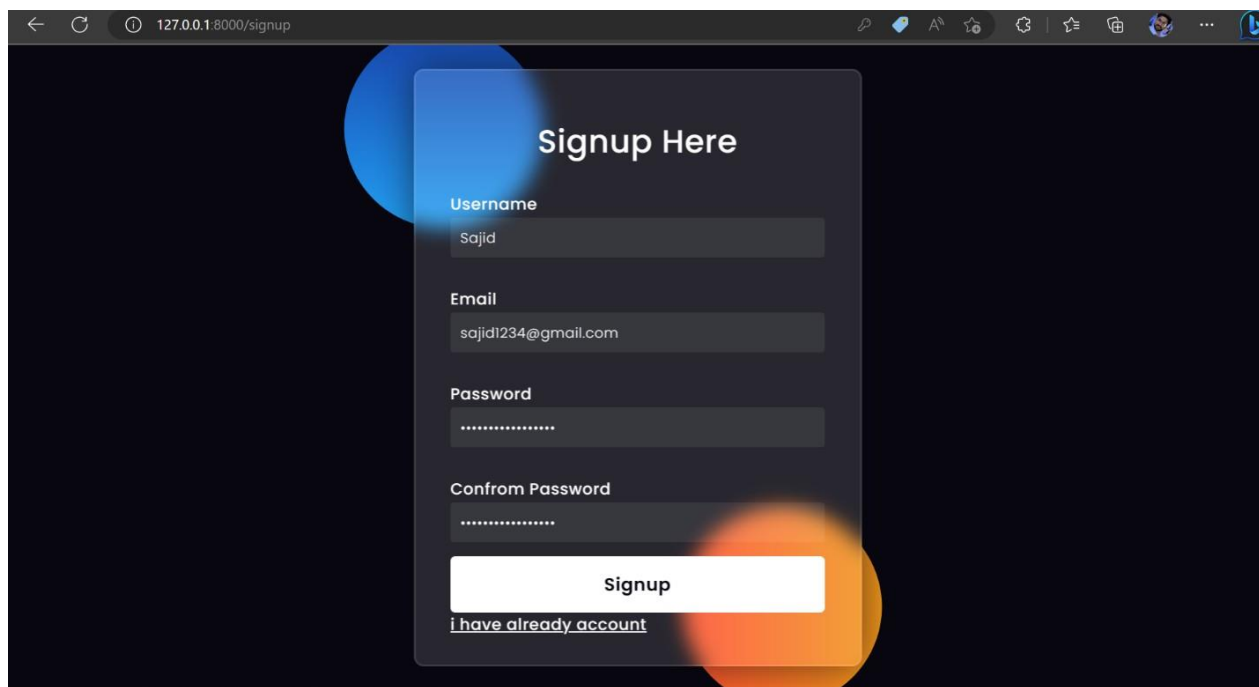
Groups

Users

Figure 5.7: User view on Admin portal

Here admin can able to change existing user Details and Delete Existing user

31



*Figure 5.8: Signup page*

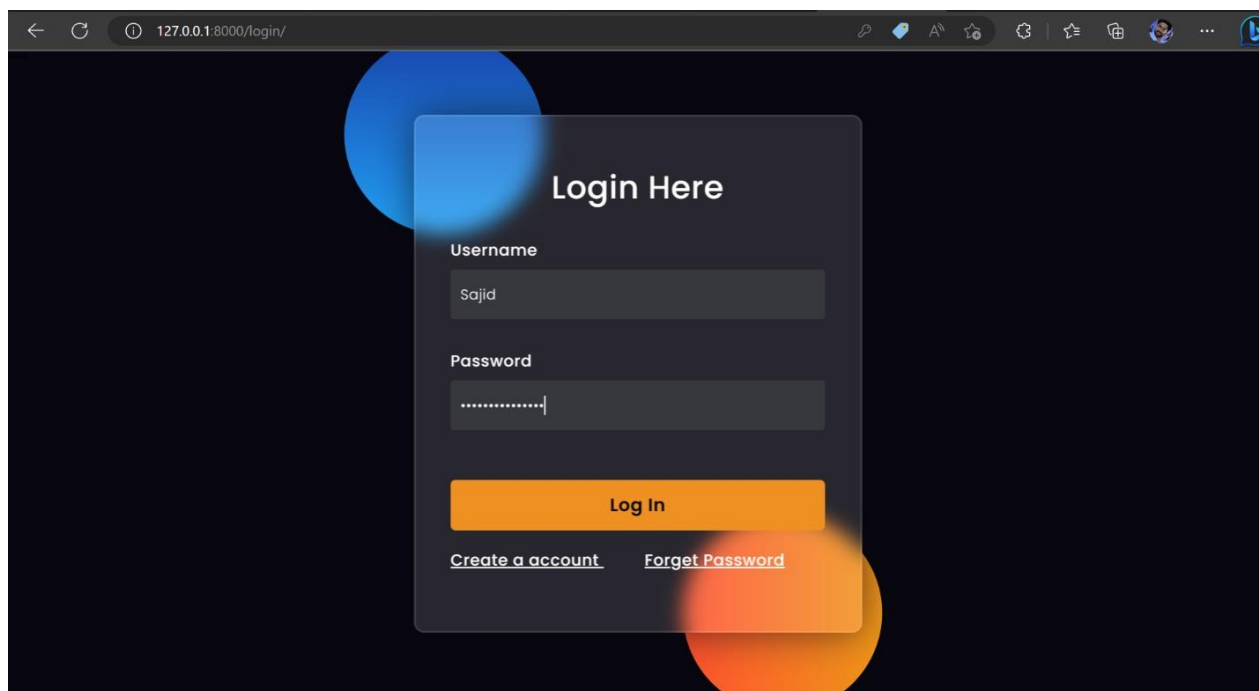


Figure 5.9: login page

## 5.2 CODING SECTION

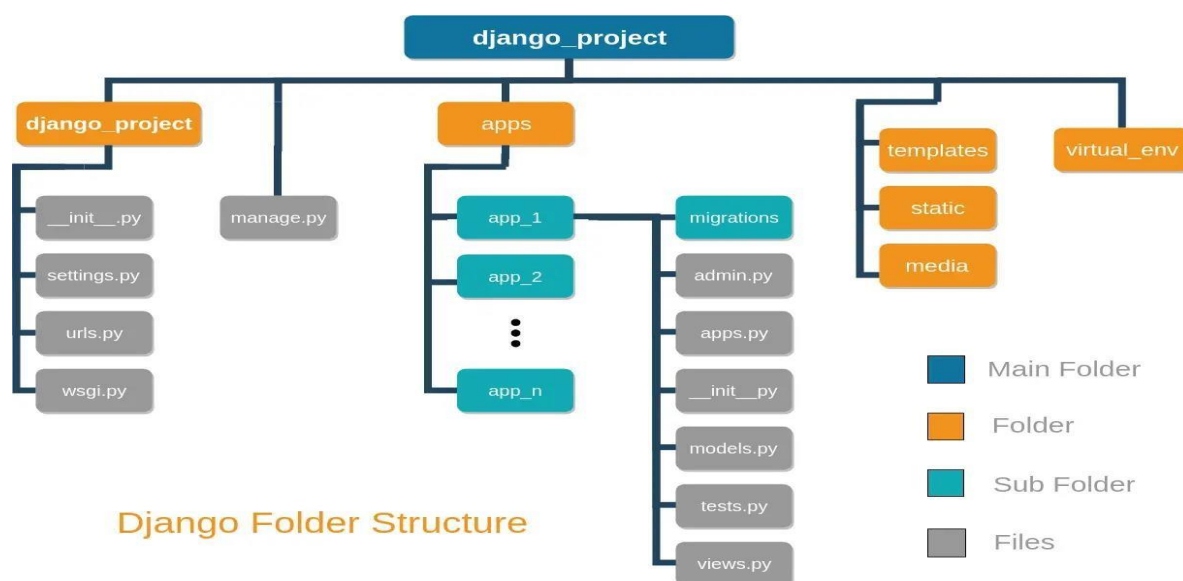


Figure 5.10: Django Project Folder Structure

The screenshot shows the VS Code editor with the file explorer on the left displaying the project structure. The main editor window shows the `manage.py` file. The code is as follows:

```

1 #!/usr/bin/env python
2 """Django's command-line utility for administrative tasks."""
3
4 import sys,os
5
6
7 def main():
8     """Run administrative tasks."""
9     os.environ.setdefault('DJANGO_SETTINGS_MODULE', 'registration.settings')
10    try:
11        from django.core.management import execute_from_command_line
12    except ImportError as exc:
13        raise ImportError(
14            "Couldn't import Django. Are you sure it's installed and "
15            "available on your PYTHONPATH environment variable? Did you "
16            "forget to activate a virtual environment?"
17        ) from exc
18    execute_from_command_line(sys.argv)
19
20
21 if __name__ == '__main__':
22     main()
23

```

The bottom status bar shows the file encoding as UTF-8, line length of 54, and column 29.

Figure 5.11: Manage.py

The screenshot shows the VS Code editor with the file explorer on the left displaying the project structure. The main editor window shows the `views.py` file. The code is as follows:

```

1
2 from django.shortcuts import render,HttpResponse,redirect
3 from django.contrib.auth.models import User
4 from django.contrib.auth import authenticate,login,logout
5 from django.contrib.auth.decorators import login_required
6
7 # Create your views here.
8 @login_required(login_url='login')
9 def HomePage(request):
10     return render(request,'home.html')
11
12 def SignupPage(request):
13     if request.method=='POST':
14         uname=request.POST.get('username')
15         email=request.POST.get('email')
16         pass1=request.POST.get('password1')
17         pass2=request.POST.get('password2')
18
19         # check your type password and conform password is same or note if both are same then Login otherwise try again
20
21         if pass1==pass2:
22             return HttpResponse("Your password and confirmed password is NOT same!!!")
23         else:
24             my_user=User.objects.create_user(uname,email,pass1)
25             my_user.save()
26
27             # return HttpResponse("user has been created successfully!!!")
28             return redirect('home')
29             # print(uname,email,pass1,pass2) this is use for only test purpose
30
31
32

```

The bottom status bar shows the file encoding as UTF-8, line length of 54, and column 29.

Figure 5.12: View.py



```

1  """
2  registration URL Configuration
3
4  The 'urlpatterns' list routes URLs to views. For more information please see:
5  https://docs.djangoproject.com/en/4.1/topics/http/urls/
6  Examples:
7  Function views
8      1. Add an import: from my_app import views
9      2. Add a URL to urlpatterns: path('', views.home, name='home')
10 Class-based views
11     1. Add an import: from other_app.views import Home
12     2. Add a URL to urlpatterns: path('', Home.as_view(), name='home')
13 Including another URLconf
14     1. Import the include() function: from django.urls import include, path
15     2. Add a URL to urlpatterns: path('blog/', include('blog.urls'))
16 """
17 from django.contrib import admin
18 from django.urls import path
19 from app1 import views
20
21
22 urlpatterns = [
23     path('admin/', admin.site.urls),
24     path('signup/', views.SignupPage, name='signup'),
25     path('login/', views.LoginPage, name='login'),
26     path('home/', views.HomePage, name='home'),
27     path('logout/', views.HomePage, name='home'),
28 ]
29

```

Figure 5.13: urls.py

```

13
14
15
16 from pathlib import Path
17
18
19 BASE_DIR = Path(__file__).resolve().parent.parent
20
21
22 # SECURITY WARNING: keep the secret key used in production secret!
23 SECRET_KEY = 'django-insecure-$1h77to6o($rrx&tfc@=xga%qh3!(l)hfkq(b-y0u*71d-msb5'
24
25 # SECURITY WARNING: don't run with debug turned on in production!
26 DEBUG = True
27
28 ALLOWED_HOSTS = []
29
30
31 # Application definition
32
33 INSTALLED_APPS = [
34     'django.contrib.admin',
35     'django.contrib.auth',
36     'django.contrib.contenttypes',
37     'django.contrib.sessions',
38     'django.contrib.messages',
39     'django.contrib.staticfiles',
40     'app1',
41 ]
42
43
44 MIDDLEWARE = [

```

Figure 5.14 : Setting.py

```

1  <!DOCTYPE html>
2  <html lang="en">
3
4  <head>
5
6      <meta charset="UTF-8">
7      <meta http-equiv="X-UA-Compatible" content="IE=edge">
8      <meta name="viewport" content="width=device-width, initial-scale=1.0">
9      <title>Safelency</title>
10     <link rel="stylesheet" href="/static/css/safe.css">
11     <!-- <link href="https://fonts.googleapis.com/css2?family=Bree+Serif&display=swap" rel="stylesheet"> -->
12     <link href="https://fonts.googleapis.com/css2?family=Ubuntu:wght@300&display=swap" rel="stylesheet">
13     <link href="https://fonts.googleapis.com/css2?family=Roboto+Serif:wght@300&display=swap" rel="stylesheet">
14 </head>
15
16 <body>
17     <nav id="navigationbar">
18         <div id="logo">
19             
20         </div>
21         <ul>
22             <li class="item"><a href="#">Home</a></li>
23             <li class="item"><a href="/static/html/about.html">About</a></li>
24             <li class="item"><a href="/static/html/contact.html">Contact</a></li>
25             <li class="item"><a href="/login">Login</a></li>
26         </ul>
27
28         <div class="together">
29             <!-- Forgot Password button-->
30             <button class="btn chat-us"><a href="/static/html/query.html">Ask Query</a></button>
31         </div>
32     </nav>

```

Fig-5.15: Home.html

```

63 <!-- Frequently Asked Question -->
64 <h2 id="h2Heading1"></h2>
65 <section class="sample-legal-questions">
66     <div id="legal" class="container">
67
68         <h2 class="h2-content no-margin-top">Legal Questions</h2>
69         <div class="sample-legal-questions-content font-null">
70             <div class="sample-legal-questions-item">
71                 <ul>
72                     <li><a href="/static/html/family.html">Questions on family law</a></li>
73                     <li><a href="/static/html/divorce.html">Questions on marriage and divorce</a></li>
74                     <li><a href="/legal-questions/family-law">Questions on alimony and maintenance</a></li>
75                 </ul>
76             </div>
77             <div class="sample-legal-questions-item">
78                 <ul>
79                     <li><a href="/static/html/rs1.html">Questions on Real estate law</a></li>
80                     <li><a href="/static/html/prop.html">Questions on property law</a></li>
81                     <li><a href="/static/html/prop.html">Questions on property and partition</a></li>
82                 </ul>
83             </div>
84             <div class="sample-legal-questions-item">
85                 <ul>
86                     <li><a href="/legal-questions/criminal-law">Questions on criminal law</a></li>
87                     <li><a href="/legal-questions/civil-law">Questions on civil law</a></li>
88                     <li><a href="/legal-questions/business-law">Questions on business law</a></li>
89                 </ul>
90             </div>
91             <div class="sample-legal-questions-item">
92                 <ul>
93                     <li><a href="/legal-questions/labour-law">Questions on labour law</a></li>
94                 </ul>
95             </div>
96         </div>
97     </div>

```

Figure 5.15: Home.html

```

133 }
134
135 </style>
136 </head>
137 <body>
138   <div class="background">
139     <div class="shape"></div>
140     <div class="shape"></div>
141   </div>
142   <form action="" method="post">
143     {% csrf_token %}
144     <h3>Signup Here</h3>
145
146     <label for="username">Username</label>
147     <input type="text" placeholder="Username" name="username" id="username">
148
149     <label for="email">Email</label>
150     <input type="email" placeholder="Email or Phone" name="email" id="email">
151
152     <label for="password1">Password</label>
153     <input type="password" placeholder="Password" id="password1" name="password1">
154
155     <label for="password2">Confrom Password</label>
156     <input type="password" placeholder="Confrom Password" id="password2" name="password2">
157     <button type="submit">Signup</button>
158
159     <a href="{% url 'login' %}" >i have already account</a>
160   </form>
161 </body>
162 </html>
163
164

```

Figure 5.16: Signup.html

```

142 <body>
143   <div class="background">
144     <div class="shape"></div>
145     <div class="shape"></div>
146   </div>
147
148   <!-- Login section! Backend----->
149
150   <form method="post">
151     <h3>Login Here</h3>
152     {% csrf_token %} <!-- Login karne par error ko remove karne ke liye -->
153     <label for="username">Username</label>
154     <input type="text" placeholder="Enter Username" id="username" name="username">
155
156     <label for="password">Password</label>
157     <input type="password" placeholder="Password" id="password" name="pass">
158     <!-- What you want after submit pasword -->
159     <button type="submit">Log In</button>
160     <!-- <input type="button" value="" -->
161     <!-- <div class="social">
162       <div class="go"><i class="fab fa-google"></i> Google</div>
163       <div class="fb"><i class="fab fa-facebook"></i> Facebook</div>
164     </div> -->
165     <br>
166     <br>
167     <a href="{% url 'signup' %}" >Create a account <span>Forget Password</span></a>
168   </form>
169 </body>
170 </html>
171
172
173

```

Figure 5.17: login.htm

## **CHAPTER 6**

### **CONCLUSION**

In conclusion, this project report highlights the development and implementation of a legal portal website aimed at providing valuable resources and services to users within the legal field. The project involved meticulous planning, thoughtful design, efficient development, thorough testing, and successful deployment to create a comprehensive and user-friendly platform.

Throughout the project, the primary objective was to create a centralized online platform where users, including lawyers, legal professionals, and individuals seeking legal assistance, could access reliable legal information, resources, and services. Extensive research was conducted to identify the specific needs and requirements of the target audience, resulting in a tailored website that addresses their pain points and offers practical solutions.

The website's design focused on creating a professional and trustworthy image, incorporating appropriate visual elements and a well-organized layout. Clear and concise navigation was implemented to ensure easy access to various legal resources and features, including legal articles, case studies, legal documents, expert directories, and a user-friendly search functionality.

During the development phase, emphasis was placed on implementing robust security measures to safeguard sensitive legal information and maintain user confidentiality. Additionally, the website was designed to be responsive and accessible across multiple devices, ensuring a seamless user experience on desktop computers, tablets, and mobile devices.

Overall, the development of this legal portal website has successfully achieved its goals of providing a comprehensive and user-friendly platform for legal professionals and individuals seeking legal resources. It serves as a valuable tool within the legal industry, promoting efficiency, accessibility, and knowledge.

sharing. The project has paved the way for further growth and expansion, with the potential to enhance and enrich the legal community's online experience.

## **FUTURE SCOPE**

The future scope of a legal website is promising, as advancements in technology and changes in user expectations continue to shape the legal industry. Here are some potential areas of growth and development for legal websites:

**Enhanced Online Presence:** As more individuals and businesses turn to the internet for legal services, legal websites will continue to play a crucial role in establishing a strong online presence. Law firms can focus on optimizing their websites for search engines, expanding their online marketing efforts, and leveraging social media platforms to reach a wider audience.

**Mobile Accessibility:** With the increasing use of smartphones and tablets, legal websites need to ensure they are mobile-friendly and responsive. Mobile accessibility will be crucial to cater to clients who prefer accessing legal information and services on their mobile devices.

**Personalization and User Experience:** Customizing the user experience based on the visitor's preferences and needs can greatly enhance the engagement and satisfaction levels. Personalization features such as tailored content recommendations, interactive tools, and intuitive user interfaces can improve the overall user experience on legal websites.

**Chatbots and AI Integration:** The integration of chatbots and artificial intelligence (AI) technology can provide immediate assistance and support to website visitors. Chatbots can handle basic queries, provide information, schedule appointments, and even guide users through certain legal processes, improving customer service and efficiency.

**Virtual Consultations and E-Legal Services:** With the rise of remote work and virtual interactions, legal websites can offer virtual consultations and e-legal services. Providing secure

platforms for online meetings, document sharing, and electronic signatures can make legal services more accessible and convenient for clients.

**Integration with Legal Tech Solutions:** Legal websites can integrate with legal tech solutions and tools to streamline processes, enhance efficiency, and improve client experience. Integration with case management systems, document automation tools, and legal research platforms can provide added value to clients and internal workflows.

**Data Security and Privacy Compliance:** With the increasing concern for data security and privacy, legal websites must prioritize robust security measures and comply with applicable regulations. Implementing encryption, secure client portals, and data protection protocols will be essential to instill trust and safeguard sensitive information.

**Enhanced Legal Research:** Chat bots can be equipped with advanced algorithms and natural language processing capabilities to provide users with accurate and up-to-date legal information. They can search through vast databases of case law, statutes, and legal opinions to offer comprehensive research results.

**Personalized Legal Advice:** As chat bots gather more data and learn from user interactions, they can offer personalized legal advice tailored to individual circumstances. By analyzing specific details provided by users, such as location, legal issues, and personal preferences, chat bots can generate customized recommendations and suggestions.

**Document Drafting and Review:** Chat bots can assist in drafting legal documents, such as contracts, wills, and agreements. They can provide templates, guide users through the necessary sections, and flag potential issues or errors. Additionally,

chat bots can review existing legal documents, identifying potential pitfalls or inconsistencies.

**Legal Process Automation:** Chat bots can automate routine legal processes, such as filing certain types of documents, generating legal notices, or completing standard forms. By streamlining these tasks, chat bots can save time and effort for both legal professionals and individuals

seeking legal assistance. Regulatory Compliance: Businesses must adhere to numerous regulations and compliance requirements. A chat bot can help companies navigate these complexities by providing real-time updates on changing regulations, assisting in compliance audits, and offering guidance on best practices. Dispute Resolution: Chat bots can act as intermediaries in dispute resolution processes, facilitating communication and negotiation between parties. They can offer unbiased suggestions, present alternative solutions, and help streamline the resolution process,

## REFERENCES

Here are some references on Safelency: Online Portal for legal advice.

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**THANK YOU**