



**GET LEGAL -
YOUR LEGAL ADVISOR**

**A Report for the Evaluation 3
of Project 2**

Submitted by

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Under the Supervision of

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SCHOOL OF COMPUTING AND SCIENCE AND ENGINEERING

BONAFIDE CERTIFICATE

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ABSTRACT

“**GET LEGAL – YOUR LEGAL ADVISOR**” is an interactive platform that makes it faster and easier to find and hire Top Rated Lawyers in any court in New-Delhi, because you deserve access to first-rate, professional legal advice from Top Rated Lawyers out there. We are on a mission to make the legal experience remarkable by making legal services high quality, cost-effective and on-demand for every need.

We intend to improve our country's legal system by creating a website having multiple functionalities which can be accessed by everyone. With our work we propose a system with which people get access to a more efficient and time saving system which suggests Top Rated Lawyers without the clients visiting the courts.

This web application uses Sentiment Analysis for providing ratings to a lawyer. This is a platform which provides free advice to the users, where users can get solutions to their problems.

Problem Definition

The traditional manual methods for finding a lawyer are tedious as the clients have to personally roam around the courts and chambers of lawyers in search of a right lawyer. This is tedious, time consuming and prone to inaccuracies as some lawyers in the system often change parties or are incompetent which lead to failure of the cases. Use of the proposed system in lieu of the traditional methods will provide a fast and effective method for finding an appropriate lawyer for the legal matter. Here you can get a free advice for your legal case and you can even book for a free consultancy for your legal matter for the right solutions to your problem.

Literature Survey

Existing System

The traditional methods for finding a lawyer included working offline, roaming around the courts in search of good lawyers and their right advice which requires a lot of human efforts. The traditional manual methods for finding a lawyer are tedious as the clients have to personally roam around the courts and chambers of lawyers in search of a right lawyer. It is very important to find a suitable lawyer for your case, as in many cases/legal matters people's life depend on it. Right Lawyer can save you from the legal punishment or legal consequences that can be passed on you in a legal matter, whereas if you choose a wrong lawyer then it will lead you to deal with the consequences. In today's world, as technological advancements are taking place all around the world, India's legal system is still somewhat backward.

This is tedious, time consuming and prone to inaccuracies as some lawyers in the system often change parties or are incompetent which lead to failure of the cases. Use of the proposed system in lieu of the traditional methods will provide a fast and effective method for finding an appropriate lawyer for the legal matter.

Proposed System

We propose a new system which increases the efficiency of working of a client for his/her legal matter. We have created a website using JAVA / JSP (Java Server Pages) which gives a person an easy access to the Top Rated lawyers in their respective fields. We propose a system which can be accessed by everyone. Clients can also search a lawyer on the basis of the courts like if a client wants to find a lawyer in noida, then he just has to input noida in the Place text field which will display all the top lawyers in noida. Lawyers will be displayed on the basis of their ratings generated. We propose a system named – **“Get Legal– Your Legal Advisor”** which is a lawyer's website where user can post his/her legal questions on the website and those questions would be shown on the profiles of all the registered Lawyers to which they can post the appropriate solutions for the problems. In this website, a user can find an appropriate lawyer on the basis of their practice areas, court names, locations etc. You can also find a lawyer using Find a Lawyer. Our proposed system also displays the registered law firms near you. Here at

our system you can not only get a free legal advice from a designated top rated lawyer but you can also contact the lawyer for a free consultation.

Our proposed system is using Sentiment Analysis which is a part of Data mining which is used to provide ratings to a particular lawyer by a specific user. This proposed system also displays the registered law firms near you. We have linked Indian Kanoon website with our system so that a user can search IPC sections and related data. We have integrated a feature like a chatbot which asks user about his/her problem area then it takes user's E-mail id and then it sends an E-mail to the User's E-mail id which contains the details of the lawyer most suited for the user's problem.

Hardware Specifications

Processor	:	Pentium 2.4 GHz or above
Memory	:	256 MB RAM or above
Cache Memory	:	128 KB or above
Hard Disk	:	3 GB or above [at least 3 MB free space required]
Pen Drive	:	2 GB

Software Specifications

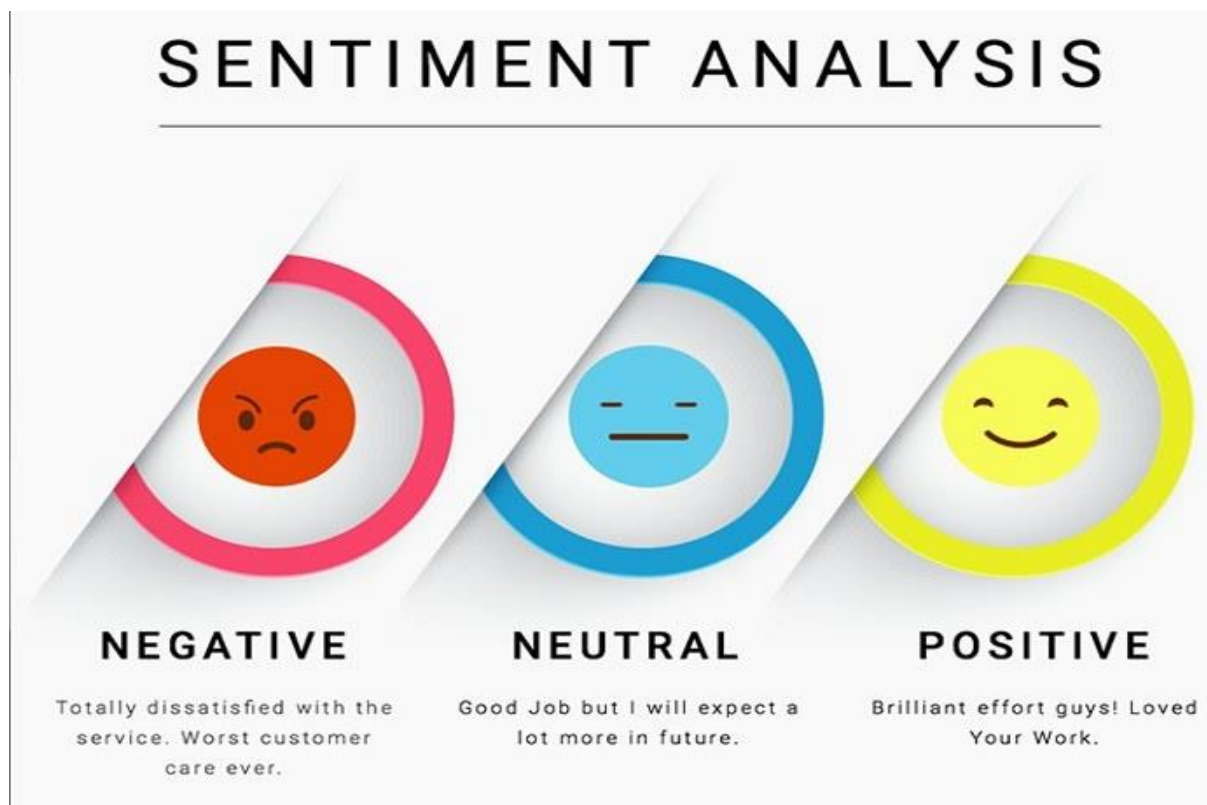
- Operating System** : Windows XP (Professional)/windows 7/8/10
- Development Tools** : HTML, CSS, JavaScript, JAVA, JSP
:
- Database** : MySQL
- Web Browser** : IE6 or Netscape or Google Chrome or similar
- Web Development Tools** : Adobe Dreamweaver, MySQL Yog Community
- Server** : Apache Tomcat (localhost)

Sentiment Analysis

Sentiment Analysis is contextual mining of text which identifies and extracts subjective information in source material, and helping a business to understand the social sentiment of their brand, product or service while monitoring online conversations.

Sentiment Analysis is a field within Natural Language Processing (NLP) that builds systems that try to identify and extract opinions within text. Usually, besides identifying the opinion, these systems extract attributes of the expression.

Sentiment analysis is often referred to as opinion mining, because the opinion collected from the customer will be mined to reveal the rating of the product. It comes under machine learning. Since the online data is tremendously growing data-by-day, it is considered to be very important in the current situation because, lots of user opinionated texts are available in the web now. Sentiment analysis is considered to be the study of user's thought and feeling towards a product. The importance of the sentiment analysis or opinion mining is increasing day by day, as data grows day by day. Machines must be reliable and efficient to interpret and understand human emotions and feelings.

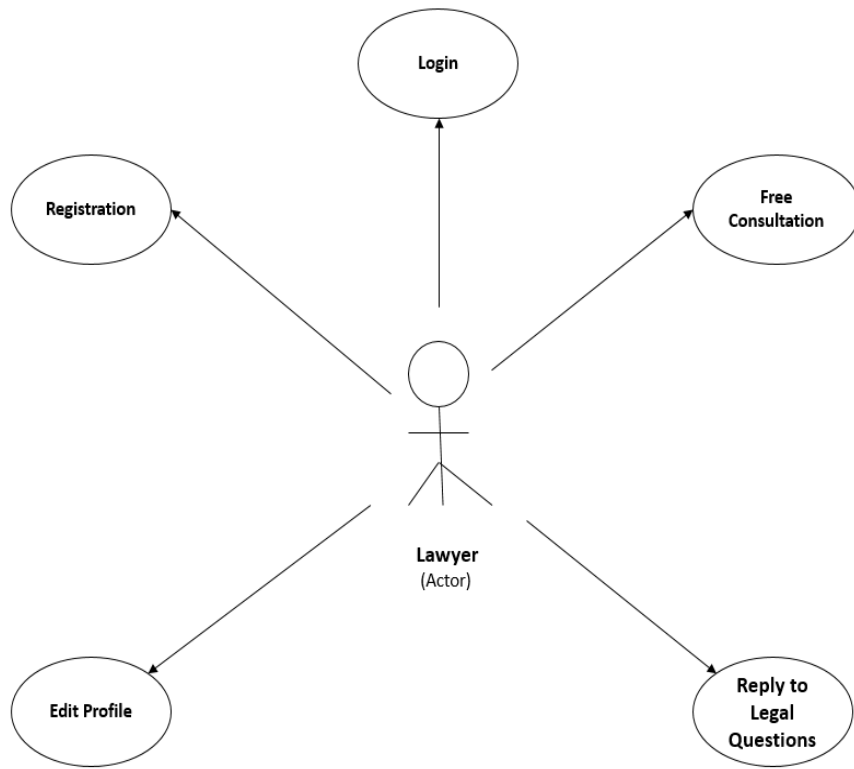


Software Specification requirement

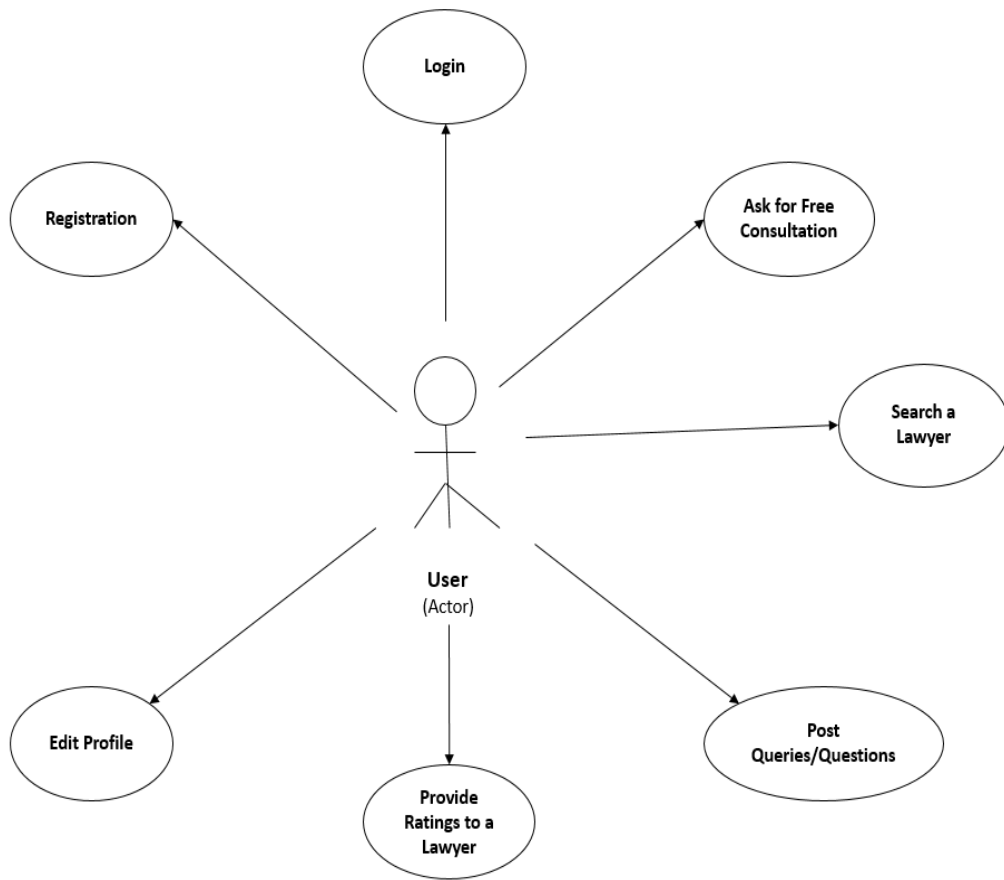
After analysing the requirements of the task to be performed, the next step is to analyse the problem and understand its context. The first activity in the phase is studying the existing system and other is to understand the requirements and domain of the new system. Both the activities are equally important, but the first activity serves as a basis of giving the functional specifications and then successful design of the proposed system. Understanding the properties and requirements of a new system is more difficult and requires creative thinking and understanding of the existing running system is also difficult, improper understanding of present system can lead to diversion from the appropriate solution. Software design sits at the technical kernel of the software engineering process and is applied regardless of the development paradigm and area of application. Design is the first step in the development phase for any engineered product or system. The designer's goal is to produce a model or representation of an entity that will later be built.

3.1 Use Case Diagrams

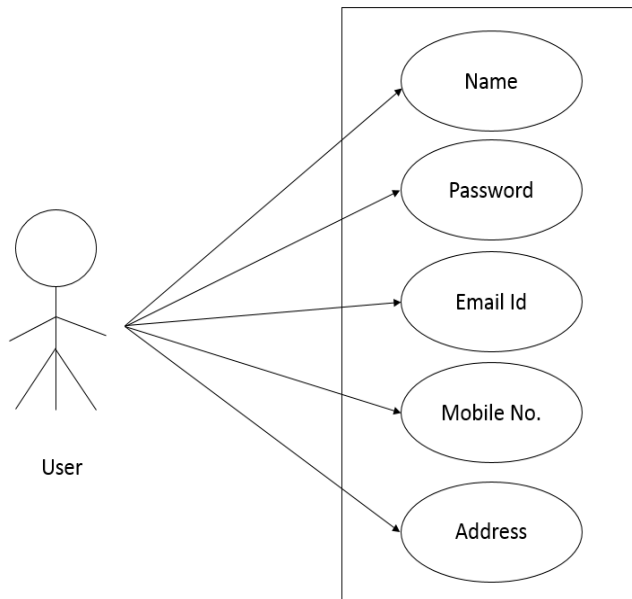
Lawyer Use Case Diagram



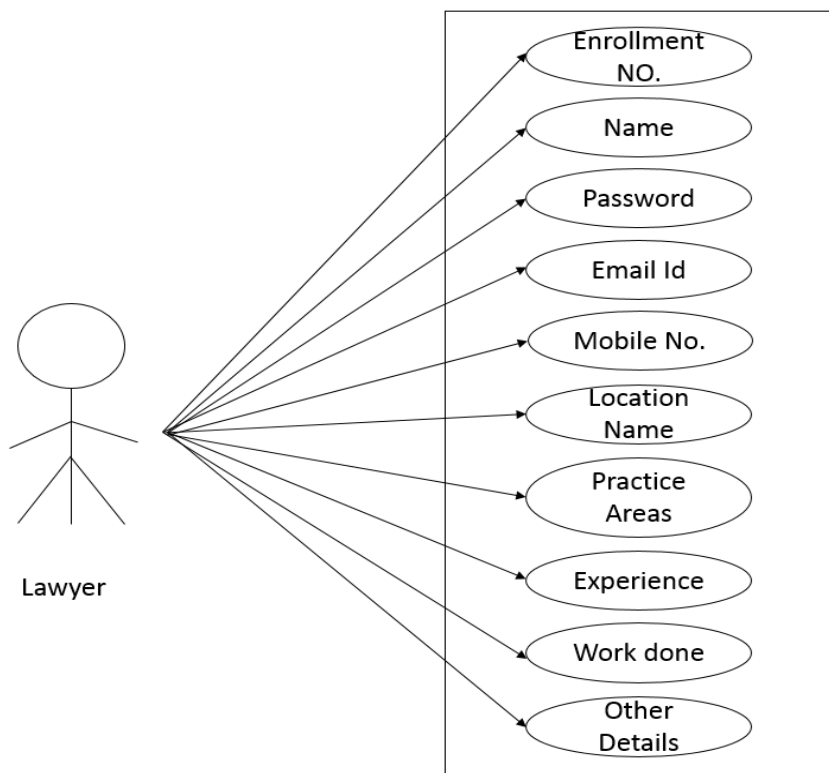
User Use Case Diagram



User Registration Use Case Diagram

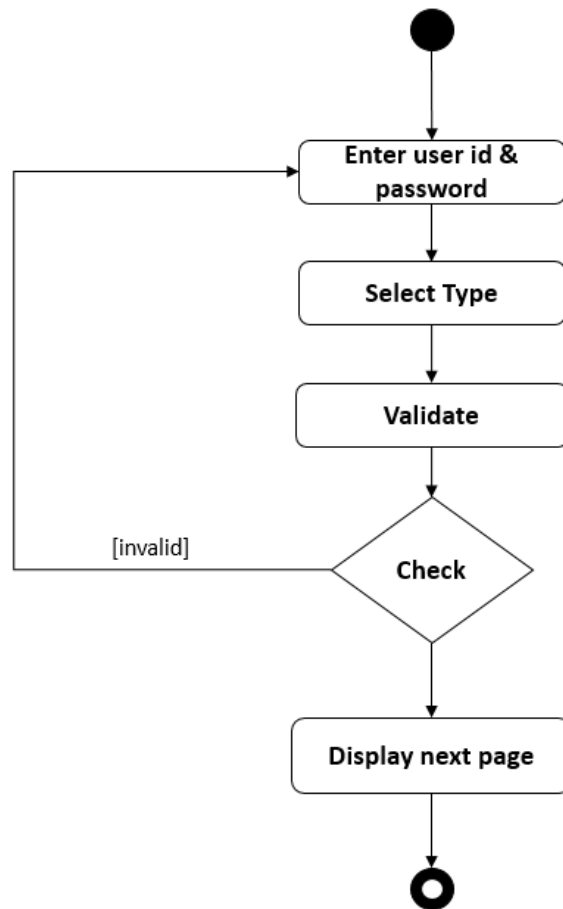


Lawyer Registration Use Case Diagram

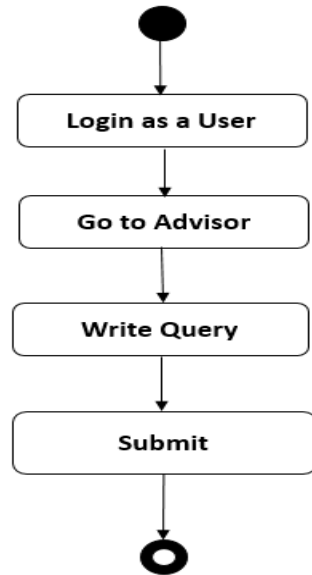


3.2 Activity Diagrams

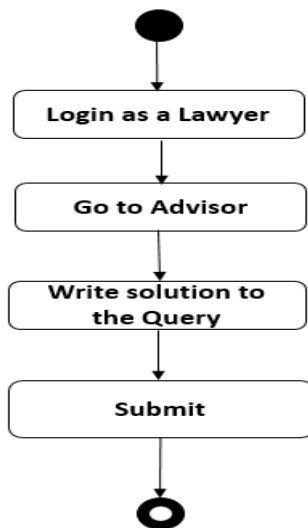
Login



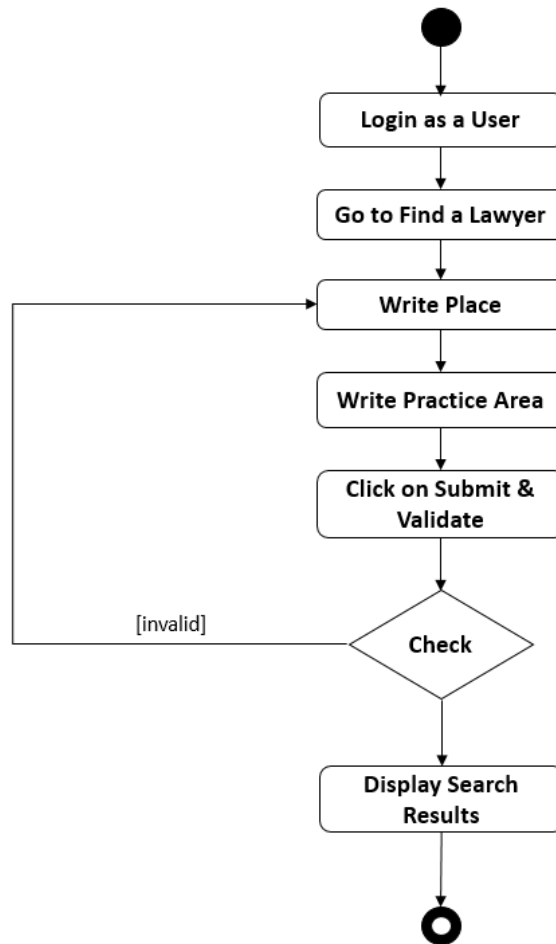
Posting of User's Query



Lawyer's Solution to User's Query



For Searching a Lawyer



Experimental setup

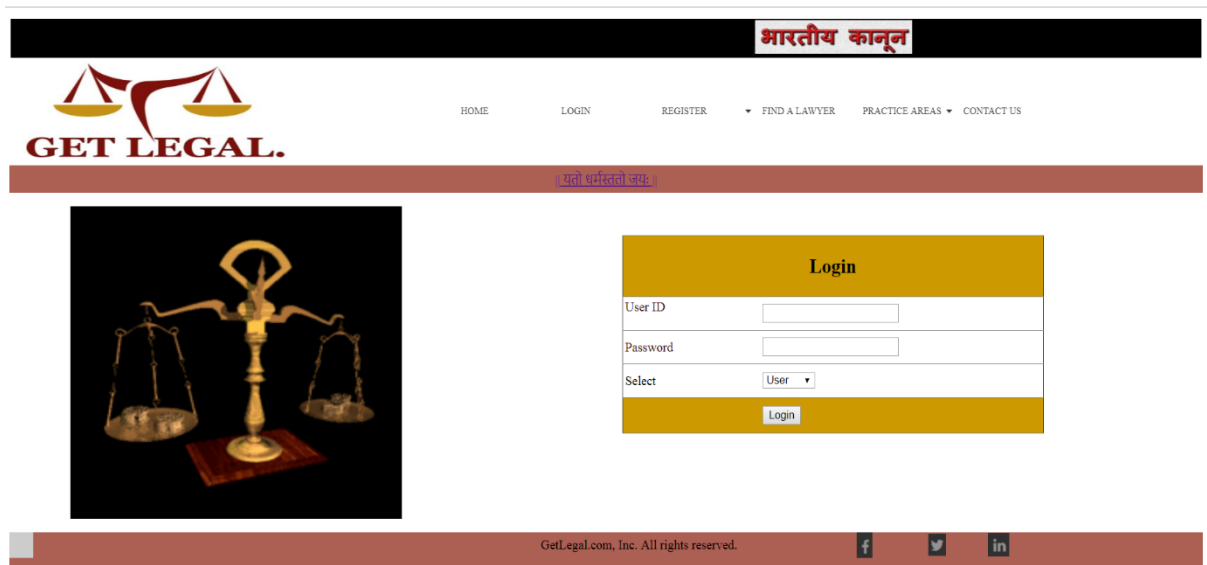
Home Page



The screenshot shows the home page of the 'GET LEGAL' website. At the top, there is a black header with the text 'भारतीय कानून' (Indian Law) in white. Below this is the 'GET LEGAL.' logo, which features a stylized scale of justice. To the right of the logo is a navigation menu with links: HOME, LOGIN, REGISTER, FIND A LAWYER, PRACTICE AREAS, and CONTACT US. A red banner below the navigation contains the motto '॥ यतो धर्मस्ततो जयः ॥'.

The main content area is divided into two columns. The left column is titled 'NEWS UPDATES' and contains two news items. The first item, dated 02/02/2019, discusses a court decision regarding a rape victim's challenge to the juvenility of the perpetrator. The second item, dated 03/05/2018, mentions a court order for the deletion of a reference to a Sikh leader. The right column features a large image of a court building, a 'Chat' window with a 'Message' input field and 'Send'/'Close' buttons, and a section titled 'Top Lawyers in India' with two profile pictures.


Login



The screenshot shows the login page of the 'GET LEGAL' website. It features the same header and navigation as the home page. A red banner with the motto '॥ यतो धर्मस्ततो जयः ॥' is present. The main content area is split into two sections. On the left is a large image of a golden scale of justice. On the right is a yellow 'Login' form with the following fields: 'User ID' (text input), 'Password' (password input), and a 'Select' dropdown menu with 'User' selected. A 'Login' button is located at the bottom of the form. At the bottom of the page, there is a footer with the text 'GetLegal.com, Inc. All rights reserved.' and social media icons for Facebook, Twitter, and LinkedIn.

User Registration




भारतीय कानून

HOME LOGIN REGISTER FID & LAWYER PRACTICE AREAS CONTACT US

[Go to Home](#)


New User Register

Name	<input type="text"/>
Password	<input type="password"/>
Email Id	<input type="text"/>
Mobile	<input type="text"/>
Address	<input type="text"/>

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Lawyer Registration

भारतीय कानून

HOME LOGIN REGISTER FID & LAWYER PRACTICE AREAS CONTACT US


New Lawyers Register

Enrollment No	<input type="text"/>
Name	<input type="text"/>
Password	<input type="password"/>
Email Id	<input type="text"/>
Mobile	<input type="text"/>
Location Name	<input type="text"/>
Practice Area	<input type="text" value="Family Law"/>
Experience	<input type="text"/>
Work Desc	<input type="text"/>
Other Details	<input type="text"/>
Upload Image	<input type="button" value="Choose File"/> No file chosen <input type="button" value="Submit"/>

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Find a Lawyer

भारतीय कानून



HOME LOGIN REGISTER FIND A LAWYER PRACTICE AREAS CONTACT US

Place Family Law


Laywer	En. No	Name	Email Id	Mobile	Experince	Work Done	Ratings
	D 2807 2011	AJAY KUMAR GUPTA	null	null	12	null	8.0
	D 138 2010	SANJEEV DHINGRA	null	null	2	null	7.0
	D 1534 2010	BRIJESH TYAGI	null	null	2	null	7.0
	D 1596 2001	ROSHAN LAL SAINI	null	null	2	null	7.0

User Home Page



Profile

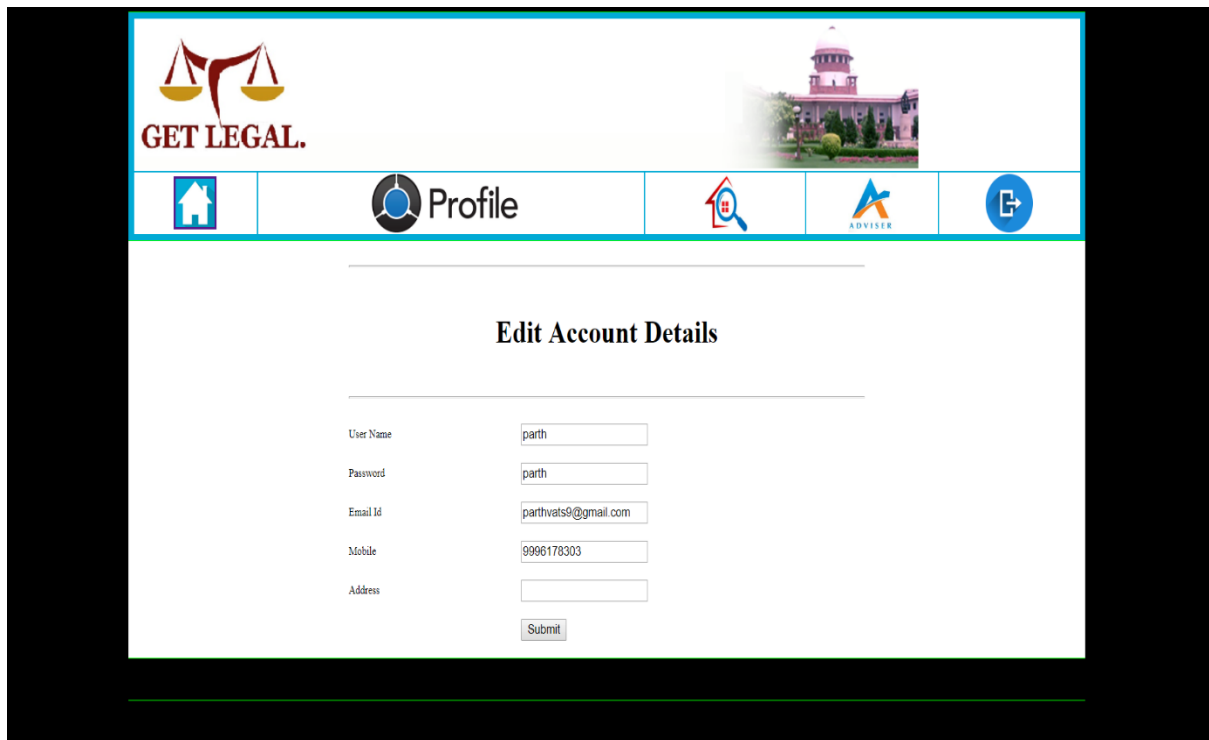
ADVISER



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User Profile



GET LEGAL.

Profile

Edit Account Details

User Name

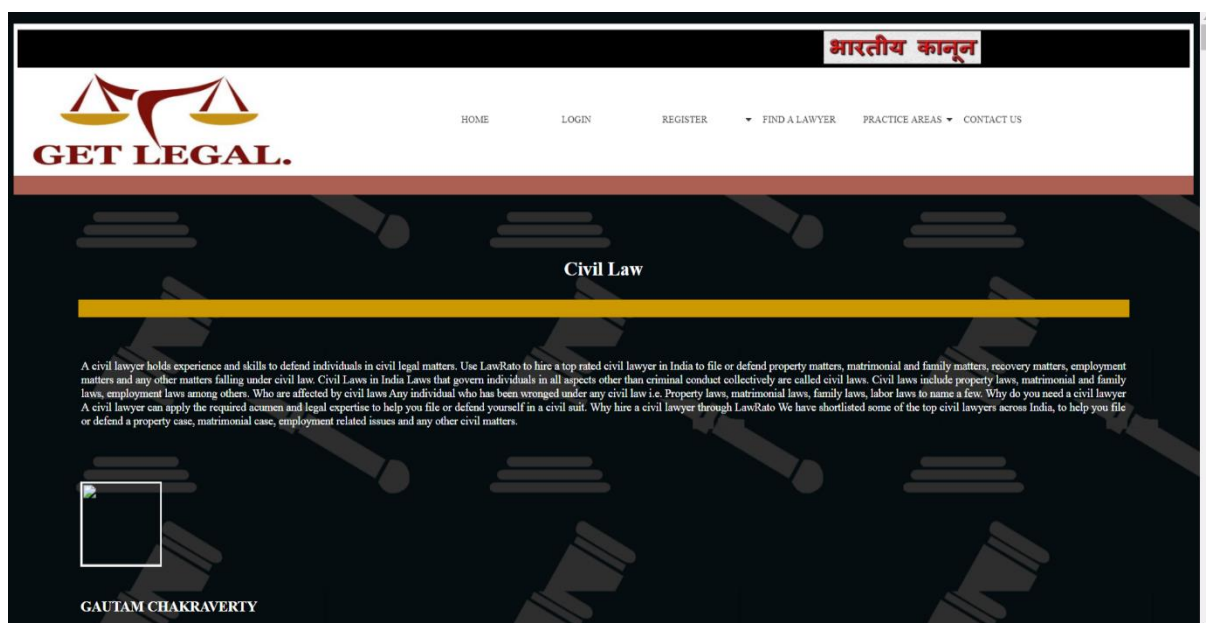
Password

Email Id

Mobile

Address

Practice Areas – Civil Law



भारतीय कानून

HOME LOGIN REGISTER FIND A LAWYER PRACTICE AREAS CONTACT US

Civil Law

A civil lawyer holds experience and skills to defend individuals in civil legal matters. Use LawRato to hire a top rated civil lawyer in India to file or defend property matters, matrimonial and family matters, recovery matters, employment matters and any other matters falling under civil law. Civil Laws in India Laws that govern individuals in all aspects other than criminal conduct collectively are called civil laws. Civil laws include property laws, matrimonial and family laws, employment laws among others. Who are affected by civil laws Any individual who has been wronged under any civil law i.e. Property laws, matrimonial laws, family laws, labor laws to name a few. Why do you need a civil lawyer A civil lawyer can apply the required acumen and legal expertise to help you file or defend yourself in a civil suit. Why hire a civil lawyer through LawRato We have shortlisted some of the top civil lawyers across India, to help you file or defend a property case, matrimonial case, employment related issues and any other civil matters.

GAUTAM CHAKRAVERTY

Conclusion

It can be concluded that the “GET LEGAL – YOUR LEGAL ADVISOR” Website so formed can be free of Hardware or may change the hardware but the dependence on the data is too much. The Backend maintenance is the most challenging and fragile part since a single wrong can ruin the entire database but Rules selection allowed no interference that could ruin the database.

The System was tested and operated on a required Browsers (Mozilla Firefox, Google Chrome, Internet Explorer, Microsoft Edge) from the point of the view of both a Novice User and an Engineer Expert. In both the cases it was found that the required objectives were fulfilled and operation went on smoothly.

The Project can easily deployed by creating a WAR file and can easily hosted to open shift or AWS.

After careful observation, it has come to my conclusion that our website will undeniably become an important part of our society. The world wide web is and will have a large part in our daily lives. It is therefore critical that people of our country become our website. Although there are negative aspects in the traditional running system which may affect our system, people often get wrong advices from people they meet in courts and they may act on it. For example, one of the negative aspects of this system is that consumers lack the advice and guidance about lawyers, to accommodate that, we have find a lawyer option and advisor for advice from a lawyer. Nevertheless, our website does benefit people from small towns to companies. This is why it is crucial to understand how our website affect lives of people because it is becoming such a huge part of how society functions. This is why is it important to understand this subject because in the long run, it will affect all of us.

References

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