

A Thesis/Project/Dissertation Report

on

**Consultant to solve people's legal problems and spread
awareness about law & order**

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

B. Tech. CSE (Core)



Submitted by:-

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**GALGOTIAS UNIVERSITY, GREATER NOIDA
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CANDIDATE'S DECLARATION

I/We hereby certify that the work which is being presented in the thesis/project/dissertation, entitled **“Consultant to solve people’s legal problems and spread awareness about law & order”** in partial fulfillment of the requirements for the award of the B.Tech. (CSE) submitted in the School of Computing Science and Engineering of Galgotias University, Greater Noida, is an original work carried out during the period of month, Year to Month and Year, under the supervision of Dr. Vipul Narayan(Guide) , Department of Computer Science and Engineering/Computer Application and Information and Science, of School of Computing Science and Engineering , Galgotias University, Greater Noida

The matter presented in the thesis/project/dissertation has not been submitted by me/us for the award of any other degree of this or any other places.

Vikash Singh(21SCSE1010950)

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

CERTIFICATE

The Final Thesis/Project/ Dissertation Viva-Voce examination of Consultant to solve people's legal problems and spread awareness about law & order Vikash Singh(21SCSE1010950) has been held on 5 th JUNE, 2023 and his/her work is recommended for the award of -B.TECH. (CSE).

Signature of Examiner(s)

Signature of Supervisor(s)

Signature of Program Chair

Signature of Dean

Date: June, 2023

Place: Greater Noida

ABSTACT

We present the result of our study on the problem faced by citizens in our country. In India most of the people are unaware of the laws and they are afraid to take help of police and court. Everyone can't afford legal advisers and good lawyers. In every profession we required legaladvices either it is for a small scale business or for any multinational company. It generally seem that people who are under poverty line has been ignored with their complain, sometimes police ignore their problem it may lose their faith in laws and order. Having an overview on those situation we developed a website, which provide all the legal advice directly to user without any third person involved. If anyone having any trouble, they can directly consult with AI chat bot. It will provide a 24/7 consultancy to the user. Knowledge regarding necessary documents and section has been provided. According to thesurvey there is no such website exit in this domain. Technology used for the system are Angular CLI, JavaScript, HTML, CSS, PHP, MySQL, Node Js. In the analysis and design section, the system is designed using the EER diagram and UML diagrams. Level of user satisfaction is evaluated by using a questionnaire. The questionnaire has consisted of 8 criteria. It is distributed among 40 selected users and collects their feedback.

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Acronyms

B.Tech.	Bachelor of Technology
M.Tech.	Master of Technology
BCA	Bachelor of Computer Applications
MCA	Master of Computer Applications
B.Sc. (CS)	Bachelor of Science in Computer Science
M.Sc. (CS)	Master of Science in Computer Science
SCSE	School of Computing Science and Engineering

CHAPTER-1

Introduction

India is a country with mass population and of illiterate. Majority of people are not aware of the legal systems prevailing in the country and also of their constitutional rights. Even though people are aware of it, they are not in a situation to afford because of their economic and social backwardness. They are in a helpless situation to engage the services of legal counsel, which has become the costly affairs. With a view to provide free legal aid to the deserving sections of the society, Parliament of India has incorporated a specific Directive Principle viz. Article 39-A by 42nd Amendment of Constitution in 1976. Legal aid is a constitutional right supported by Articles 21 and 39-A of the Constitution of India. “Access to Justice” is a basic human right conferred by the common law and exists unless it is taken away under any valid exercise of statutory or constitutional power by the legislature. The word “access” in itself signifies a Right to move towards Remedy. This is not a modern concept and it is a large reflective of the primeval principle of Roman law “ubi jus ibi remedium” i.e., where there is a Right, there is a Remedy. The prime obligation of state is to provide free legal aid to the poor, indigent and marginalized and it is their right guaranteed under the constitution of India to demand and avail. Further the paper proceeds with the legal awareness with issues and challenges in India and the conclusive part will be deal with certain suggestions for promoting more effectiveness of statutory provisions. So, an impartial independent judiciary is the guardian of individual rights in a democratic society. In order for citizens to have faith in their court system, all people must have access to the courts when necessary. Let us analyze the difficulties (issues) and challenges in providing free legal assistance to the poor and marginalized people and try to reach out the solutions.

A legal adviser is a professional who provides advice, assists in handling disputes, analyze and identify the legal issues, drafts the legal documents, maintains correspondence, etc.

Formulation of problem

The Online Legal Website Development project aims to create a comprehensive online platform that provides legal information, resources, and services to individuals and businesses. The website will serve as a one-stop solution for users seeking legal guidance, information, and access to legal professionals.

Our project aims to:

- Build a user-friendly and intuitive website interface to enhance user experience and accessibility.
- Develop a robust and secure backend infrastructure to handle user data and maintain confidentiality.
- Provide a vast database of legal information, including articles, FAQs, and guides on various legal topics.
- Implement a search functionality to enable users to find relevant legal information quickly.
- Integrate features for users to connect with legal professionals through consultations, inquiries, and online appointments.
- Offer online legal document templates and guides to assist users in drafting legal documents.
- Incorporate a secure payment gateway for online payments related to legal services.
- Develop a user account management system to enable users to save preferences, track interactions, and access personalized content.

- Implement a user feedback and rating system to ensure transparency and quality of legal services.
- Optimize the website for mobile devices to provide a seamless experience across different platforms.

ADVANTAGES

- 24/7 real time responses

Provide customers with legal help whenever they need it. Chatbot doesn't need rest or vacation.

- Reduce costs

Automate FAQs and customer service inquiries reducing time needed from your customer service team.

- Generate legal documents

Chatbot to help you generate legal documents, reports, and legal briefs. A bot chats with a client to gather the required information and then creates his document in minutes instead of you.

- Easy access to information

Scan through the huge volume of data to find the exact answer. Chatbots can scour through a lot of data to provide information like laws, regulations or a similar case. The technology combines both chatbot and CRM and attorneys can easily find the data for a related lawsuit.

CHALLENGES

Chatbots have a few disadvantages and chatbot implementation challenges, including:

- They are susceptible to data security breaches.
- They can misunderstand user sentiment.
- They can face vernacular issues.
- They can interrupt the user experience.

In this semester we research on limitations of traditional video conferencing platforms. Which we will discuss in this paragraph. Traditional video conferencing platforms like Zoom and Skype have become popular during the pandemic, but they were not designed for legal consultations. These platforms lack key features that are essential for legal consultations, such as secure document sharing and collaborations tools.

Additionally, traditional video conferencing platforms do not offer the level of security and privacy that is required for legal consultations. Lawyers need to ensure that their conversations with clients are confidential, and traditional video conferencing platforms may not provide adequate protection against eavesdropping or hacking.

Implementing a video call algorithm for legal consultations requires careful consideration for several factors. One of the main challenges is ensuring that the algorithm meets the ethical and professional standards of the legal profession.

Another consideration is the cost of implementing a video call algorithm. Lawyers may need to invest in new technology and software, which can be expensive. Additionally, lawyers will need to train their staff on how to use the new system, which can be time-consuming.

TOOLS AND TECHNOLOGY USED

Programming Languages:

- Backend Development:
 1. Python
 2. Java
 3. PHP
 4. Node.js

- Frontend Development:
 1. HTML,
 2. CSS,
 3. JavaScript (with frameworks like React, Angular, or Vue.js)

CHAPTER-2

LITERATURE SURVEY

In characterizing client focused models for online legitimate help services, there is a constrained collection of research from attorneys, human-computer interaction scholars, sociologists that set out beginning understandings of how laypeople utilize the Internet to get to lawful help and what key fail points and chances exist. There are expanding quantities of lawful data sources and services available to the overall population online. Though data about the law and tools to finish lawful tasks were truly saved for legitimate experts, there has been an opportunity to developing these legal services available on the web, either for very low cost or for free. The sorts of websites and their patrons include the following classes. Sites that say what the law is, the thing that lawful techniques are, and what qualification for accepting administrations are. [10]. Non-profit Legal Services

Referrals/Information sites that assist a client make sense of what their lawful issue is and what nearby services are accessible. [11].

Private Legal Information sites that assist clients comprehend what the law says in regards to specific subjects. These incorporate destinations that present articles and replies on lawful issues, as Immihelp, Nolo, Upcounsel, and Hiremelegal, and in addition more legal advisor centered apparatuses that give top to bottom research instruments and rundowns, as CaseText, Judicata, Ravel, PlainSite, and CoCounsel. Legal Services/Eligibility sites that present screener to figure out what legitimate services or ways clients may be qualified to seek after. Regularly these are controlled by philanthropies or new businesses. Cases of these destinations incorporate Expunge.io and Citizenship Works. Private Legal Self-Help tools that furnish the client with data as well as help them in getting frames finished or even to settle their question without experiencing the courts by any stretch of the imagination. Here, there are for the most part revenue driven new businesses like Bridge US, Modria, Legal Zoom and Rocket Lawyer. More laypeople are swinging to the Internet to discover help to

determine issues with lawful International Journal of Computer Science & Information Technology (IJCSIT) Vol 10, No 5, October 2018 15 measurements. The Internet is progressively a first port of require a man when searching out data about whether their concern is a legitimate one, and how to conceivably address it [12]. A recent report 2010 from the ABA finds that an expanding number of individuals are utilizing on the web scans to discover a legal counselor for an individual lawful issue. The survey found that the vast majority, in the event that they required a legal counselor for an individual legitimate issue, would first swing to family, companions, and associates to discover a legal counselor and afterward contact a known legal counselor, look in a registry, or hunt online [13]. Younger adults are especially likely to depend on web scans for finding a legal counselor, while not very many of those more than 65 would utilize the Internet to discover a legal advisor [14]. The survey asked into what online services a man would be destined to utilize if hunting down a legal advisor to help them. The individual was offered the alternatives of legal advisors' sites, social networks like Facebook & twitter, an online catalog, a Q&A site, a legal advisor rating webpage, sites or email list hosts. The most astounding number of respondents said they would likely utilize Q&A sites, attorney rating sites, and legal advisors' own particular sites. Online indexes and coordinating sites positioned to some degree lower. Positioned very low were online journals, web-based social networking, and Twitter, Facebook, and list hosts [15]. At the point when individuals chose to continue on a lawful issue without an attorney, the ABA survey found that they were probably going to swing to free online services. Free online services positioned nearly as exceedingly as the utilization of court self-improvement focuses or judges. Free online administrations positioned higher than books, court agents, programming, or curators. Expensebased online lawful administrations were positioned the most minimal, as to the least extent liable to be utilized [16]. Free online lawful assets were especially prevalent among more youthful and lower salary respondents. The ABA overview demonstrates that individuals do have a large enthusiasm for free on the web legitimate assets and unbundled lawful service that they could buy from legal counselors. It

likewise demonstrates that for the errand of searching down an attorney, the Internet may not be their first asset, but rather it is more prominent among youngsters and is about as famous as looking through an offline storage. These patterns all demonstrate that the Internet as a wellspring of legitimate help regardless of whether it is being utilized for finding a legal counselor or exploring a lawful methodology without one is an imperative focus for taking a shot at enhancing access to equity, particularly among more youthful individuals and those in bringing down wage levels.

CHAPTER 3

FUNCTINALITY OF THE PROJECT

Legal Information and Resources:

- Provide a comprehensive database of legal articles, guides, and FAQs covering various legal topics.
- Organize legal information into categories or practice areas for easy navigation.
- Include legal terminology glossaries or dictionaries for users to understand legal terms.

Search Functionality:

- Implement a robust search feature that allows users to find relevant legal information quickly.
- Enable advanced search options such as filters, keywords, and sorting.

Legal Document Templates and Guides:

- Offer a collection of legal document templates, such as contracts, agreements, and forms, for users to download or customize.
- Provide step-by-step guides and instructions to help users understand and complete legal documents accurately.

Legal Consultation and Advice:

- Enable users to schedule online consultations or seek legal advice from qualified attorneys or legal professionals.
- Implement a booking system for users to select available time slots and communicate with lawyers via video conferencing or chat.

Lawyer Directory and Profiles:

- Create a directory of lawyers or legal professionals, including their profiles, areas of expertise, qualifications, and contact information.
- Allow users to search for lawyers based on practice areas, location, experience, or ratings.

User Accounts and Personalization:

- Provide user registration and login functionality to allow users to create accounts and access personalized features.
- Enable users to save their favorite articles, bookmark legal resources, or track their interactions with lawyers.

Secure Payment Processing:

- Integrate a secure payment gateway to facilitate online payments for legal services or document downloads.

- Ensure compliance with relevant payment security standards (e.g., PCI DSS).

User Reviews and Ratings:

- Implement a system for users to provide feedback, reviews, and ratings for lawyers and their services.
- Display aggregated ratings and reviews to help users make informed decisions when selecting a lawyer.

Legal News and Updates:

- Include a section for legal news, recent court decisions, and updates on legal regulations and policies.
- Provide timely and relevant information to keep users informed about legal changes.

Mobile Responsiveness:

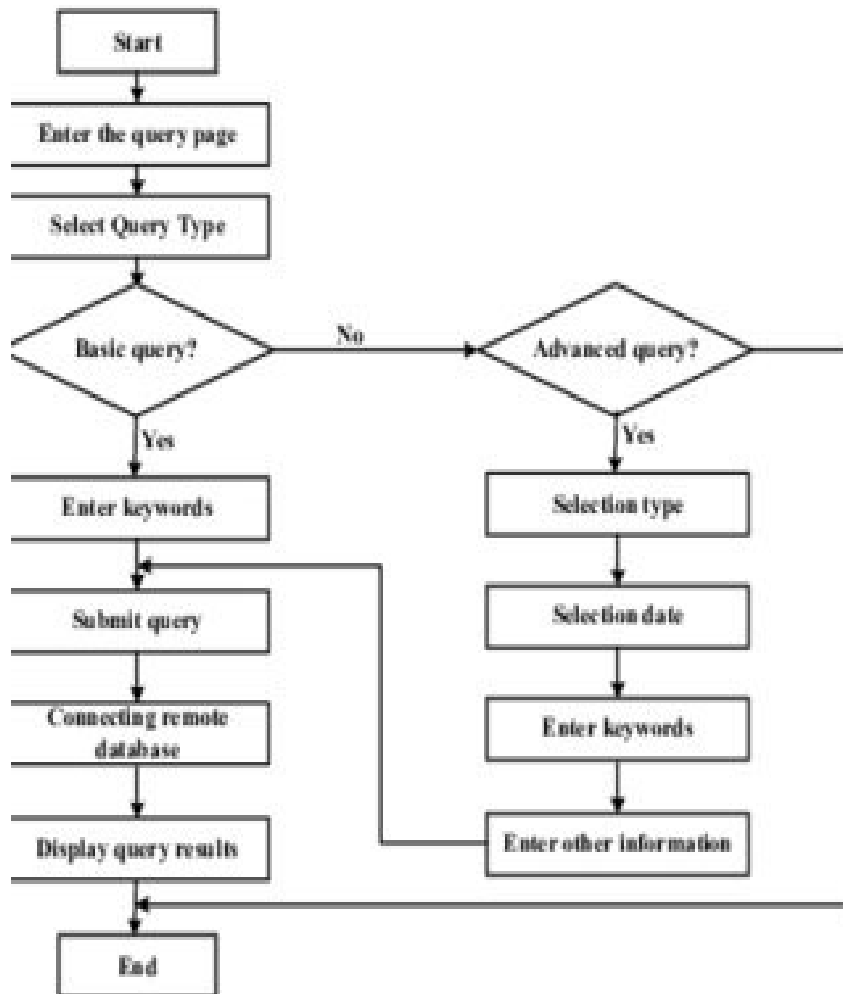
- Optimize the website design and functionality to ensure a seamless experience across different devices, including mobile phones and tablets.

Language Localization:

- Offer multi-language support to cater to users from different regions or language preferences.
- Privacy and Security:
- Implement robust security measures to protect user data, including encryption, secure login, and adherence to data protection regulations.

Social Media Integration:

- Enable users to share legal articles, resources, or lawyer profiles on social media platforms to increase engagement and reach.



CODE:

The screenshot shows a Notepad++ editor window with the following content:

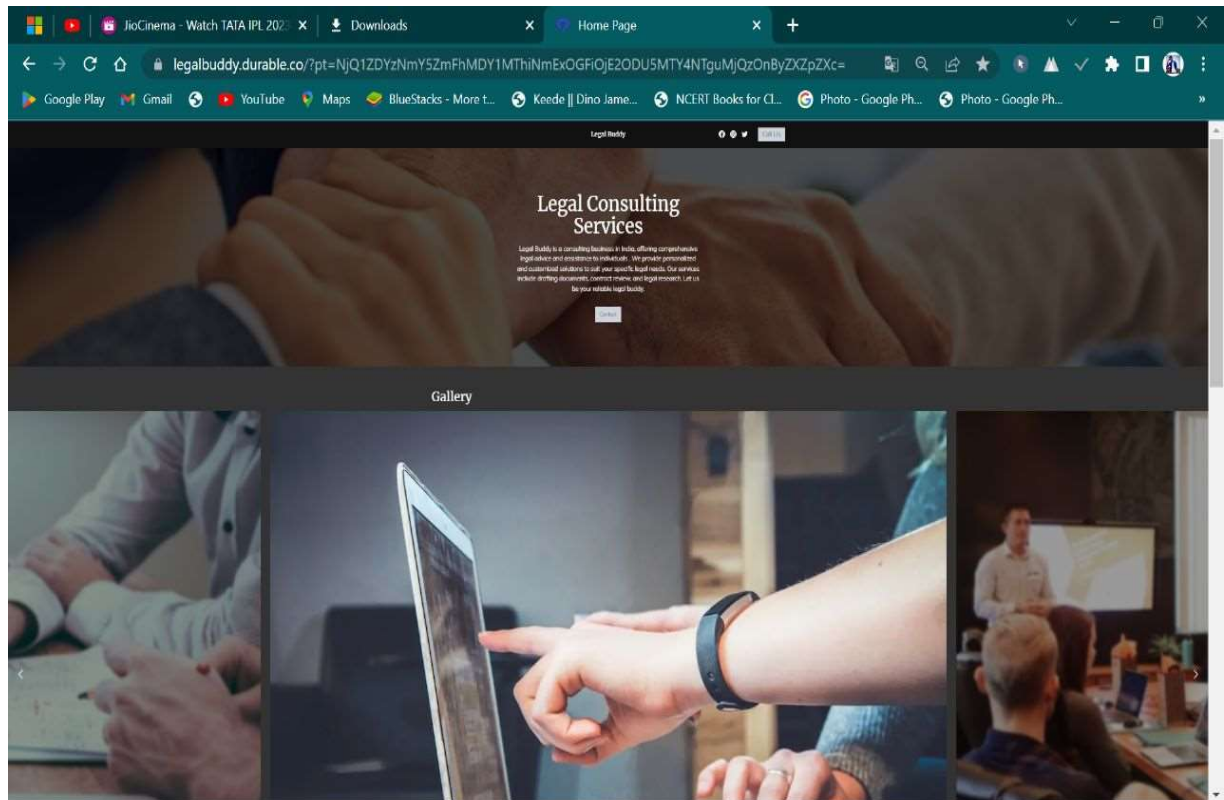
```

1 <html style="--body-fontFamily: 'Mulish', sans-serif; --body-fontWeight: 300; --head-fontFamily: 'Merriweather', serif; --head-fontWeight: 400;" data-headlessui-focus-visible="">
2   <let unlock = false
3   document.addEventListener('allow_copy', (event) => {
4     unlock = event.detail.unlock
5   })
6
7   const copyEvents = [
8     'copy',
9     'cut',
10    'contextmenu',
11    'selectstart',
12    'mousedown',
13    'mouseup',
14    'mousemove',
15    'keydown',
16    'keypress',
17    'keyup',
18  ]
19
20  const rejectOtherHandlers = (e) => {
21    if (unlock) {
22      e.stopPropagation()
23      if (e.stopImmediatePropagation) e.stopImmediatePropagation()
24    }
25  }
26
27  copyEvents.forEach((evt) => {
28    document.documentElement.addEventListener(evt, rejectOtherHandlers, {
29      capture: true,
30    })
31  })
32
33  })
34  </script><head><meta charset="utf-8"><meta name="viewport" content="width=device-width"><meta name="theme-color" content="#111111"><link rel="icon" href="/favicon.ico"><title
35    background:#CDD3DA;
36    box-shadow: 0 0 10px #CDD3DA;
37  </style><link rel="preconnect" href="https://fonts.gstatic.com" crossorigin="true"><link href="https://fonts.googleapis.com/css?family=Merriweather:wght2400&amp;family=Mu
38  <p>
39  </p>
40  <p style="white-space: pre-line;">Get in touch with the legal experts of Legal Buddy and solve your problems today!</p></div></div><div class="w-full lg:w-1/2"><form class="block"
41  <p style="white-space:pre-line">I'm proud to announce the opening of Legal Buddy, a consulting business in India. We are here to provide legal advice and support to our clients. Ou

```

The status bar at the bottom indicates: Hyper Text Markup Language file, length: 9,82,702, lines: 36, Ln: 34, Col: 1, Pos: 9,60,623, Windows (CR LF), UTF-8, INS.

SCREENSHOT OF WEBSITE:



Chapter 5

CONCLUSION

This website will benefit the citizen by various means as it will not cost high with multiple best solutions to overcome and law related problems. In India we have several cases of land disputes so in this case it can help a person from losing his/her land from the opponent, but in the current scenario, lawyers charge very high for one appointment. This website will also spread awareness about the accurate penalty so no one can charge extra from a person and it is helpful in so many ways. In conclusion, adding a video call algorithm specifically designed for legal consultations can greatly improve the experience for both lawyers and clients. This technology can provide greater efficiency, accuracy, and security than traditional video conferencing platforms. While there are challenges and considerations to implementing a video call algorithm, the benefits outweigh the costs. Lawyers who invest in this technology will be better equipped to serve their clients in the digital age.

FUTURE SCOPE

The question that arises would be whether chatbots are capable of acting as lawyers since they are capable of acting as humans. In fact, this question leads to two different issues. First, are chatbots intelligent enough to be performing legal tasks? Second, is there a legal possibility for them to act as lawyers or other legal professionals? Chatbots have already been deployed by law firms and Legal Technology ('Legal Tech') start-ups to perform some lawrelated activities as a way to provide better assistance to clients. The widespread use of chatbots may further deepen existing issues relating to the scope of legal functions chatbots undertake, the unauthorised practice of law and the competitiveness in the legal sector. This paper examines the aforementioned issues and suggests a two-step approach to providing legal services which incorporate the use of chatbots with help from qualified attorneys. The goal of the suggested two-step approach is an attempt at a peaceful collaboration between technology and legal professionals, where the use of chatbots do not threaten the 'status-quo' of qualified persons, but rather, encourages further innovation in the legal profession.

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