

ONLINE ADVANCE E-LAWYER APPLICATION USING PYTHON

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ABSTARCT

The Lawyers Record Management System (LRMS) is the central repository for storing pertinent data and information concerning advocates and lawyers. Its principal objective is to systematically document, safeguard, and update the latest iterations of lawyers' and advocates' records.

The data obtained from LRMS is integrated into the outcomes of an online search for solicitors and advocates. Through the aid of this software, individuals can search for Lawyers or Advocates who align with their specific criteria, based on the search results that are generated.

Keywords- E-Lawyer, Application, Python.

INTRODUCTION

Currently, there are limited and uncomplicated methods available to contact legal professionals in Bangladesh due to the absence of a reliable website. However, a web application has been developed to address this issue, allowing individuals in Bangladesh to easily find and connect with attorneys in their region. The main objective of this project is to create a website and an Android application that facilitate communication between the local network of solicitors and individuals seeking legal assistance. This problem has arisen due to a lack of effective communication channels between solicitors and the legal system. By utilizing the website, people with valid concerns and the need for legal support will have the opportunity to understand the role of local legal counselors and seek assistance from legal consultants. The website saves users the time and effort of randomly searching for the most qualified counsel by physically visiting courthouses. By creating a digital platform, we aim to streamline and enhance communication between clients and attorneys. The existing platforms only provide contact information and a list of past cases handled by solicitors. Clients can contact solicitors through traditional means like phone or email, but these platforms lack the ability to present a comprehensive picture or compare services offered by different solicitors. As a result, clients may find it challenging to locate an attorney who is suitable for their specific case and with whom they feel comfortable. Our website seeks to address this problem by establishing a platform where attorneys can showcase their profiles and previous cases, allowing clients to make side-by-side comparisons and select the attorney best suited to handle their particular situation. We particularly aim to make it easier for people to find

attorneys specializing in their specific type of case. During the registration process, individuals interested in either the client or lawyer role are required to provide their email address. The registration verification will be conducted by an administrator who serves as the system's superuser. Additionally, clients and attorneys can stay updated on meeting schedules, case dates, and the latest developments through the platform. With the integration of Google Maps, clients can easily locate and meet with their chosen attorney. This platform also facilitates convenient appointment scheduling. By utilizing this platform, communication between clients and attorneys becomes more efficient, especially during times of outbreaks or other challenging situations. Furthermore, the website enables clients to make payments, simplifying the transaction process.

LITERATURE SURVEY

1. Advanced Lawyer Referral System Based on AGE-MOEA

AUTHORS: Anurag Tiwari; Rat

nesh Singh; Ayush Tripathi

YEAR: 2022

The legal profession plays a vital role in resolving disputes between plaintiffs and appellants in court. However, historically, access to legal representation has been limited for many members of society. Finding a competent

lawyer who can handle a case can be arduous and expensive. Lawyers sometimes take advantage of their clients by providing misleading information and charging exorbitant fees, as they financially benefit from each case. To aid individuals dealing with legal concerns, the (LEGAL-EASE) program was developed. It provides easily understandable and relevant responses tailored to

specific situations. The core component of this framework is the lawyer recommendation system, which employs content-based and collaborative-filtering techniques along with the adaptive geometry estimation-based multi-optimization estimation algorithm (AGE-MOEA). The system includes user and lawyer panels that facilitate encrypted communication between the two parties. The aim of this platform is to assist users in swiftly and effectively finding the best attorney for their needs. This system can be advantageous to the government by enhancing court case management and advancing digital capabilities for courts.

2.Real-Time Data Science Decision Tree Approach for Loan Approval from a Legal Perspective

AUTHORS: Dr P Rajesh; Mansoor Alam; Mansour Tahernezhad

YEAR: 2020

Advancements in technology within the banking industry, such as API integration, data science, artificial intelligence, mobile banking, and machine learning, have significantly enhanced efficiency, customer service, and the overall number of consumers. As a result, an increasing number of individuals are applying for various types of loans, including personal bank loans, mortgage loans, housing loans, flat loans, and agricultural loans. However, lawyers and bank managers encounter challenges when approving loans, including the need to review decades of legal paperwork, registration documents, sale deeds, owner relationships, certificates, and other legal documentation. This process can take several months, particularly for projects involving substantial capital and legal intricacies. To expedite loan approval and mitigate risks, a real-time data science decision tree approach is proposed. The research article titled "Real-Time Data Science Decision Tree Approach to Approve Bank Loan from a Legal Perspective" outlines this approach, which reduces computational time and simplifies decision-making by streamlining the verification process using a database and implementing PHP, Python, XAMPP Web server, HTML, and the data science decision tree method.

EXISTING SYSTEM

Currently, there is a lack of a reliable application for obtaining comprehensive details about lawyers, making it extremely challenging to find the best lawyer in the city among

the numerous options available. The previous application failed to implement any mechanism to rank or

prioritize the candidates effectively. Consequently, incorrect results could be generated if the data input was inaccurate or incomplete. Additionally, the prior application lacked proper safeguards and security measures. In contrast, our new application aims to address these shortcomings by providing a user-friendly interface and establishing a secure and efficient platform for connecting users with lawyers. This will ensure a seamless and reliable experience for both the users and the lawyers, enhancing the overall quality of the service provided.

Individuals have the capability to fabricate false claims, and in the absence of human interaction, there is a risk of such allegations being made.

PROPOSED SYSTEM

The client now has the convenience of quickly and easily connecting with an attorney, saving significant time and effort compared to previous methods.

The system is designed to be highly user-friendly, efficient, and practical, offering a seamless experience for all parties involved.

With just a simple click of a button, clients can submit their request for a preferred attorney.

Once the User and the Lawyer have successfully found each other within the system, they can effortlessly search and establish communication with one another.

PROS OF PROPOSED SYSTEM:

An advanced search engine that efficiently identifies highly skilled solicitors who are currently accessible online.

The potential vulnerability of financial transactions conducted online, exposing the risk of fund theft.

Significantly effective in terms of cost reduction and time optimization.

DESIGN

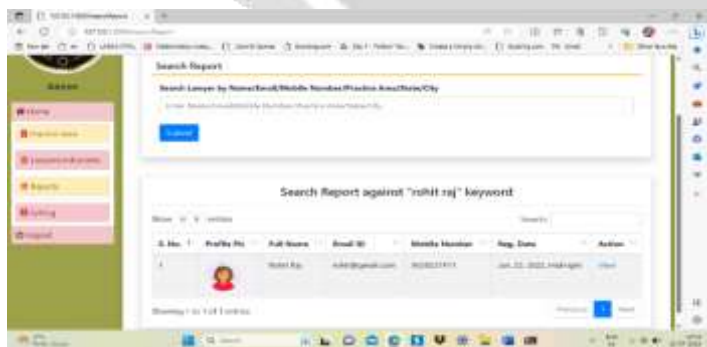
Admin Login:

It shows the flowchart for admin login. The admin has to login with username and password that is unique for him. After authenticating the username and password is it is wrong he has to login again with appropriate username and password. If it is correct, he can manage the web application. Admin can add or update clients related information like what are the updates one can do after updating the information.



User Login:

It shows the flowchart for user login. The user has to register with some required details in the web application where the username and password are provided to each user and after the user has to login with that username and password. After authenticating the username and password is it is wrong, he has to login again with appropriate username and password. If it is correct, he can access the contents from web application. User can access lawyer or advocate related information.



CONCLUSION

- This Application presents a Web-based Lawyers Record Management System designed to cater to the needs of law firms in maintaining records of lawyers and advocates, while also providing a valuable resource for individuals seeking legal representation tailored to their specific requirements.
- The entire operation is carried out online, offering comprehensive reporting capabilities.
- The application was strategically planned and developed with future adaptability in mind, making essential adjustments a straightforward process.

Throughout the project's development, the following deductions and conclusions were drawn:

- The system's complete automation capacity significantly boosts productivity.
- Its user-friendly graphical interface surpasses the company's current interface in usability and performance.
- The system ensures appropriate access levels based on assigned permissions for authorized users.
- Efficient communication is achieved, eliminating previous delays effectively.
- Keeping information up-to-date is now much simpler and more efficient.
- The system prioritizes data security, component reliability, and overall system integrity.
- Ample room for future enhancements and advancements is inherent in the system design.

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