

Empowering Access To Justice Electronic Court Management Solutions

D.Bujji Babu¹, Mangisetty Sravani²

#1 Professor in The Department of MCA at QIS College of Engineering and Technology (Autonomous), Vengamukkapalem, Prakasam (DT).

#2 PG Scholar in The Department of MCA at QIS College of Engineering and Technology (Autonomous), Vengamukkapalem, Prakasam (DT).

ABSTRACT:

This software is intended for use by lawyers or advocates. This is really potent program. Any lawyer who uses this program does not have to worry about keeping track of documentation. This software would keep track of everything an advocate needs to accomplish. This software will save information on the advocate's client, opponents, Case No., case details, previous hearing date, next hearing date, court name, employee information, and case-related documents. This software is safe to use for data storage; sensitive information is secured with cryptography. Using the search function, this software

makes it simple to find information about a case or case details. You can look up a case number, the next hearing date, a client, or a junior advocate. The programme would also manage daily meetings and appointments. This method will alert the user about upcoming appointments and meetings. If an advocate is ready to take the case, the client can search for them, see their profiles, and book their slot if one is available. It is verifiable by an advocate. The client then pays the advance fee through an online payment channel. Finally, software would aid advocates/lawyers in the upkeep of their offices.

1.INTRODUCTION

The judiciary can use JIMS, or judicial information management systems, to manage and complete their daily tasks. These frameworks can likewise be utilized to forestall information debasement and permit information "mining," that distinguishes potential defilement exercises. This part momentarily talks about the issue of legal debasement and portrays mechanized framework works that can be utilized to wipe out and possibly demonstrate degenerate practices. A court is a type of council, frequently a legislative establishment with the position to advocate legitimate debates among gatherings and complete the organization of equity in common, criminal and regulatory issues as per law and order. In both precedent-based regulation and common regulation frameworks, courts as the focal means for debate goal and it is for the most part perceived that all people have a capacity to bring their cases under the watchful eye of a court. Likewise, the right of those blamed for a wrongdoing incorporate the option to

introduce a protection under the steady gaze of a court. The arrangement of courts that decipher and apply the law are on the whole known as the legal executive. Where a court sits is known as a setting. The room where court procedures happen is known as a court and the structure is a town hall. An electronic databank of data is kept about each denounced that is remanded to jail care by the Justices or High Courts. Because of ongoing improvements in data and correspondence innovation a few application designers have thought of frameworks that recognize each denounced by a novel reference number, tracks key occasions in the advancement of his case, and give a hunt office to empower the ongoing status, area and history of the case to be laid out whenever

1. LITERATURE SURVEY

1. Concept and context in Legal Information Retrieval

AUTHORS: Burkhard Schafer

Abstract :

There exist two broad approaches to

information retrieval (IR) in the legal domain: those based on manual knowledge engineering (KE) and those based on natural language processing (NLP). Legal approaches to questioning (NLP), rather than arguing (CBR), are proposed as the appropriate jurisprudential and cognitive underpinning for legal IR. Recall within the context of precision is proposed as a better fit to law than the 'total recall' model of the past, wherein conceptual and contextual search are combined to improve retrieval performance for both parties in a dispute.

PROBLEM STATEMENT:

Ineffective retrieval of legal information can result in wasted time and resources. Legal professionals and researchers may need to spend a considerable amount of time manually sifting through search results to find the relevant information they seek. This inefficiency can slow down legal processes, increase costs, and hinder productivity.

MERITS:

1. Precision Concept-based retrieval allows for precise retrieval of legal information. By identifying relevant concepts and using them as search terms, users can obtain more accurate results tailored to their specific needs.

2. Flexibility Concepts provide flexibility in searching for legal information. Users can employ synonyms, related terms, or broader/narrower concepts to enhance the search and retrieve a wider range of relevant documents.

DEMERITS :

1. Context can be subjective, and different users may interpret it differently. This subjectivity may introduce bias or inconsistencies in retrieval results, making it challenging to achieve consistent and objective retrieval.

2. Scalability Incorporating rich contextual information into a retrieval system can be computationally expensive, especially

when dealing with large legal document collections. The computational burden of considering extensive context may affect the efficiency and scalability of the retrieval system.

METHODOLOGY:

In legal information retrieval, a concept refers to an abstract idea or a legal notion that encapsulates a specific legal concept, principle or topic.

2. Indexing the enormous legal documents to the aid of tech-savvy lawyers

AUTHORS : V. Annapoorani; G. Lakshmitha.

Published in : International Conference on Algorithms, Methodology, Models and Applications in Emerging Technologies (ICAMMAET)

Abstract:

This research works on indexing huge legal documents for the help of lawyer that are Tech-savvy. Why is it that corporate lawyers are always ready for innovation in technology? Today all new lawyers are getting Tech-Savvy or moving towards technology. The fact that technology has created a revolution in business and is rapidly expanding everywhere cannot be denied. It is so in the

case of the industry of legal services as well. Innovation in technology is a manner in which more efficiency can be created. So here an automatic indexing method that provides alphabetical order indexing from huge legal documents to help Tech-Savvy lawyers in a clock structure.

PROBLEM STATEMENT:

Automatically created full text indexes are software ready and for every word of each document in a database an inverted index made of words as well as their locations are created. The end-user can make a search in the database by using any of the words and the computer finds a match in between the terms of search

and the texts of the documents.
Searching of the text fully enables easier location of documents in cases where the user is not sure as to what document is needed and when there are large numbers of irrelevant items like full text indexes.

MERITS :

- 1.Enhanced searchability Indexing allows for quick and efficient searching of relevant information within large legal document databases. Tech-savvy lawyers can use advanced search algorithms and filters to locate specific sections, clauses, or keywords, saving time and effort.
- 2.Improved accuracy: Indexing legal documents enables lawyers to access precise information, reducing the chances of missing critical details. This accuracy can positively impact case outcomes and minimize potential legal errors.

DEMERITS :

- 1.Initial setup and maintenance Indexing an enormous amount of legal documents requires significant initial effort and ongoing maintenance. Tech-savvy lawyers may need to invest time and resources in implementing indexing systems, ensuring accurate tagging, and updating the index as new documents are added.
- 2.Incomplete or inaccurate indexing Indexing relies on accurate tagging and metadata assignment. If legal documents are not appropriately indexed, the search results may be incomplete or misleading.

METHODOLOGY:

Understand the requirements start by understanding the specific needs of the tech-savvy lawyers and the types of legal documents they deal with. This will help you determine the scope and death of the indexing process.

3. PROPOSED SYSTEM

The aim of the study is to design and implement a judicial information system. The following are the specific objectives:

- To store judiciary case files electronically
- To develop a system that will provide an interface to easily capture court case information.
- To aid the easy updating and

retrieving of judiciary case files

- To develop a system that can be used to mine data pertaining to registered case files.

3.1 IMPLEMENTATION

3.1.1 Admin:

- login
- view lawyers
- activate/deactivate lawyer account
- view cases/update case/delete case

3.1.2 Lawyer:

- Register
- Login
- view case request
- accept or reject or delete case request
- view cases/update case/delete case
- view appointments/delete appointment

3.1.3 Client:

- register
- login
- search lawyers
- book appointment
- view appointments/delete appointment

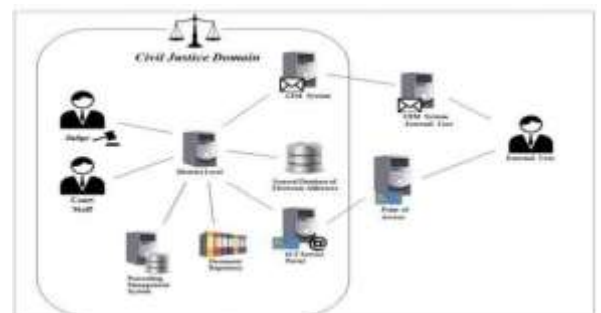


Fig1:Archite

ctue4.RESULTS

RESULT

ANDDISCUSSION

Fig 1:Graph of understanding of the E-courtsystem



Fig 2:Clark Country District Court
5.CONCLUSION

We have fostered a protected, easy to use Case The executives Programming. This product would ready to save a great deal ofseason of senior promoter as well as representative and client. They don't have to recall that anything. Simply update once. They will get a notice. A promoter can add a client, rivals, Case No., casesubtleties, past hearing date, next hearing date, court name, representative subtleties, and case related record. This product is secure to store information; touchy data is scrambled utilizing cryptography. This can likewise be conveyed/utilized as cloud base programming. As a result, the user can access the system at any time. They simply need web associations, a gadget to interface, and client id and secret phrase.

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Available online:

AUTHOUR PROFILE



Dr. D. Bujji Babu, currently working as a Professor and Head in the Department of Master of Computer Application,

QIS College of Engineering and Technology, Ongole, Andhra Pradesh. He did his M.Tech(CSE) from JNTUK, Kakinada and Ph.D(CSE) from Acharya Nagarjuna University. He published more than 50 research papers in reputed peer reviewed Scopus indexed journals. He also attended and presented research papers in different national and international journals and the proceedings were indexed IEEE, Springer Link series. He visited the countries Kuching,

Malaysia for attending and presenting his research articles. 3 Patent journals are published and in pipeline for grant. He wrote more than an dozen of monographs and published by the Technical Publishers. He Published Two Course content modules for the students of Acharya Nagarjuna University. He is the recognized research supervisor under JNTUK, Kakinada and guided several UG and PG Projects, currently supervising 3 research scholar under JNTUK. His area of interest is Software Engineering, Data Mining, Data Science, Big Data and Programming Languages. He is the Principal Investigator for the DST Sponsored Project and Co-PI for another DST Project. Area of Interest Machine Learning and Artificial Intelligence.



Ms.
Mangisetty
Sravani as PG
Scholar in The
Department of
MCA QIS
College of
Engineering and
Technolog(Auto
nomous),Venga
mukkapalem,
Prakasam (DT).
Areas of
Interests
Machine
Learning.