International Journal of Scientific Research in Computer Science, Engineering and Information Technology

ISSN : 2456-3307

Available Online at : www.ijsrcseit.com

doi : https://doi.org/10.32628/IJSRCSEIT

E Lawyer Portal

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ARTICLEINFO

Article History:

Accepted: 01 July 2023

Published: 10 July 2023

Publication Issue

Volume 9, Issue 4

July-August-2023

Page Number

106-109

ABSTRACT

The software is meant to be used by Lawyers. This is very powerful software. Any Lawyer who is using this software does not need to worry about maintaining more paperwork. This software would maintain everything which a Lawyer needs to do. This software will store the data about Case no., case details, previous hearing date, next hearing date and case related document. The software would also manage the day to day meetings, appointments.

Keywords : Lawyers, Case no., case details, previous hearing date, next hearing date and case related document.

I. INTRODUCTION

The manual way of processing and recording judiciary cases is associated with a lot of problems. Several problems characterize the justice system such as: lack of responsibility for cases, poor communication among the criminal justice institutions, and the lack of reliable central case recording system and the prolonged de-lay of cases generally. The length of time awaiting trial persons stay in prison is too lengthy thereby leading to congestion of prisons. There is high level of delay in administration of justice. This situation is present as the result of the absence of an efficient system to manage court cases. It is in view of these problems that this research study is embarked upon.

Disadvantages:

- ✓ Lot of paperwork is required.
- ✓ Not efficient and flexible.
- ✓ Always need to go court for any information.
- ✓ 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.

- ✓ To provide a system that presents reports pertaining individual case files when needed.
- ✓ 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.
- ✓ To provide a system that presents reports pertaining individual case files when needed.

Advantages:

Users can get all information related to laws online.

- ✓ Users can register case online without visiting offices.
- ✓ User can find all lawyers information at a single place.
- ✓ The website is flexible and user-friendly.
- ✓ Saves user time, cost and efforts.

II. SYSTEM ARCHITECTURE

Project architecture represents the number of components we are using as a part of our project and the flow of request processing i.e., what components are in process on the request and in which order. An architecture description is a formal description and representation of a system organized in a way that supports reasoning about the structure of the system.

Architecture is of 2 types. They are

1. Software architecture
2. Technical architecture

Software Architecture:

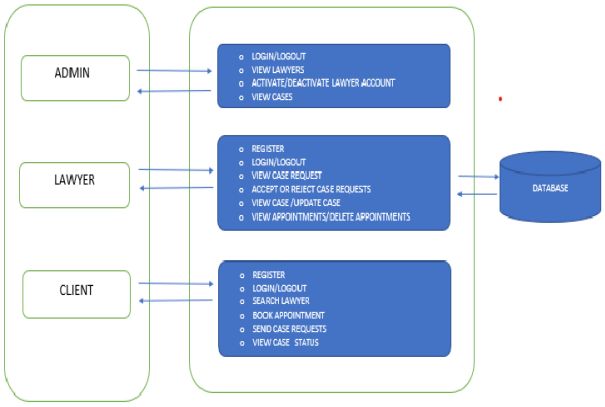

Fig 1 Software Architecture

An Architecture description is a formal description and representation of a system, organized in a way that supports reasoning about structures and behaviours of the system. It describes the structure and behaviour of the technology infrastructure of an enterprise, solution, or system. A system architecture can consist of system components and sub - systems developed, that will work together to implement the overall system. Specifically, in our web application, we have three stakeholders. Admin, Lawyer and Client.

Technical Architecture:

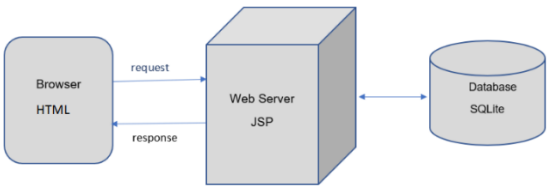

Fig 2 Technical Architecture

Unified Model Language (UML) is a general-purpose modelling language. The main aim of UML is to define a standard way to visualize the way a system has been designed. It is quite similar to blueprints used in other fields of engineering. UML is not a programming language; it is rather a visual language. We use UML diagrams to portray the behaviour and structure of a system. UML helps software engineers, businessmen

and system architects with modelling, design and analysis. The Object Management Group (OMG) adopted Unified Modelling Language as a standard in 1997. It's been managed by OMG ever since. International Organization for Standardization (ISO) published UML as an approved standard in 2005. UML has been revised over the years and is reviewed periodically. Object Oriented Concepts Used in UML:

Class – A class defines the blue print i.e., structure and functions of an object.

Objects – Objects help us to decompose large systems and help us to modularize our system. Modularity helps to divide our system into understandable components so that we can build our system piece by piece. An object is the fundamental unit (building block) of a system which is used to depict an entity.

Inheritance – Inheritance is a mechanism by which child classes inherit the properties of their parent classes.

Abstraction – Mechanism by which implementation details are hidden from user.

Encapsulation – Binding data together and protecting it from the outer world is referred to as encapsulation.

Polymorphism – Mechanism by which functions or entities are able to exist in different forms.

III. RESULTS

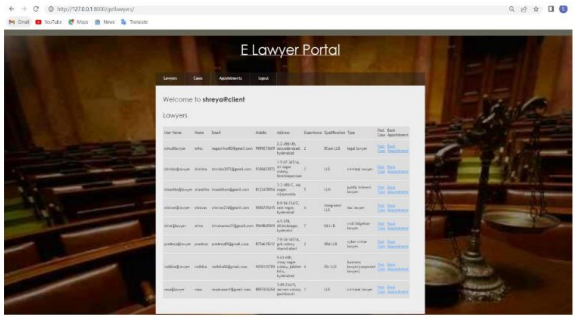

Fig3 Lawyer data Page for client

Fig 4 Post Case Page for client

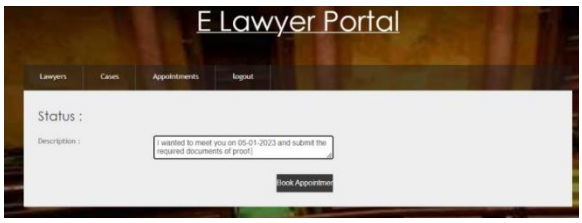

Fig 5 Booking appointment Page for client

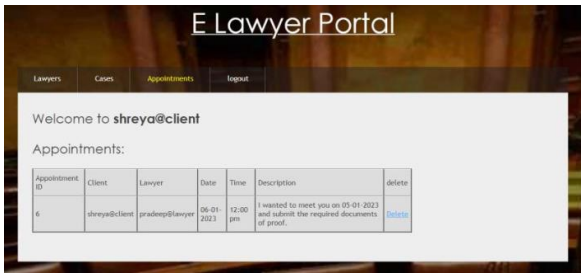

Fig 6 Appointments Page for client

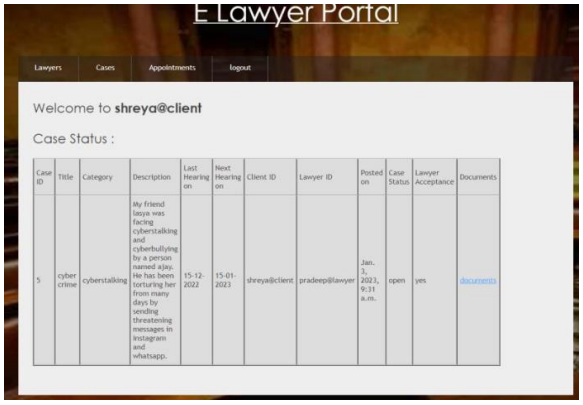

Fig 7 Case status Page for client

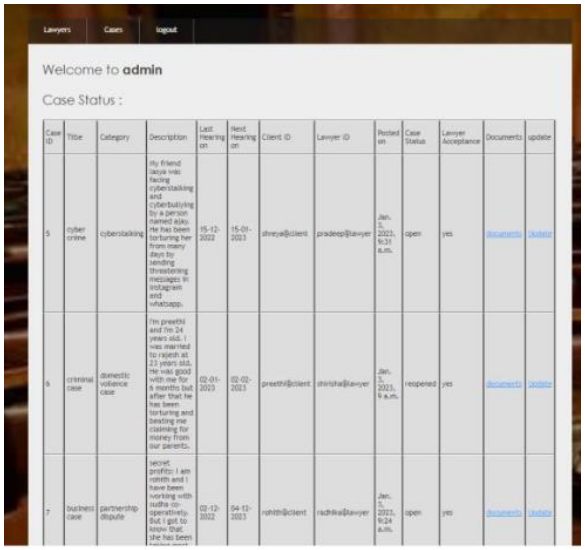

Fig 8 Case status Page for admin

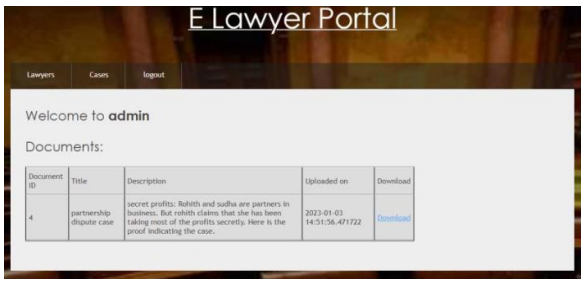

Fig 9 Document details Page for admin

IV. CONCLUSION AND FUTURE SCOPE

This software is meant to be used by Lawyers and the clients. The software would also help client finding the Lawyer's information. Users can register case online without visiting offices. The website is flexible and user-friendly. Any Lawyer who is using this software does not need to worry about maintaining more paperwork. The software would also manage the day to day meetings, appointments.

In future, we can enhance the system in sending notifications to the clients and lawyers mail ids. We want to provide a facility for users where the clients can make payments through this website. More user-friendly interface will be provided.

V. REFERENCES

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Cite this article as :

Dr. P Deepthi, Miriyala Shamitha Preethi, Kuncharam Shirisha, "E Lawyer Portal", International Journal of Scientific Research in Computer Science, Engineering and Information Technology (IJSRCSEIT), ISSN : 2456-3307, Volume 9, Issue 4, pp.106-109, July-August-2023.