



## Court Case Management System

**Sandali Ranjan, Ujjwal Singh Khunte, Satya Sri Bhaskar, Ishwar Jajodia,**  
B.E., 7<sup>th</sup> Semester, Department of Computer Science & Engineering,  
Shri Shankaracharya Group of Institutions, Durg, Chhattisgarh, India

### ORIGINAL ARTICLE



### Corresponding Authors

**Sandali Ranjan, Ujjwal Singh Khunte, Satya Sri Bhaskar, Ishwar Jajodia,**  
B.E., 7<sup>th</sup> Semester,  
Department of Computer Science & Engineering,  
Shri Shankaracharya Group of Institutions,  
Durg, Chhattisgarh, India

shodhsamagam1@gmail.com

Received on : 11/01/2022

Revised on : ----

Accepted on : 18/01/2022

Plagiarism : 09% on 11/01/2022



### Plagiarism Checker X Originality Report

Similarity Found: 9%

Date: Tuesday, January 11, 2022

Statistics: 186 words Plagiarized / 2089 Total words

Remarks: Low Plagiarism Detected - Your Document needs Optional Improvement.

Court Case Management System Dr. Megha Mishra1 Sandali Ranjan2, Ujjwal Singh Khunte2, Satya Sri Bhaskar2, Ishwar Jajodia2 1Professor, Department Of Computer

### ABSTRACT

*Access to justice has become a vital issue in several judicial systems round the world. Increasingly, technology is seen as a possible assistant of access to justice, significantly in terms of rising justice sector efficiency. The main functionalities coated in court works are registration, compartmentalization and follow of cases. Court Case management is that the key success considers judicial system. Systematic, economical and arranged case management system provides comprehensive info for courts to ensure unbiased call and transparency data system to hinder the misuse of power or corruption, case postponement and delays in decision making. It conjointly reflects the good image in judiciary. This project is regarding Court Case Management System (CCMS) that is developed to form the purposeful areas in Judicial Service a lot of potency and effective. One among the most intensions of this project is to regulate and permit complete registration of all charge and chase of case current standing and location; to reinforce public access avoiding consumer to travel to court and conjointly must follow up daily when filing of case. This study also considers the adoption of the case management system as a vital element within the delivery of service to their clients.*

### KEY WORDS

**Court Case Management, Judicial, Legal, e-filing, Paperwork.**

### INTRODUCTION

The role of this Court Case Management System (CCMS) plays a serious role in judiciary

system. This is often in the main as a result of it takes care of most of the functions in Legal Department. The individuality of the CCMS is that it simplifies most of the communication aspects among the Legal sector to each the court and public. Users the systems are going to be used for case registration and processing (data storage and knowledge retrieval) it involves creation, modification and change info through user interface. The user will be needed credentials that are required to manage the access of the application in terms of security. Public access the CCMS can show new case arrivals, session appointments, case date of start, Reservation of courtrooms and also the decide who will take the case, that the general public will read the small print on we tend to be the online the net and explore for a case. However web applications work net applications use the client/server architecture. The online application resides on a server and responds to requests from multiple shoppers over the Internet. This system was used as a result of the project is required to deal directly with the clients and users in order that we the developers will apprehend what they really need and the way they need the system to operate from the feedback they furnish once every iteration. The twenty first century has witnessed such a large amount of nice inventions in science and technology that have diode with great potential to unravel existing problems.

### Importance

A Court case management system provides the inspiration for an e-filing system and might assist the court in meeting current demands for data by creating access to case and court information simpler and efficient.

### Reduced human error

After you are addressing pen and paper, it's exhausting to form certain that everything is in its correct place. Notes can drift and documentation are often crammed out incorrectly.

Case management computer code makes sure that everyone essential information is collected and works with the human managing the case to grasp what steps are needed. By reducing the number of data, of knowledge of data transfers, the computer code ensures that information doesn't get lost.

The case management software completes tasks mechanically. For instance, forms are often automatically generated based on information on file and sent to them to be signed electronically.

### Cases can be completed from anyplace

Due to cloud-based case management software, you have got the liberty to figure outside the office. This can be a feature you'll love if your job involves heaps of traveling. Server-based systems are getting obsolete as businesses move to the cloud.

Whether or not for business continuity plans or for facilitate in managing a globally spread workforce, all of the essential data you would like is obtainable at any time.

### Analysis

The highest case management computer code doesn't stop at serving to the case move towards a resolution. It can even examine trends and assist you see however well your forms and workflow' function. By leverage the correct case management software, you'll pinpoint distinctive relationships between cases. This enables you to quickly deliver compliance reports or resolve fraud cases.

The software can also generate reports, showing that efforts are paying off and which of them ought to be ditched.

### Flexibility

Case management computer code should be very flexible. It should be nimble and quickly adapt to new processes. In addition, case management software should provide you with the liberty to prepare

cases supported your criteria, not the default criteria it comes with. It ought to be customizable and adapt to your dynamical needs.

### Security

Once all of your files are safe, you have got peace of mind. Superior case management system computer code keeps all your files safe and performs information backup mechanically and regularly, saving you the trouble of getting to try and do it manually. Server-based case management software will become inaccessible or crash due to a straight forward factor sort of a power outage.

### OBJECTIVE

The role of the present Court Case Management System (CCMS) the system plays a serious role in judiciary system. This is often principally as a result of it takes care of most of the functions in Legal Department. The distinctiveness of the CCMS is that it simplifies most of the communication aspects inside the Legal sector to each the court and public user. The system is going to be used for case registration and processing (data storage and knowledge retrieval) it involves creation, modification and change data through user interface. The user will be needed credentials that are required to regulate the access of the application in terms of security. Public access the CCMS can show new case arrivals, session appointments, case date of start, Reservation of courtrooms and also the decide who will take the case, that the general public will read the small print on the net and look for a case. However web applications work internet applications use the client/server architecture. the net application resides on a server and responds to requests from multiple shoppers over the Internet.

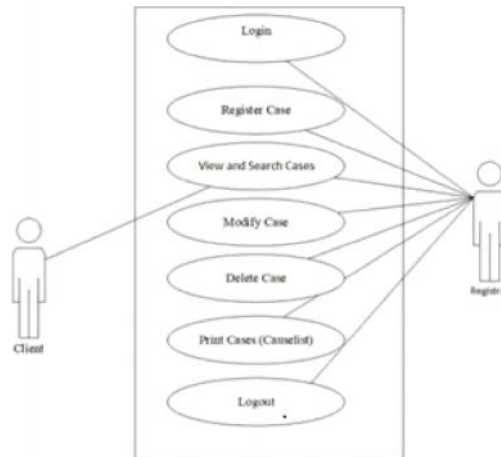
Court Case Management System is to “simplify the complications of Court Case Management by the utilization of knowledge & Communication Technologies”. The coverage option of Court Case Management System is wont to build & initiate choices concerning the lawsuits by the management. Case Management System (CMS) software package program that considerably for case registration concerning courts, and creation, modification and change through user interface. The software program can enable information to be entered by users, management of data within the system and trailing of case current standing and site to reinforce public access.

### Methodology

The nature of the project suggested agile model of System Development Life Cycle(SDLC).The agile model method starts with a straight forward implementation of a set of the software requirements and iteratively enhances the evolving versions till the complete system is implemented.

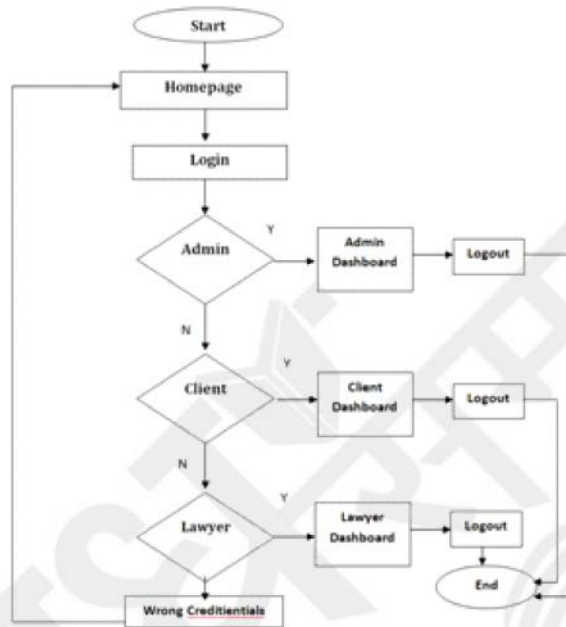
The agile methodology offers the requirement to develop a system supported the wants of the users, and change to feature up various units of the system pertaining the varied feedbacks received from the users. At every iteration and increment, style modifications are created and new functional capabilities are added, and therefore the phases includes characteristic Problems, Opportunities associated Objectives, verify Human info Requirement, Analyzing System Needs, coming up with the Recommended System, Developing and Documenting Software, Testing and Maintenance of the system. Observation at the Supreme Court and therefore the Law Court complicated showed that the Court had traditional ways in which with managing administration tasks, cherish case registrations, viewing the case list to the general public and planning of cases. The courts generally struggle with tracking cases since their system may be a desktop primarily based system. This downside given itself as an opportunity that may be engineered upon.

## Use-Case Diagram



**Fig 01: Use-case Diagram**

## Use- Case Models



**Fig 02: Flowchart**



**Fig 03: Use-case model**

## Features

### Centralized or integrated information

A case management system utilizes cloud databases which will be simply accessed by approved persons. This permits for simple sharing of knowledge and fast access to information in spite of wherever the shoppers and knowledge staff are located. Updates are mirrored in time period thus cases may be properly assessed at any purpose in time.

### Customizable case lifecycle management

Every commerce has distinctive needs. A case management information system can be custom to suit the necessities of any business. Logical rules within the automatic work flow are set in advance to adapt to the precise need of a company. Custom kind templates also are accustomed create, store, and manage cases in real-time.

### Single read interface

One view interface permits for a 360-degree view of a solution. This provides a lot of economical team collaboration and a more practical resolution of cases. With the employment of dashboards, the necessity to modify tabs or package is eliminated. Furthermore, cases may be simply monitored, and reports can be analyzed immediately. Each side of the case can be assessed with ease.

### Multi-channel platform

A global case management system is compatible with multiple devices. Information may be recorded, and data can be accessed through mobile phones, tablets, or computers on Android, iOS, associate decreed Windows platforms. Even with the range of mediums, all data are synchronic instantly within the central database.

### Self-service portals

Self-service portals empower clients by sanctioning them to instantly resolve problems on their own. These portals typically embrace helpful articles, an FAQs page, a community page, or a forum. These portals are indispensable options of customer support.

### Personalized customer care

Most case management systems permit information staff to move with customers on their most well-liked channel. Those channels may be through email, phone, electronic messaging apps, or live chat software. Client profiles also can be forthwith accessed in conjunction with all relevant information and past interactions. Once customer care representatives have all this information at their fingertips, they'll create customers feel valued.

### Future Scope

In future we tend to commit to integrate different modules .We additionally plan to produce a platform that may send notification to shopper of their case. The system will management and permits complete registration of all court case that are involving the court case by the Domain user which user will modify and update a case. The flow of data provides communication and notification between the courts and public. The general public is increased to look at all complaints use date vary to show cases in an exceedingly explicit time and also search either by the utilization of the suit number, date or courtroom for a case. Case Management System (CMS) software system program that considerably for case registration involving courts, and creation, modification and change through user interface. The software program can enable information to be entered by users, management of data within the system and chase of case current standing and placement to reinforce public access.

## CONCLUSION

We have developed a secure, easy Case Management System. This technique would be able to save a great deal of your time for senior advocates still as workers and clients. They are doing not have to be compelled to keep in mind anything. Simply update once. They'll get a notification. Associate in nursing advocate will add a client, opponents, Case no., case details, previous hearing date, next hearing date, court name, worker details, case-related document. This software system is secure to store data. Each sensitive data is encrypted exploitation cryptography. This is often cloud base software. This suggests the user can access the system 24X7. They only would like net connections, a tool to connect, and a user id and password. We've got developed a web-based primarily based application to regulate and permit complete registration of all court case which are regarding the court by the domain user therefore registrar, who will register, update, delete, and search case and build report. The flow of knowledge provides communication and notification between the courts and public, during which the consumer or public can access standing of a case online.

## REFERENCES

1. <https://getbootstrap.com/docs/4.6/getting-started/introduction/>
2. <https://www.w3schools.com/php/>
3. <https://www.w3schools.com/html/>
4. <https://districts.ecourts.gov.in/ballia/court-management-system>
5. <http://courtmanagement.in/>

\*\*\*\*\*