

# Implementation of Online Law Android App

Spoorti Urabhinavar, Laxmi D Shinde, Veena Neelanayak, Muskan Hadimani

Prof. Vijaylaxmi. S. Patil

(Ass.prof of Information Science and Engineering, Basaveshwar Engineering College, Bagalkot)

---

## **Abstract**

People facing many problems to register their case in the court this system helps them to register their case in court also ,people can select their lawyer based on their expertise. People face many difficulties in court this system helps them to complete initial inquiry of their case. The person who want to enhances his/her knowledge regarding law, articles etc.can use this online law android app.

**Keywords:** lawyers, law, register cases, contact lawyers

---

Date of Submission: 01-06-2023

Date of acceptance: 11-06-2023

---

## **I. Introduction**

There is a rise in the amount of crime in our country and most of the people are unaware of the criminal laws under IPC (Indian Penal Code). Therefore it becomes necessary to make the citizens aware of all kinds of laws put forth by our constitution against crime so that people come forward to register case against it. This project is executed especially for this purpose. The project online law system is a software system that contains all the laws of IPC so that people can come and search for the law for respective crime. The laws are categorized into different sections according to some keywords. There is also search option available where user can find or search according to his requirement by entering his query. There is also a facility available for users to get contact of lawyers. An enquiry form is also provided where user can ask their query and can also register case and the form is sent to the court authority. This project also contains information of all the respective courts in area for respective crimes.

## **II. Feasibility Analysis of Online Law Android App**

### **Technical feasibility Analysis**

This system uses Android development platform and related technologies to develop applications in C/S mode. Technically speaking, it is completely feasible. It is mainly based on the following two points: first, mature technology. Android is a widely used development platform, which is widely used in major mobile phone manufacturers. Because of its open source, free technology, fast update, rich cases and strong technical background of Java language, it has broad application development prospects. Therefore, Android platform and related technologies are mature and can be put into development. Second, the development is simple and convenient. Android application development uses Java language to design, and Android has given some new class libraries. The overall development idea is clear and easy to use. It can develop software products that satisfy users in a short time. Therefore, using this technology and related platforms can shorten the development cycle and improve the development success rate.

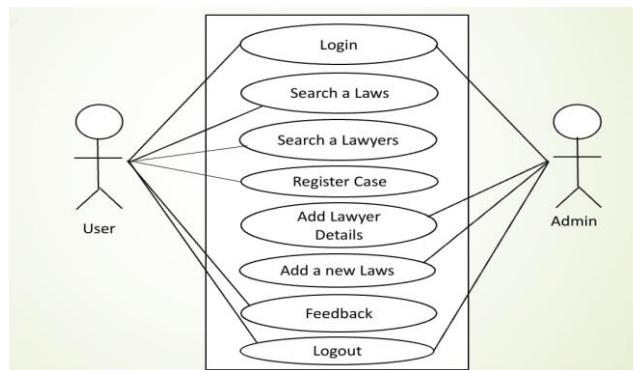
### **Economic feasibility Analysis**

People are more and more inclined to use the law to protect their legitimate rights and interests. Therefore, the research and development of the system has a very broad market prospect. From the perspective of android application, because Android application has a very large application group, the development of legal consultation system based on Android operation system has a huge market prospect. The developed system can be easily applied to relevant legal advisory bodies and departments, and its value in the market is immeasurable.

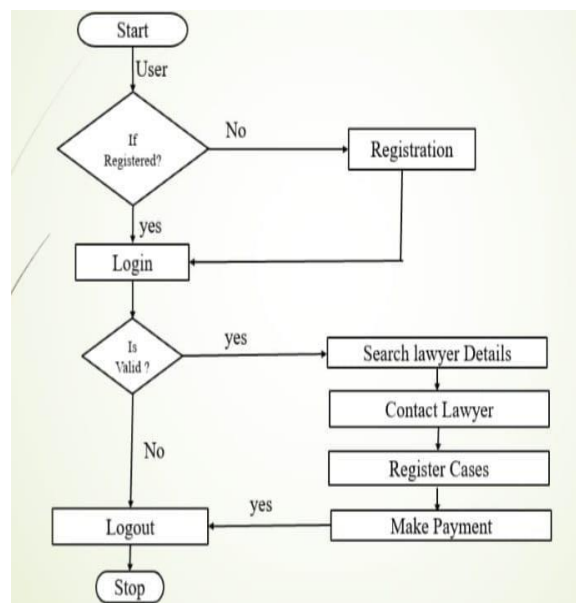
### **Design the system for Online Law Android App**

System structure design is to design the software structure of the system. Confirmed structure and facilitate subsequent development. This system mainly includes the following main elements: Client Hardware and Software, Server-side hardware and software, Database. Android smartphone terminals connect with commercial servers through wireless networks to complete data interaction and related operations.

**Use Case Diagram**



**Flow chart**



**Problem Definition :**

the people are unaware of the criminal laws under IPC (Indian Penal Code). Therefore it becomes necessary to make the citizens aware of all kinds of laws put forth by our constitution against crime so that people come forward to register case against it. To get the information of the law section and their rules, user has to move towards the website and it will be difficult for the user to get the information from the websites. Now a day's all peoples are having the smart phones so, to resolve this issue we are developing the android application for Online Law System so that user can get the information by sitting their own place.

**Proposed System:**

Users will be able to search their suitable lawyers & hire them for an individual case. The primary goal of this system is to help finding suitable lawyers for a particular district. So here a question can arise how we can ensure that the lawyer will suitable? In answer to that I can say, in this system I am using filtering option to find lawyer. This lawyer finding system won't be a typical one. The system will give the user an option to filter their finding. Initially I am using three different filtering option in this system. Those are, 1. Seniority / Experience 2. Expertise 3. Location. By using these three options filtering I can assume that the user will definitely able to find the suitable lawyer for them. Moreover, he can also visit the lawyer's profile to know about the lawyer in details. The user will be also able to send the lawyers a booking request for appointment by selecting date. If the lawyer accepts his request the user will be notified. In other hand, the lawyer will also be able to see the user's details. When they get any booking request. Because only the registered users will be able send booking request. So basically, three user panel in my system. Those are three modules that are admin, lawyer, user. Any guest user will be able to see the lawyers and check their profile. But for booking lawyers

## System Function Designs

### Modules Description :

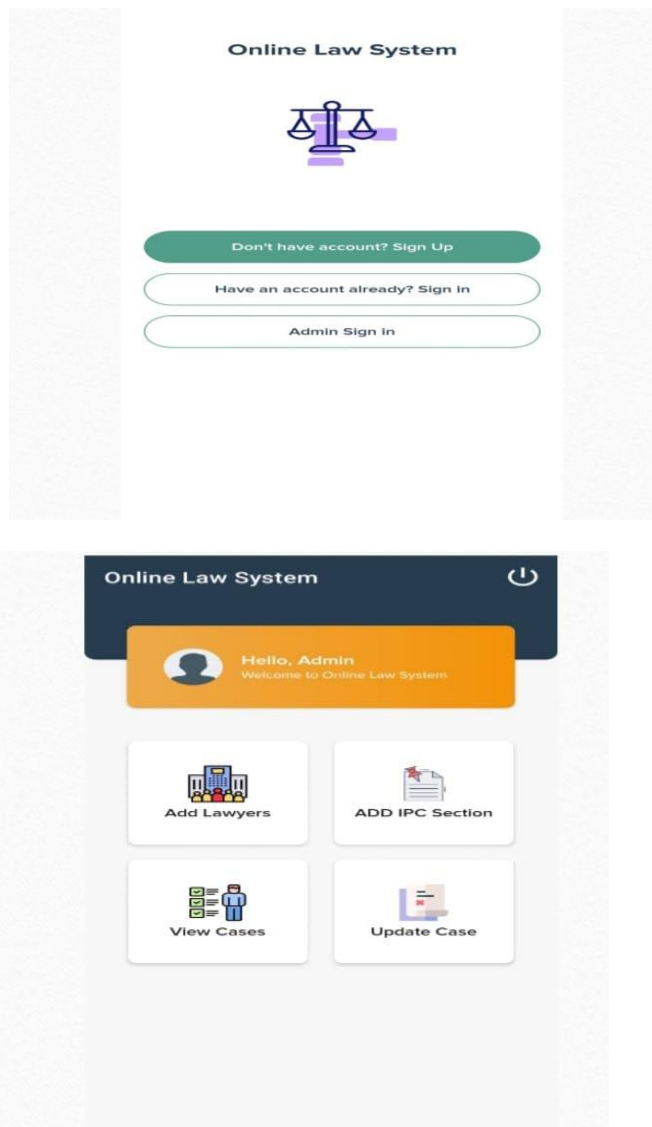
#### 1. User Module

- a. Registration : During this module, user has to be register before enter in to the online law android application
- b.Login : During this module, user has to provide the login credential created at the time of user registration.
- c. Court Search : in this module, user can court and search for expertise such as properties, criminals etc
- d.Law Search : During this module user can search the law by entering the section and select the type of Law rule such as for murder, properties, robbery etc.
- e. Layer Search : During this module user can search their lawyer based on the expertise.
- f. view Criminals: during this module user can view the criminals details.
- g. Logout : finally, using this module uer can logout from the online law android application.

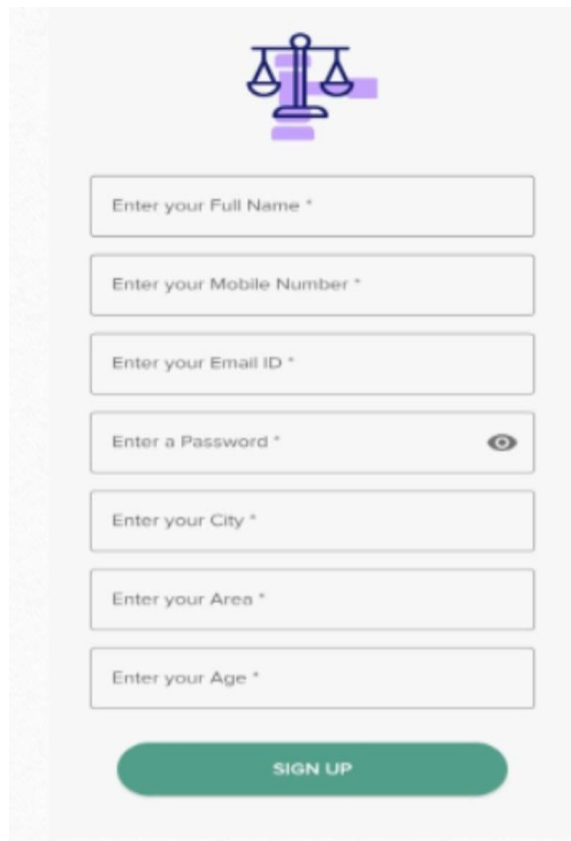
#### 2. Admin Modules:

- a.Admin Login: During this module admin has to provide his login credential to enter in to the online law android application
- b. Court Entry : During this module admin can add the details of the court.
- c. Lawyer Entry : During this module admin can add the details of the expert layers based on their expertise and experience.
- c. Logout : Using this module admin can come out of the online law android application.

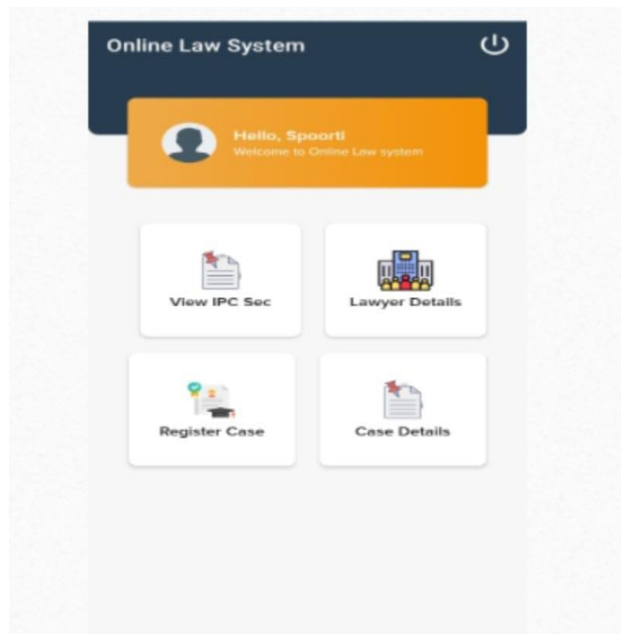
### Admin Side

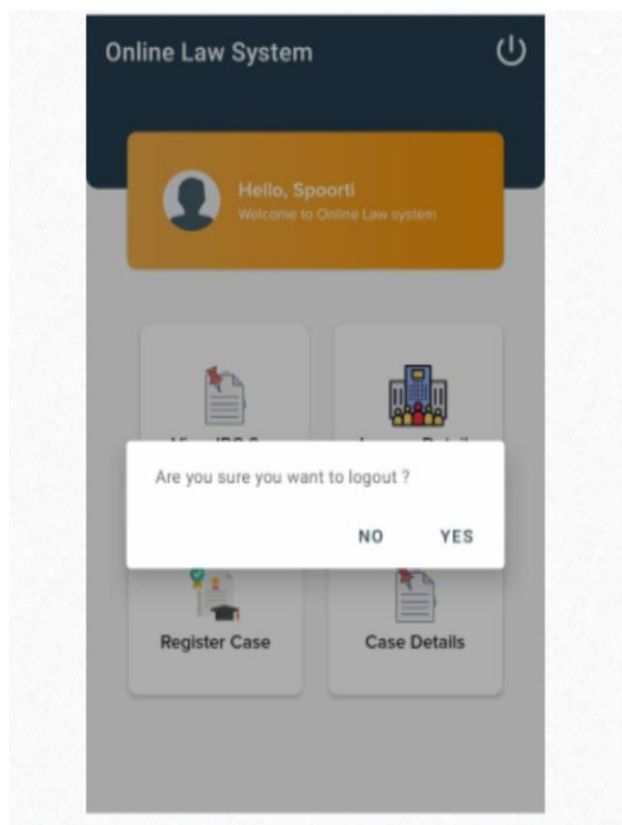


User side



The registration form features a purple scales of justice icon at the top. Below it are seven input fields, each with an asterisk indicating a required field: "Enter your Full Name \*", "Enter your Mobile Number \*", "Enter your Email ID \*", "Enter a Password \*", "Enter your City \*", "Enter your Area \*", and "Enter your Age \*". The password field includes a toggle icon for visibility. At the bottom is a green "SIGN UP" button.





### III. Conclusion

The project online law system is a software system that contains all the laws of IPC so that people can come and search for the law for respective crime. The laws are categorized into different sections according to some keywords. There is also search option available where user can find or search according to his requirement by entering his query. There is also a facility available for users to get contact of lawyers. Therefore it becomes necessary to make the citizens aware of all kinds of laws put forth by our constitution against crime so that people come forward to register case against it. This project is executed especially for this purpose.

### Reference

- [1]. Bogoch, B.; halperin-Kaddari, R. & Katvan, E. Exposing family secrets: The implications of computerised databases for the creation of knowledge in family law in Israel. *Tel. Aviv. Univ. Law Rev.*, 2011, 34(2/3), 630-637 (in hebrew).
- [2]. Oppenheim, C. Legal issues for information professionals IX: An overview of recent developments in the law, in relation to the internet. *J. Documentation*, 2008, 64(6), 938-955. doi: 10.1108/00220410810912460.
- [3]. rosa, J.; Teixeira, C. & Pinto, J.S. risk factors in e-justice information systems. *Gov. Inf. Q.*, 2013, 30(3), 241-256. doi: 10.1016/j.giq.2013.02.002
- [4]. Kadli, J.H. & Hanchinal, v.B. Information seeking behaviour of law students in the changing digital environment. *DESIDOC J. Libr. Inf. Technol.*, 2015, 35(1), 61-68. doi: 10.14429/djlit.35.1.8099.
- [5]. Khan, G. & Bhatti, R. Determinants of academic law libraries' use, collections, and services among the faculty members: a case study of University of Peshawar. *Collection Building*, 2015, 34(4), 119-127. doi: 10.1108/CB-07-2015-0011.
- [6]. Poydras, P.E. Developing legal information literate law students: That dog will hunt. *Legal Ref. Serv. Q.*, 2013, 32(3), 183-201. doi: 10.1080/0270319X.2013.820999.
- [7]. Bhardwaj, R.K. & Madhusudhan, M. Open access legal information and its use by students of National Law University. *Annals. Libr. Inf. Stud.*, 2013, 60(4), 314-319.
- [8]. Ellis, S.; makri, S & Attfield, S. Keeping up with the law: Investigating lawyers' monitoring behavior. *New Libr. World*, 2014, 115(7/8), 292-313. doi: 10.1108/NLw-03-2014-0023.
- [9]. Gardner, R. Open access and learned society. In *The British Academy for the humanities and Social Sciences*, Edited by vincent, N. and wickham, C. British academy, London, 2013, 13-29.
- [10]. Baro, E.E. & Eze, M.E. Perceptions, preferences of scholarly publishing in open access routes: A survey of academic librarians in Nigeria. *Inf. Learning Sci.*, 2017, 118(3/4), 152-169. doi: 10.1108/ILS-03-2017-0015.
- [11]. head, A.J. & Eisenberg, M.B. Finding context: what today's college students say about conducting research in the digital age. *Project Information Literacy Report*, The Information School, University of washington, 2009, available at: [http://projectinfolit.org/pdfs/PIL\\_](http://projectinfolit.org/pdfs/PIL_)