

**Jaypee Institute Of Information Technology, Noida**



विद्या तत्त्व ज्योतिसमः

# **JUDICIARY SYSTEM PROJECT**

Software Engineering Lab

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# Judiciary System Project

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 laws for respective crime. 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 provided where user can ask their query and can also register case and the form is sent to the lawyer having expertise in the following are. This project contains information of all the respective courts in area for respective crimes.

## Modules:

- **User Login:** - User can login to the system using his User ID and password.
- **Law Search:** - User can search for particular law by specifying the section number or keyword.
- **Court Search:** - User can search for court by specifying the location.
- **Lawyer Search:** - User can search for lawyer of particular court based on the expertise. The system provides the lawyer contact and description so that users can refer them.
- **Law Updates:** - Any law updates will be displayed to the user.
- **Criminal Search:** - Users can view various most wanted criminals.
- **Admin Login:** - Admin can access the system by specifying the ID and password
- **Court Entry:** - Admin can enter court details if there is any new court.
- **Lawyer Entry:** - Admin can enter details about new lawyer and his expertise.

### System Requirements:

- Windows 7 and above
- SQL Server.
- IE v6.0 and above

S.No.	Software & Languages Used	Purpose
1	HTML	It is used to design and develop basic frontend webpage. We can add forms, tables, images etc. using this Hypertext Language.
2	CSS	Cascading style sheets are used to give our webpage a design according to the user needs. This language goes hand in hand with HTML to make a website effective and presentable.
3	JavaScript	Javascript is a scripting language used to develop front end and responsive webpages. It is used to make our webpage adaptive to our current needs and also helps us in making our webpage responsive.
4	Bootstrap	It is a framework of CSS used to deliberately add tables, grids, columns, rows etc. It is best used in making E- Commerce websites.
5	jQuery	It is a framework of JavaScript used to make our webpage respond to queries and DOM Manipulation.
6	PHP	PHP supports our backend and database. It helps us to manage our dataset and extract, display, search, sort our data for frontend purposes.

### **Non – Software Requirements:**

- Cost Effectiveness
- System Efficiency
- Low Processing Time
- Durable

### **Hardware Components:**

- Processor – Min. Core 2 Duo
- Hard Disk – 5 GB
- Memory – 1GB RAM

### **Advantages:**

- Users can get all information related to laws online.
- Users can register case online without visiting offices.
- User can find lawyers in the nearby areas.
- The website is flexible and user-friendly.
- Saves user time, cost and efforts.
- User can check the status of pending cases.

### **Disadvantages:**

- There is no human interaction.
- People can't file false cases.

### **Applications:**

- This system can be implemented for government courts.
- It can be used like a lawyer portal.
- Individuals can use it for knowing different laws.