Database Systems Laboratory (CS254)
Group Project

Title: Court Management System

Group Members:

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AIM

To develop a website to ease the judiciary routine activities.

INTRODUCTION

This project focuses on the primary activities occurring in the court. In this digital era, we try to make activities hassle free by digitalizingthem and getting them to your convenience. Keeping the current scenario of pandemic in mind, it might be beneficial for respective officials by digitalizing the judiciary system.

So, we bring forward the judiciary activities related to handling cases,lawyers and the honourable judges of different courts across India, online with secured access. Results retrieved will be helpful for a faster and efficient functioning of courts.

DESCRIPTION

The Indian Judiciary is a system of courts that interpret and apply the law. It is the only place where we get justice! In return we would like to help them by developing a website.

The Indian Judicial system is managed and administrated by officers of judicial service like judges, advocates, prosecutors, accusers, clerks, witnesses and many more. This project simplifies some tasks of these officers by the following functionalities,

MODULES

Home Page:

It displays a brief overview of the courts(photo gallery, history etc.). Since this website is meant for admins and the higher officials point of view, user without permission cannot access the database.

Login Page:

Gives access to respective authorities.

Post login, the user will be given authorization to perform their respective functionalities discussed below.

Chief Justice of India (Admin of database & Judge of SC)

[TIER-1]

Services included:

- Selection and appointment of judges.
- Add/Modify laws to the constitution and,
- All the services included in the judges module

Judges (District Court, High Court, Supreme Court)

[TIER-2]

Services included:

- Update/ Modify the case records and details.
- File new cases brought to their respective courts.
- View unscheduled, scheduled, pending and past cases.
- Schedule cases to be held in the court.
- View Court Schedule.

Clients

[TIER-3]

Services included:

- Find lawyers to represent them for respective cases.
- Access(read only) case records.
- View Court Schedule.

Lawyers

[INDEPENDENT]

Services included:

- Accept / Reject clients.
- Access(read only) case records.
- View Court Schedule.

REQUIREMENTS AND SPECIFICATIONS

Programming languages used,

Front-End : HTML, CSS, Javascript

Back-End : PHP (Database : MySQL)

Schema-Diagram