

## **E - COURT: PERSONAL INFORMATION SYSTEM**

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Sudharsan V	- 19z249
Suriya Prasad .P	- 19z250
Tharun .V. S	- 19z254
Vishwakjith .I	- 19z260

Dissertation submitted in partial fulfillment of the requirements for the degree of

### **BACHELOR OF ENGINEERING**

### **Branch: COMPUTER SCIENCE & ENGINEERING**

Of Anna University



**May 2022**

**Department of Computer Science & Engineering**

**PSG College of Technology**

(Autonomous Institution)

**Coimbatore - 641004**

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Faculty Guide

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**Dr. Sudha Sadasivam G.**

Head of the Department

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Certified that the candidate was examined in the viva voce examination held on .....

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(Internal Examiner)

.....  
(External Examiner)

# CONTENTS

CHAPTERS	Page No.
<b>ACKNOWLEDGEMENT</b>	<b>5</b>
<b>SYNOPSIS</b>	<b>6</b>
<b>1. INTRODUCTION</b>	<b>7</b>
<b>2. BACKGROUND</b>	<b>9</b>
2.1 DISTRICT COURTS	9
2.2 TIRUPPUR DISTRICT COURTS	9
2.3 TERMINOLOGY	9
2.4 BACKGROUND DETAILS OF GIVEN MODULES	10
2.4.1 Staff Posting	10
2.4.2 Staff Transfer	10
2.4.3 Seniority	10
<b>3. SYSTEM REQUIREMENTS</b>	<b>11</b>
3.1 SOFTWARE REQUIREMENTS	11
3.2 HARDWARE REQUIREMENTS	11
<b>4. SYSTEM ANALYSIS</b>	<b>12</b>
4.1 DEPLOYMENT MODEL	12
4.2 USECASE DIAGRAM	13
4.3 ENTITY-RELATIONSHIP DIAGRAM	15
<b>5. SYSTEM IMPLEMENTATION</b>	<b>17</b>
5.1 INDEX PAGE	17
5.2 LANDING PAGE	17
5.3 CHANGE PASSWORD	18

5.4 STAFF POSTING	18
5.5 STAFF TRANSFER	19
5.6 SENIORITY	20
5.7 LEAVE ENTRY	21
5.8 EMPLOYEE REGISTRATION	21
5.9 EMPLOYEE PROPERTY STATEMENT	22
5.10 EMPLOYEE SERVICE REGISTRY	23
5.11 EMPLOYEE COMPLAINTS/GRIEVANCES	24
5.12 EMPLOYEE QUERY BUILDER	25
5.13 EMPLOYEE DISCIPLINARY PROCEEDINGS	26
<b>6. CONCLUSION</b>	<b>28</b>
<b>BIBLIOGRAPHY</b>	<b>29</b>
RESEARCH REFERENCE	29
IMPLEMENTATION REFERENCE	29
<b>APPENDICES</b>	<b>30</b>
INDEX (LOGIN PAGE)	30
LOGIN FUNCTION (PHP FUNCTION)	31
NAVIGATION BAR	32
STAFF TRANSFER (PHP FUNCTION)	33
PDF GENERATOR (USING FPDF PHP LIBRARY)	35

# **ACKNOWLEDGEMENT**

We are grateful for being given this opportunity by the Tiruppur Court Administration Committee.

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## SYNOPSIS

The government workspaces till date in most places record and store data as books and files. Unlike their private counterparts who all have at least installed a fundamental infrastructure to manage their data/information. So, it is about time that the Government sector also adapts to modern technology to make their workflow more efficient.

Tiruppur District Court had approached our college with the above intention, to give an opportunity to growing developers, to take up the responsibility of transitioning their workflow to a digital space. Some of the core aspects they wanted to implement digitally were: human resource management, accounts management, case-flow management, etc.

Our team was given the opportunity to develop a web application which would function as a Human Resource Management, otherwise called the 'Personal Information System'. The fundamental idea was to give the Administrators a web application through which they will be able to use functionalities like: assigning transfers, assigning posts, monitoring attendance, etc. Every other staff/worker would also be able to login to their personal accounts to view their attendance or apply for leave.

E-Court is the project initiated by the board of officials belonging to the Tiruppur District Court. This initiative taken by them was to propagate the trend of adapting to modern technology in all government sectors. With the success of this project, they would move further towards helping all other courts get their own Resource Management Application at their fingertips.

# CHAPTER 1

## INTRODUCTION

Like all other workspaces, a District Court also behaves like an office with government employees and administrators. So, they are entitled to perform a routine of tasks/procedures to exercise an efficient workspace culture. Until now, the court administration relies on traditional methods like handwritten records, standardized forms of procedure, and in some cases only word of mouth is practiced to maintain employee profile/data and to enforce some basic protocols.

To lay a briefer overview, the Tiruppur District court does have a special committee to enforce modern technologies into the existing government culture. So far, they have been able to install a biometric fingerprint scanner with which they mark the attendance of each staff/worker. A system analyst is appointed to overlook the functioning of this newly adapted technology. Apart from that, all other basic procedures such as applying for leave or assigning staff posting are still either practiced manually or enforce standardized procedures. For example, if the head clerk post is clear for some else to take the place, the court administration should manually go through the records to find the most senior staff who is eligible to take the post. Additionally, the staff who will be assigned for the new post should also hold no records of disciplinary proceedings.

Personal Information System is a system that holds all the information about the users in the system with which different tiers of users will be able to perform different functionalities. With all the data organized efficiently, the administration will be able to manage the users of the system productively. It would perform as a Human Resource

Management tool which can integrate the existing attendance management tool along with other lacking functionalities like staff posting, staff transferring and more.

The purpose of the application is to create an organized information system of the users; however, our project is to create a PIS for the Tiruppur District Courts with which the staff/worker will be able to access certain functionalities, likewise, the administration will be able to access certain functionalities. For example, a user will be able to apply for leave using this application, and also the administration will be able to issue a posting order for a staff/worker of the court. With this system we will be able to integrate all the functionalities needed to enforce an efficient human resource management tool. The example we discussed earlier about head clerk post cleared for someone else to take. With the help of the Personal Information System, where all the employee data is integrated, within a fraction of a second, we would be able to know the right employee to take up the new post considering all the given criteria.



## **CHAPTER 2**

### **BACKGROUND**

#### **2.1 DISTRICT COURTS**

The District Courts of India are established by the State governments of India for every district or for one or more districts together taking into account the number of cases and population distribution in the district. They administer justice in India at a district level. These courts are under administrative control of the High Court of the State to which the district concerned belongs. The decisions of the district court are subject to the appellate jurisdiction of the concerned High Court.

#### **2.2 TIRUPPUR DISTRICT COURTS**

Tiruppur District has about 37 courts and they can be broadly classified into two kinds of courts: civil and criminal. District Munsiff courts are pure civil courts that deal with the public-civic cases. Judicial Magistrate are pure criminal courts that deal with criminal cases. Rest of the courts are termed as sub-courts which deal with both civil and criminal. They include some special courts as well, like 'Prevention of Atrocities Act' and 'POCSO: Against Woman'.

The judge who heads all the criminal courts is called Chief Judicial Magistrate and the chief who heads the civil courts is called Principal District Judge who also heads the overall administration of the courts in the Tiruppur District.

#### **2.3 TERMINOLOGY**

- PIS - Personal Information System
- PDJ - Principal District Judge the chief of administration of the courts in a district

- **Disciplinary Proceedings** - An action taken against a government servant to reprimand or corrective action in response to employee misconduct, rule violation, or poor performance.
- **Service Register** - A record of a staff/worker which holds the details of the person's previous postings, transfers and places of work.

## **2.4 BACKGROUND DETAILS OF GIVEN MODULES**

### **2.4.1 Staff Posting**

The Chief Administrator in this case a PDJ, should be able to assign posts to the employees. Especially in the case of promotion, the PDJ should be able to reassign the post of the employee.

### **2.4.2 Staff Transfer**

Similarly, to Posting, the PDJ should be able issue/assign transfers within the different courts present in the Tiruppur district. As this is a very frequent tradition among the courts that belong to a district. A district like Tiruppur has about 37 courts where the employees are frequently transferred between them.

### **2.4.3 Seniority**

Generally, in a government work culture, when considering to promote an employee, the dominant factor they validate is seniority. There might be multiple employees having the same post, so when someone has to be promoted to fill in a post, the most senior employee among the list will be considered. There are other factors which will be looked into as well like disciplinary proceedings. A disciplinary proceeding is a soft case filed against the government employee for any kind of professional malpractice. So when there is an active Disciplinary Proceeding going against the employee, he or she wouldn't be considered for the promotion. Hence it is important for the court to maintain a queue of employees based on their seniority and disciplinary proceedings, so the court will be able to assign promotions digitally.

## CHAPTER 3

# SYSTEM REQUIREMENTS

The client had clearly stated, when the functional requirements were discussed, that the frontend and backend should completely function only using open-source technologies. As it is a government project, the client didn't want to depend on any private technologies.

### 3.1 SOFTWARE REQUIREMENTS

To develop the Web Application these were the software requirements given by the client.

- **Front End Tool:** Apache PHP, Ajax, jQuery, Bootstrap
- **Database:** PostgreSQL, MySQL

### 3.2 HARDWARE REQUIREMENTS

The client also stated that they already have server running on Ubuntu, the hardware requirements to host the Web Application are:

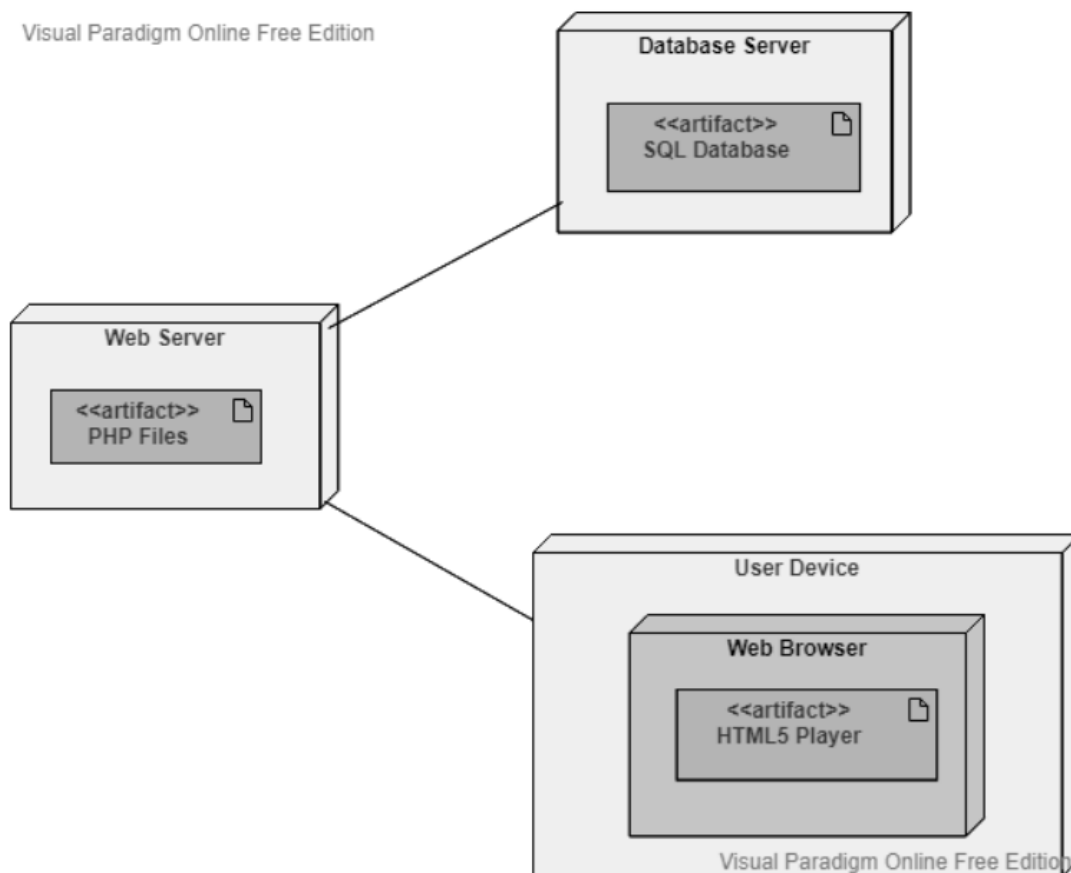
- **Operating System:** Ubuntu Linux 14.04 Server Edition
- **Processor:** 1 vCPU/cores, Pentium 4 or later
- **Memory:** 2GB RAM
- With Internet Connection

## CHAPTER 4

# SYSTEM ANALYSIS

To design an effective application to maintain a consistent system, it was important to identify different components, actors, requirements and relationships of the system, and create a visual representation of them to have a clear objective in place. The three software design models that represent the different aspects of the project are Deployment model, Use Case Diagram, and an ER diagram.

### 4.1 DEPLOYMENT MODEL



**Fig 1. Deployment Model of the Personal Information System**

The three important parts in the above Fig 1, Deployment model are:

- **Database Server:** which holds and manipulates the database on command. Which we have developed using MySQL.
- **Web Server:** An Apache HTTP Server included by XAMPP is used to link all the PHP files, to make it a complete Web Application
- **User Device:** Any device that has a web browser through which they will be able to access the Web Application.

## 4.2 USECASE DIAGRAM

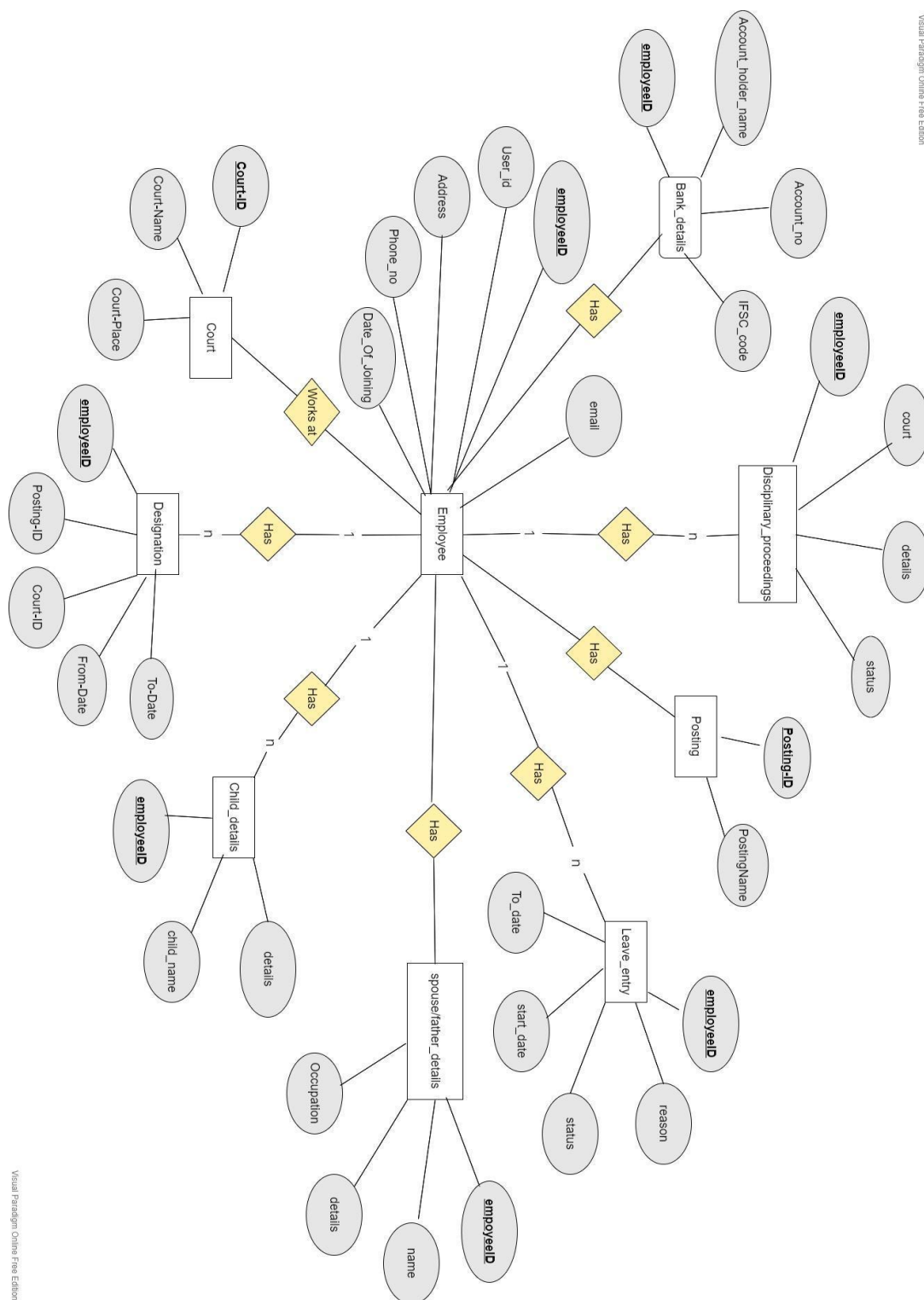


**Fig 2. Use case of the Personal Information System**

As the Use Case diagrams Fig 2 above portrays there are three important actors participating in this system: a staff/worker, an administrator and a super-administrator. Each set of actors have a different set of functionalities that can be accessed through the application. Few of the Use Cases are:

- **User Management:** The administrator should be able to add, edit or delete profiles of new or existing employees.
- **Leave Entry:** for the staff to use as a leave entry which can be authorized by the admin
- **Attendance management:** Administrators will be able to maintain attendance.
- **Disciplinary Proceedings:** Helps admin in tracking and maintaining every employee's disciplinary action.
- **Posting and Transfer Orders:** Gives admin a basic structure for employee transfer. Admin can transfer the employees from one branch to another or from one posting to another.

### 4.3 ENTITY-RELATIONSHIP DIAGRAM



**Fig 3. Entity-Relationship Diagram of the Personal Information System**

The above Fig 3, the ER model represents the structure of the system database based on managing employees' information requirements. The model has the following separate entities.

- **Employee:** This is the main table to which all the tables are connected which holds about 20 attributes and has a relationship with 8 other entities.
- **Designation:** This entity contains details about designations of an employee along with their duration. It has foreign keys to 'Posting' and 'Court' entities.
- **Court:** Has details of court names and their places.
- **Posting:** Has information about postings across various courts.
- **Disciplinary proceeding:** It has details of disciplinary actions taken on employees, reason for the proceedings, their status, and court details from which proceedings were received.
- **Leave Entry:** This table stores leave entries, reason for leave, duration, and their status.
- **Bank Details:** Employees' bank accounts' details are stored.
- **Spouse Father Details:** Contains employee's spouse/father details including their address and occupations.
- **Child Details:** Holds child details of employees.

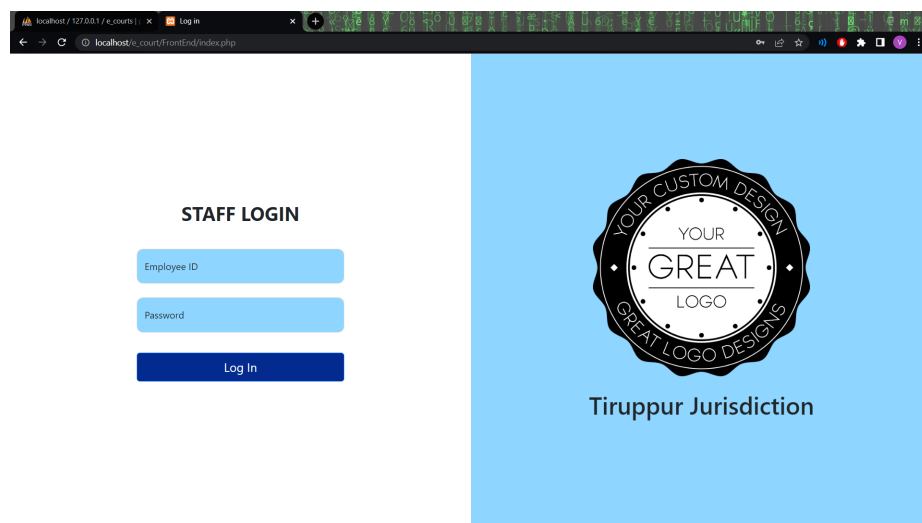


## CHAPTER 5

# SYSTEM IMPLEMENTATION

### 5.1 INDEX PAGE

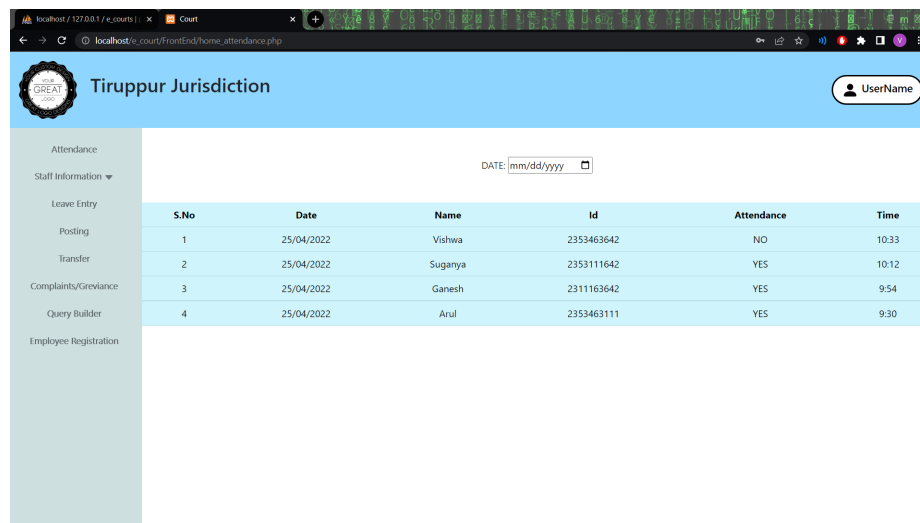
The login page of the web application. Like every login page, it asks for a username and password, and according to the entered credentials the application opens the page specific to the user. Now we are predominantly working for the super administrator, so we will be able to login as the super administrator. The below Fig 4 shows the implementation of the module.



**Fig 4. Login Page of the Personal Information System**

### 5.2 LANDING PAGE

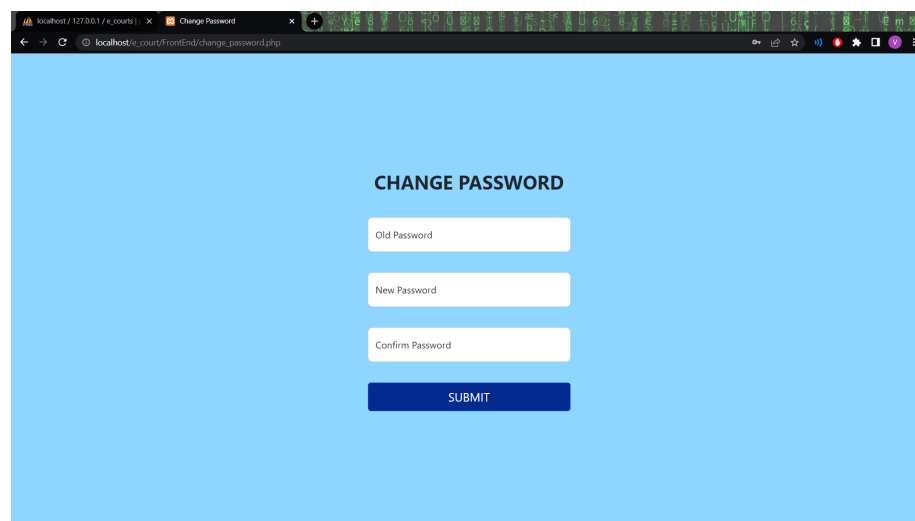
Once logged in, we will land on the page which displays the attendance of the employees. A navigation bar to the left through which the user can access all the other functionalities. A profile button on the right top corner which on click allows users to change their password or logout. The below Fig 5 shows the implementation of the module.



**Fig 5. Landing Page of the Personal Information System**

### 5.3 CHANGE PASSWORD

Change password is an import page because the users will be assigned a default username with an auto generated password initially, so when they login for the first time, it is secure that they change their password so other users wouldn't be able to login.

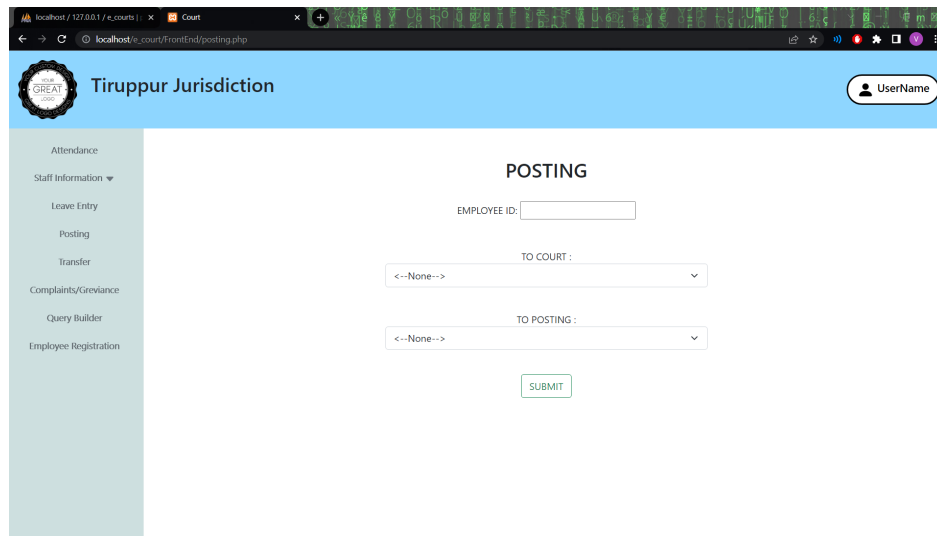


**Fig 6. Change Password Page of the Personal Information System**

### 5.4 STAFF POSTING

In the previous chapter we discussed an important feature about the web application, super administrator having the ability to assign and reassign posts to employees.

Especially in the case of promotion, the super admin should be able to reassign the post of the employee. This way we can keep the database consistent. And this feature should be held only by the PDJ, the chief administrator of all the courts in Tiruppur. So this page lets the administrator do that. The below Fig 7 shows the implementation of the module.



The screenshot displays a web application interface for 'Tiruppur Jurisdiction'. The main heading is 'POSTING'. Below it, there is a form with three input fields: 'EMPLOYEE ID:', 'TO COURT:', and 'TO POSTING:'. Each field has a dropdown menu with '<--None-->' as the selected option. A 'SUBMIT' button is located at the bottom of the form. On the left side, there is a sidebar menu with the following items: Attendance, Staff Information (which is expanded), Leave Entry, Posting, Transfer, Complaints/Grievance, Query Builder, and Employee Registration. The top of the page shows the browser address bar as 'localhost/127.0.0.1/e\_court/...' and a user profile icon labeled 'UserName'.

**Fig 7. Staff Posting Page of the Personal Information System**

## 5.5 STAFF TRANSFER

Again, like we discussed in the previous chapter about this important feature to handle transfers between the courts, the PDJ should be able to do that. The super admin should be able issue/assign transfers within the different courts present in the Tiruppur district. As this is a very frequent tradition among the courts that belong to a district. A district like Tiruppur has about 30 - 40 courts where the employees are frequently transferred between them. Again, with this functionality, the super admin will be able to maintain a consistent Database. The below Fig 8 shows the implementation of the module.

**Fig 8. Staff Transfer of the Personal Information System**

## 5.6 SENIORITY

Similar to the previous two functionalities we discussed, Seniority is an important functionality. We have briefed about it in the previous chapter. This page of the web application is to display the seniority of a specified post. The below Fig 9 shows the implementation of the module.

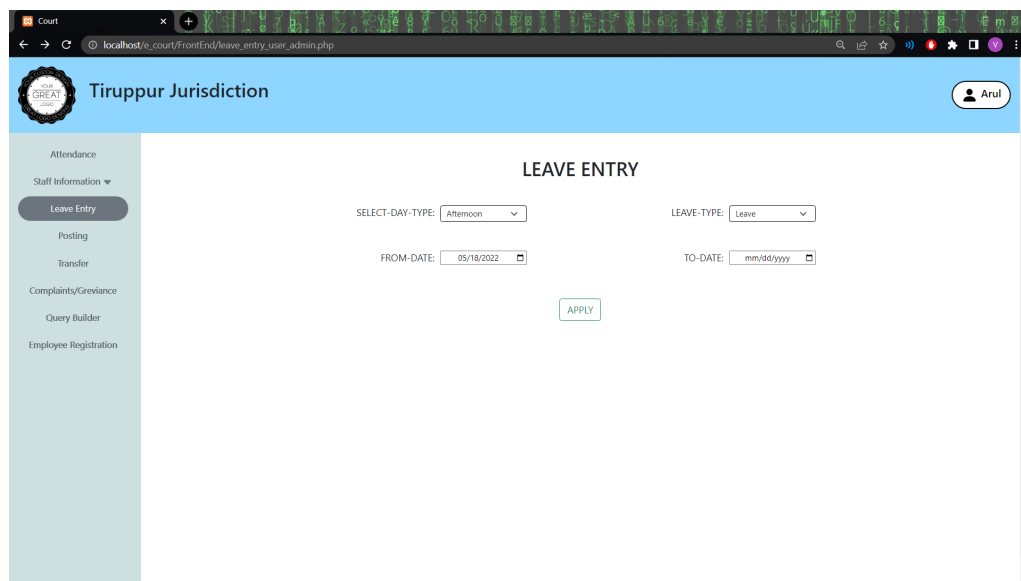
Employee ID	Employee Name	Posting joined date
4	Mohammed Tarik	2017-09-25
1	Arun Prasad	2018-04-05

**Fig 9. Seniority Page of the Personal Information System**

## 5.7 LEAVE ENTRY

The staff/workers should be able to access the portal and apply for leave which will be posted to the Principal District Judge, who has the authority to approve it. Until the authorizing person has approved it, the application status will remain pending and that would be displayed on the Leave Entry page itself.

The user will be able to select the date, duration and type, along with that a short description can be added. Just like in the Fig 10 presented below.



The screenshot shows a web browser window with the URL `localhost/e-court/frontEnd/leave_entry_user_admin.php`. The page title is "Tiruppur Jurisdiction". On the left, there is a sidebar menu with options: Attendance, Staff Information (expanded), Leave Entry (selected), Posting, Transfer, Complaints/Grievance, Query Builder, and Employee Registration. The main content area is titled "LEAVE ENTRY" and contains the following fields: "SELECT-DAV-TYPE" (dropdown menu showing "Afternoon"), "LEAVE-TYPE" (dropdown menu showing "Leave"), "FROM-DATE" (calendar icon showing "05/18/2022"), and "TO-DATE" (calendar icon showing "mm/dd/yyyy"). There is an "APPLY" button below the date fields.

**Fig 10. Leave-Entry Page of the Personal Information System**

## 5.8 EMPLOYEE REGISTRATION

As new government employees get posted to the courts of Tiruppur District, the system should be able to create a digital record/profile of them and add them to the database.

The court does follow a certain procedure when a new employee is posted to the court, they have certain mandatory details that are to be followed. Adapting the same procedure in this page and including all the necessary fields.

Registering the new employee not only adds the employee's profile to the database but also generates the employee's personal credentials to access the web application.

The screenshot shows the 'REGISTRATION' page of the 'Tiruppur Jurisdiction' system. The form is divided into two columns. The left column contains fields for Employee-ID, First-Name, E-Mail, Service-Join-Date, Aadhar-Number, Differently-Abled (radio buttons for YES/NO), Native-District, Religion, and Marital-Status (radio buttons for YES/NO). The right column contains fields for Password, Last-Name, Phone-Number, Date-of-Birth, Pan-Number, Gender (radio buttons for MALE, FEMALE, OTHER), Community, Caste, and Spouse/Father-Name. A sidebar on the left lists various system functions, with 'Employee Registration' highlighted.

**Fig 11.1. Employee Registration Page of the Personal Information System**

The screenshot shows the bottom half of the 'REGISTRATION' page. The form continues with fields for Spouse/Father-Occupation, Spouse/Father-District, Number-of-Children, and Special-Child (radio buttons for YES/NO). Below these are two large text areas for Permanent-Address and Current-Address. At the bottom, there are fields for Bank Account Holder Name, Bank Account Number, and IFSC Number. A green 'REGISTER' button is located at the bottom center of the form area.

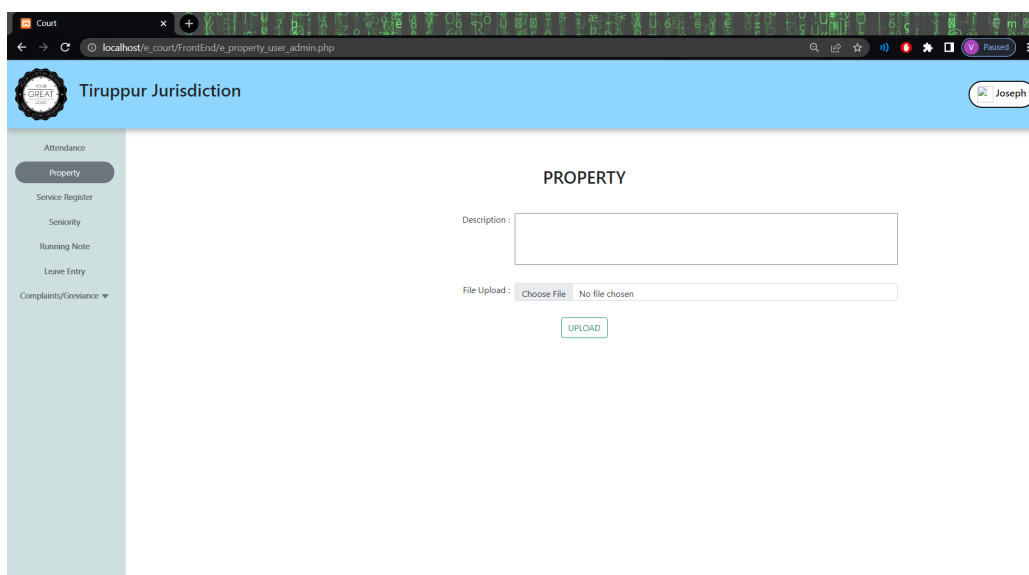
**Fig 11.2. Employee Registration Page of the Personal Information System**

## 5.9 EMPLOYEE PROPERTY STATEMENT

The government tracks the financial investments of the employee to monitor their expenditure. Any form of market transaction that approximately costs more than forty

thousand should be recorded by the employee in the personal information system with a scanned copy of the receipt. These transactions can be anything from buying land, house, vehicle, gold and more. Such records would benefit the employee and the government at the time of the disciplinary proceedings of the employee.

The figure 12 below shows the page in the personal information system which user will be able to access and record his or her property statements.



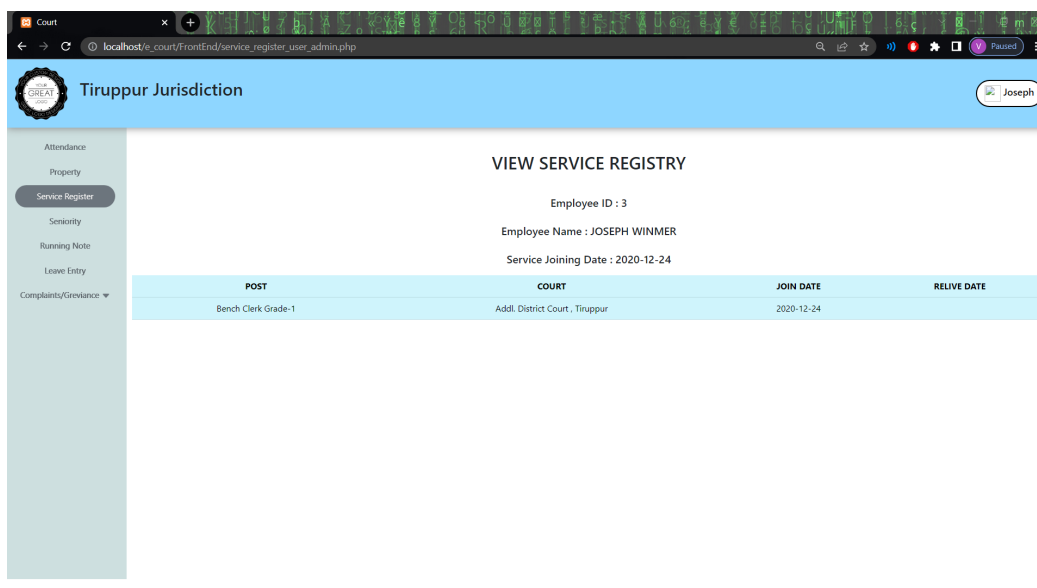
The screenshot shows a web browser window with the address bar displaying 'localhost/e-court/FrontEnd/e\_property\_user\_admin.php'. The page title is 'Tiruppur Jurisdiction'. On the left, there is a sidebar menu with options: Attendance, Property (selected), Service Register, Seniority, Running Note, Leave Entry, and Complaints/Grievance. The main content area is titled 'PROPERTY' and contains a form with a 'Description' text box and a 'File Upload' section with a 'Choose File' button and a 'No file chosen' status. An 'UPLOAD' button is located below the file upload section. The user's name 'Joseph' is visible in the top right corner.

**Fig 12. Employee Property Statement Page of the Personal Information System**

## 5.10 EMPLOYEE SERVICE REGISTRY

An Employee Service Registry is a record of the information about the employee that specifically holds all his or her transfers, postings, courts, date of joining and date of relieve. This set of records is vital for the court and the super admin so he or she can accordingly assign new transfers and postings.

The figure 13 below shows the Service Registry of the Personal Information System which an employee can access to look at his or her recorded history of services in different courts.



**Fig 13. Employee Service Registry Page of the Personal Information System**

## 5.11 EMPLOYEE COMPLAINTS/GRIEVANCES

Another important functionality provided for the employee/staff is to register complaints or grievances. Their grievances can be about anything such as workplace issues, work timings and more. All registered complaints will be displayed to the Principal District Judge who makes the final call in administrative decisions.

The figure 14 below shows the page in personal information system through which an employee/staff will be able to register complaints/grievances. Which will be collectively displayed to the super admin, the Principal District Judge, who can accordingly take action to the complaints.



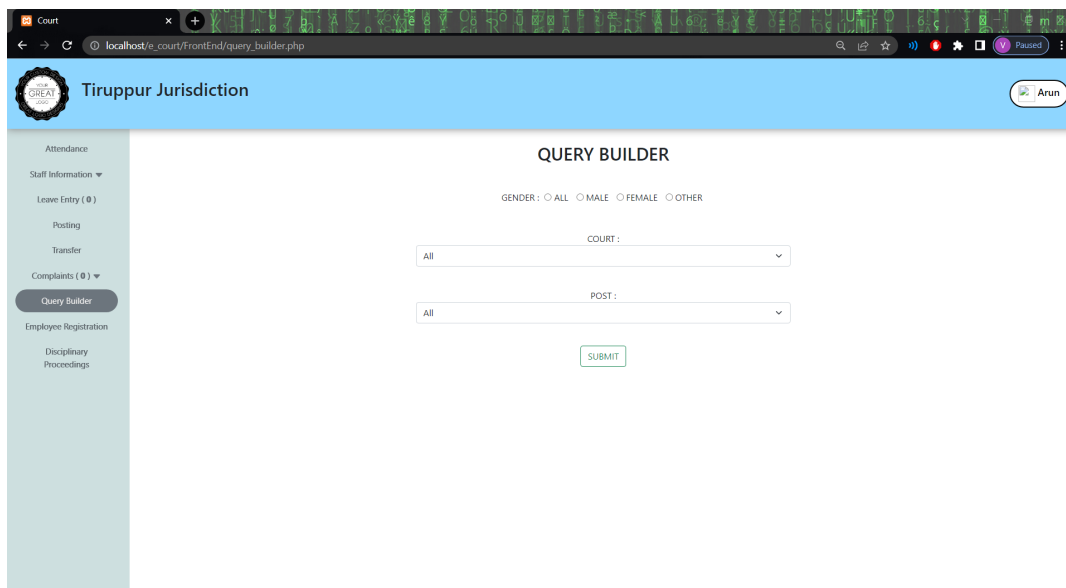
The screenshot shows a web browser window with the URL `localhost/e_court/FrontEnd/register_complaint_user_admin.php`. The page title is 'Tiruppur Jurisdiction'. On the left, there is a sidebar menu with options: Attendance, Property, Service Register, Seniority, Running Note, Leave Entry, and 'Complaints/Grievance' (which is highlighted). The main content area is titled 'File A Complaint/Grievance'. It contains a 'Category' dropdown menu, a 'Description (max 2000 words)' text area, and a 'Complaint Related Doc (If ANY)' section with a 'Choose File' button and a 'No file chosen' status. A 'SUBMIT' button is located at the bottom of the form.

**Fig 14. Complaints/Grievance Page of the Personal Information System**

## 5.12 EMPLOYEE QUERY BUILDER

The query builder is an interface that helps you construct and modify queries in a structured format. So the Query Builder in the Personal Information System is used to access information about employees using a structured format which includes: gender, court title and post title. The super admin, using these constraints, will be able to access information about the employees/staff of particular court or particular posting.

The figure 15 below shows the Query Builder page of the Personal Information System that will be displayed only to the super administrator who is authorized to access information about other employees.

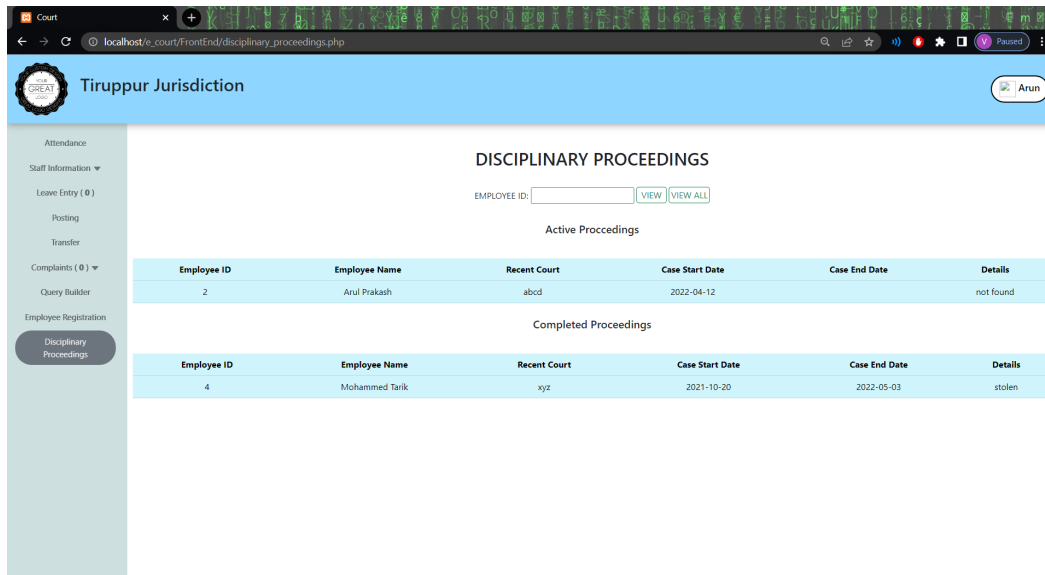


**Fig 15. Query Builder Page of the Personal Information System**

### **5.13 EMPLOYEE DISCIPLINARY PROCEEDINGS**

Disciplinary Proceedings are actions taken against a government servant to reprimand or corrective action in response to employee misconduct, rule violation, or poor performance. It is a soft case against an employee for a workplace misconduct and as long as it is active, the employee will lose some of his or her benefits such as withhold their promotions. So it is important for the database to hold employee from some of his or her benefits and be consistent throughout the proceedings have a result,

The figure 16 below shows the Disciplinary Proceedings page of Personal Information System that can only be accessed by the super administrator. He or she will be able to see all the active cases of Disciplinary Proceedings and the completed ones.



**Fig 16. Disciplinary Proceedings Page of the Personal Information System**

The super administrator will be able to see all the necessary information about the disciplinary proceedings such as the employee involved, status, start date and the court which has taken up the case,

## **CHAPTER 6**

### **CONCLUSION**

With the given opportunity, we have been able to implement the above modules and create a functional web application. With this application, now the court will be able to give up their traditional methods of managing their employees and adapt to utilizing modern technology. This would increase their productivity enormously and establish a digital system for maintaining and managing information.

Once they have incorporated the application within their organization, a new scope for advancement and expansion will take place. With the possibility of integrating more functionalities and modifying existing ones, the application can be reproduced to cater to other district courts as well. Hence the success of this project would plant a seed for greater growth.

With the system in place, transferring employee information from traditionally maintained documents to the Database can pose a time-consuming work. So, this project can be followed up by a development of a module/project that will be able to scan the existing documents and input the information into the Database, removing the manual work of entering data into the Database.

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- FPDF 1.53 Reference Manual: <http://www.fpdf.org> › download › doc153PDF
- PHP7 for Beginners: <https://www.tutorialrepublic.com/php-tutorial/>

## APPENDICES

### INDEX (LOGIN PAGE)

```

<div id = 'fsh'>
    <div id = 'log'><center></center><br><center><h1>Tiruppur
Jurisdiction</h1></center></div>
</div>

<form action="" method="POST">
<div id = 'firsth'><center>
<div class="form-signin">
    <h1 class="h2 mb-3 fw-bold">STAFF LOGIN</h1><br>
    <div class="form-floating">
        <input type="text" class="form-control" id="floatingInput" placeholder="Name"
name="employeeID" style="background-color: #8ED6FF;">
        <label for="floatingInput">Employee ID</label>
    </div><br>
    <div class="form-floating">
        <input type="password" class="form-control" id="floatingPassword"
placeholder="Password" name="password" style="background-color: #8ED6FF;">
        <label for="floatingPassword">Password</label>
    </div><br>
    <button class="w-100 btn btn-lg btn-primary" type="submit" name="submit">Log
In</button>
</div></center>
</div>
</form>

<div id = 'secondh'>

```

```

<div id = 'logo'><center></center><br><center><h1>Tiruppur
Jurisdiction</h1></center></div>

</div>

```

## LOGIN FUNCTION (PHP FUNCTION)

```

$employeeID = $_POST['employeeID'];
$password = $_POST['password'];
$conn=connectDB();

//validates if user with the entered credentials exist in database. if yes proceed
to next page.
$query="select * from employee where employeeID='{$_employeeID}'";
$result=mysqli_query($conn,$query);

if(mysqli_num_rows($result) == 1 ){
    $row=mysqli_fetch_array($result);

    if($password == $row['password']){
        $_SESSION['employeeID'] = $row['employeeID'];
        $_SESSION['page_employeeName'] = $row['first_name'];
        echo isset($_SESSION['employeeID']);
        header("Location:home_attendance.php");
    }
    else{
        echo "<script>swal({title:'Invalid Employee ID /
Password',icon:'info'});</script>";
    }
}
else{

```

```

        echo "<script>swal({title:'Invalid Employee ID /
Password',icon:'info'});</script>";
    }

```

## NAVIGATION BAR

```

<div id="sidebar">
    <div id="mySidebar" class="sidebar">
        <a href="javascript:void(0)" class="closebtn d-md-none"
onclick="closeNav()">&times;</a>
        <form action="" method="POST">
            <button type="submit" class="btn btn-outline-secondary" id="attendance"
name="attendance">Attendance</button>
        </form>
        <div id="accordion2" class="card">
            <div class="card-header">
                <button type="button" id="staff_info" class="btn btn-outline-secondary"
name="staff_information" data-bs-toggle="collapse" href="#collapseTwo">
                    <span>Staff Information<span>
                    <svg xmlns="http://www.w3.org/2000/svg" width="16" height="16"
fill="currentColor" class="bi bi-caret-down-fill" viewBox="0 0 16 16">
                        <path d="M7.247 11.14 2.451 5.658C1.885 5.013 2.345 4 3.204
4h9.592a1 1 0 0 1 .753 1.659l-4.796 5.48a1 1 0 0 1-1.506 0z"/>
                    </svg>
                </button>
            </div>
            <div id="collapseTwo" class="collapse" data-bs-parent="#accordion2">
                <hr class="dropdown-divider">
                <div class="card-body">
                    <form action="" method="POST">
                        <center><button class="btn btn-outline-secondary" type="submit"
id="property" name="property">Property</button></center>

```



```

</div>
<div class="card-body">
    <center><button class="btn btn-outline-secondary" type="submit"
id="service_register" name="service_register">Service Register</button></center>
    </div>
<div class="card-body">
    <center><button class="btn btn-outline-secondary" type="submit"
id="seniorityb" name="seniority">Seniority</button></center>
    </div>
<div class="card-body">
    <center><button class="btn btn-outline-secondary" type="submit"
id="running_note" name="running_note">Running Note</button></center>
    <hr class="dropdown-divider">
</form>
</div>
</div>
</div>

```

## STAFF TRANSFER (PHP FUNCTION)

```

$conn = connectDB();
$employeeID = $_POST['employeeID'];
$court_to = mysqli_real_escape_string($conn,$_POST['court_to']);
$_SESSION['court_to'] = $court_to;
$court_from = mysqli_real_escape_string($conn,$_POST['court_from']);
$_SESSION['from_court'] = $court_from;
$query1 = "SELECT * from designation where employeeID = {$employeeID} and
to_date is null and from_date is not null";
$relive_date = date("d.m.Y");
$join_date = $relive_date;
$_SESSION['relive_date'] = $relive_date;
$_SESSION['join_date'] = $join_date;

```

```

if($result = mysqli_query($conn,$query1)){
    $row = mysqli_fetch_row($result);
    $from_court = $row[2];
    $from_post = $row[1];
    $_SESSION['from_post'] = $from_post;
    $_SESSION['post_to'] = $from_post;
    if(mysqli_num_rows($result) == 1 ){
        if($court_from == $court_to){
            $_SESSION['status'] = "Employee works in the same court to be
transferred";
            $_SESSION['status_code'] = "warning";
        }
        else{
            $relive_date = strtotime(str_replace('.', '-', $relive_date));
            $relive_date = date("Y-m-d", $relive_date);
            $join_date = strtotime(str_replace('.', '-', $join_date));
            $join_date = date("Y-m-d", $join_date);
            $query1 = "UPDATE designation SET to_date = '{$relive_date}' where
employeeID = {$employeeID} and to_date is null and from_date is not null";
            $query2 = "INSERT INTO designation
(employeeID,court,posting,from_date)
VALUES({$employeeID}, '{$court_to}', '{$from_post}', '{$join_date}')";
            $query3 = "SELECT CONCAT(first_name, ' ', last_name) as employee_name
FROM employee WHERE employeeID = {$employeeID}";
            $result2 = mysqli_query($conn,$query3);
            $row = mysqli_fetch_row($result2);
            $employeeName = $row[0];
            $_SESSION['post_transfer_employeeName'] = $employeeName;
            mysqli_query($conn,$query1);
            $query_run = mysqli_query($conn, $query2);
            if($query_run){?>

```

```

        <script>window.location.href = "pdf_generation.php";</script>
    <?php
    }
}

```

## PDF GENERATOR (USING FPDF PHP LIBRARY)

```

session_start();
require('fpdf184/fpdf.php');

$employeeName = $_SESSION['post_transfer_employeeName'];
$from_court = $_SESSION['from_court'];
$from_post = $_SESSION['from_post'];
$to_court = $_SESSION['court_to'];
$to_post = $_SESSION['post_to'];
$relive_date = $_SESSION['relive_date'];
$join_date = $_SESSION['join_date'];

unset($_SESSION['post_transfer_employeeName']);
unset($_SESSION['from_court']);
unset($_SESSION['from_post']);
unset($_SESSION['court_to']);
unset($_SESSION['post_to']);
unset($_SESSION['relive_date']);
unset($_SESSION['join_date']);

$pdf = new FPDF('P','mm','A4');
$pdf->AddPage();

$pdf->Cell(0,5,"",0,1);

$pdf->SetFont('Arial','BU',12);

```

```
$pdf->Cell(0,5,'PROCEEDINGS OF THE PRINCIPLE DISTRICT JUDGE,  
TIRUPPUR',0,1,'C');
```

```
$pdf->Cell(0,5,"",0,1);
```

```
$pdf->SetFont('Arial','',11);
```

```
$pdf->Cell(80,5,'Present:',0,0,'R');
```

```
$pdf->Cell(0,5,'(Name of Officer)',0,1,'L');
```

```
$pdf->Cell(80,5,"",0,0,'R');
```

```
$pdf->Cell(0,5,'Principle District Judge',0,1,'L');
```

```
$pdf->Cell(80,5,"",0,0,'R');
```

```
$pdf->Cell(0,5,'Tiruppur.',0,1,'L');
```