"STUDENT LEAVE MANAGEMENT SYSTEM"

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ABSTRACT:

In the current educational landscape, leave management for students relies on manual processes, where students submit leave requests through traditional methods. This archaic approach often results in time-consuming administrative tasks, such as record-keeping and leave verification. The Student Leave Management System is a web-based application designed to streamline and automate the leave application and approval process for students within educational institutions. This software application offers students the ability to submit leave requests securely using their unique identifiers and passwords. The system facilitates a more efficient and organized leave management process, reducing paperwork, minimizing the risk of data loss, and eliminating errorsin record-keeping.

Keywords:

Leave Request, Approvel Workflow, Student Authentication,User,Roles(Admin,Student,Faculty),History Log.

I. INTRODUCTION

In an educational institution, data-driven operations underpin the daily activities, and students play a central role in its continuous functioning However, the existing leave management processes for students are

predominantly manual, requiring students to submit their leave requests in person or through traditional channels. This manual approach results in a cumbersome administrative burden, characterized by repetitive data entry and record maintenance. Moreover, the manual verification process further compounds the administrative workload. In response to these challenges, the Student Leave Management System is introduced to revolutionize leave application and approval procedures within our educational institution. This system is designed to automate and streamline the entire workflow of student leave requests, providing a welcome relief from the paperwork-intensive legacy systems. The Student Leave Management System serves as a catalyst for the institution, drastically reducing the volume of manual record-keeping and data entry while mitigating the risk of data loss.

1.Features Included:

1. Add Student.

2. Apply Leave.

3. Accept/Reject Leave

4. Edit/Delete Leave.

Module

Includes

1. Admin

2. Student

2. Student Leave Application Process:

In the context of student leave management, the process is designed to be straightforward and studentcentric. Students can request leaves efficiently with minimal administrative hassles.

3. Leave Request Submission:

Students initiate the leave application process by logging into the Student Leave Management System.They select the "Apply for Leave" option and fill in the required details, including the leave start and end dates, reason for leave.

Immediate Acknowledgment:

Upon submission, the system provides an immediate acknowledgment of the leave request, ensuring that the student's request has been received.

Approval Workflow:

The leave request is automatically forwarded to relevant authorities for approval. This typically includes faculty members or Clerks, ensuring that academic responsibilities are adequately considered.
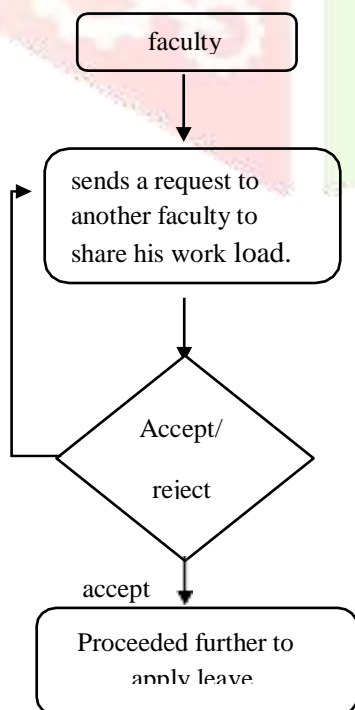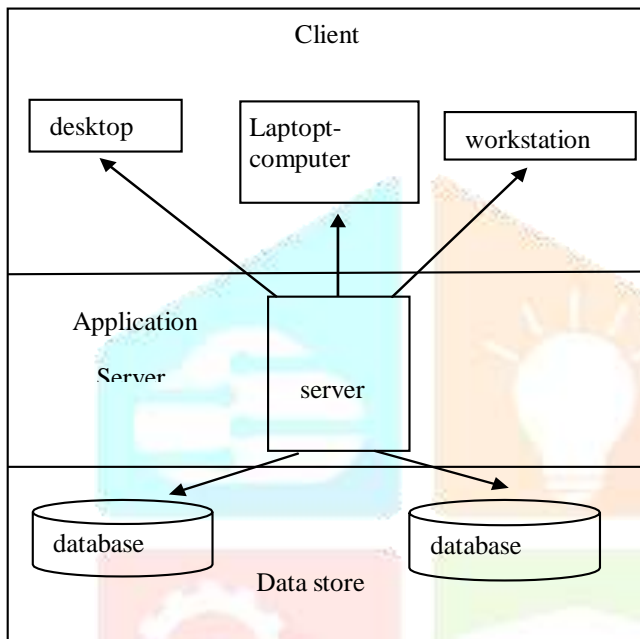
Real-time Status Updates:

Students can access the system to check the status of their leave request at any time. The system provides real-time updates, indicating whether the request is pending, approved, or denied. This streamlined Student Leave Application Process aims to empower students with control over their academic commitments while ensuring that educational institutions can effectively manage and monitor leave requests. Real-time status updates and automated leave calculations enhance transparency and reduce administrative overhead, ultimately improving the overall efficiency of the leave management process for students.

What is a client server?
The client server offers full relational database administrations, for example, SQL-Access, Record adjusting, Insert, delete with full relationalintegrity +reinforcement/reestablish execution for high volume of exchanges, and so forth the client server middleware gives an adaptable interface among client and server. acknowledge/dismiss the leave application

mentioned by the student. This framework offers a solid and simple to get to.It gives high security and a framework that diminishes the work and asset required in conventional procedure. The proposal system gives another method for processing and showing records with responsive and alluring UI.

3.1 **Working of leave management system**

3.1 WORKING MODEL OF THE SYSTEM CLIENT SERVER MODEL

Client server utilization are capricious anyway the basic thought is essential and stunning. A client is an application running with close by resources yet prepared to request the database and relate the services from discrete remote server. The software intervening this client server coordinated effort is consistently insinuated as MIDDLEWARE. The regular client either a PC or a Work Station related through a framework to an even more noteworthy PC, Workstation, Mid-range or Main Frames server by and large prepared for dealing with requesting from more than one client. In any case, with some structure server may in like manner go about as client.

Brief overview of the technology:

Front end:

HTML, CSS, JavaScript 1.HTML: HTML is utilized to make and save web document. 2.CSS: (Cascading Style Sheets) Create appealing Layout. 3.Bootstrap: responsive design mobile friendly site 4.JavaScript: it is a programming language, commonly usewith web browsers.

Software tool:

Netbeans 7.2.1 - NetBeans IDE is an award-winning integrated development environment available for Windows,Mac, Linux, and Solaris.

Database:

MYSQL - MySQL is an uninhibitedly accessible open sourceRelational Database Management System (RDBMS) that utilizations Structured Query Language (SQL). SQL is the most well-known language for including, getting to and overseeing content in a database.

CONCLUSIONS:

Therefore, the Student Leave Management System is helpfulfor institution to keep up the leave records of student. The higher authorities may acknowledge/dismiss the leave application mentioned by the student. This framework offers a solid and simple to get to.It gives high security and a framework that diminishes the work and asset required in conventional procedure. The proposal system gives another method for processing and showing records with responsive and alluring UI.

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