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TPGIT Employee Leave Management System

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Abstract: ***Tpgit Employee Leave Management App Project in Android Application focus mainly on keeping track of employee leave activities. This System will help to track the leave details for employee and their departments, leave records with the respect to available types. This System may be wont to automatize the advanced of leave applications and their approvals .The periodic crediting of leave is also automated. There are features like cancellation of leave, approved of leave, report generated etc in the tool. The project has been planned to be having the view of distributed architecture, with centralized storage of the information. The system display all the leave history of the employee. In this project contain and admin panel with an employee panel as well. In an overview of this android application employee has minor role and control over the system. He/She can apply for leave and view their examine leave history. An employee has to mention certain reason for apply leave. Such as leave type, starting and ending dates. The Employee can update his profile, and change their password.***
It is easy to maintained the application and reduce the time. It is easy free, secure, reliable and fast management app. It can assist used to concentrate on the record keeping. The valid data/information can be stored for a long period with easy to accessing the application.The authentication and authorization was crosschecked at all the relevant stage. The user level access has been restricted into two zone.
Keywords: Apply leave, Employee details, Accept/Decline/Pending, Leave history, Report.

I. INTRODUCTION

The administration can simply proceed towards employee leave. But before that the system and help to alert the administrator as soon as someone apply for it. Here the notification consists of the employee name and employee id with all the leave application with their respective details can be seen on the leave section and administrator's dashboard as well.
The admin will merely check the appliance and take action against it. In order line a response to each application an administrator has to approve/ decline with short remarks to it. After all the system mechanically changes the standing of an employee's request into the set ones speaking of action refers to pending leave, decline and approval.

II. SYSTEM ANALYSIS

A. Existing System

In the present working environment leave are maintained through registered for all employees have to submit the leave application to their respective superior. Staff need to submit the leave app to their respective authorities. There are many app &maintained and becomes tedious record. Present app are time consuming and not formed as per requirements consent.

B. Proposed System

This project aimed to developed an android based leave management app and it is basic requirements of an college. This application that can be access by specific employee and an college. The system will be maintained all the application and their approvals automatically. The periodic crediting of leave is also automated. This app will notify leave availability of employees in their periodic systematically.

III. DEVELOPMENT ENVIRONMENT

A. Hardware Requirement

Processor type	: Intel i5 processor or more
RAM	: 8GB
Hard disk	: 1TB
CPU	: 1 GB

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B. Software Requirements

Operating System : Windows 10
Cloud Platform : Google cloud
Front End : Android
Back End : Php

IV. MODULES DESCRIPTION

A. Administration

An administrator has full management over the system. Here each and every section has its own respective details. An admin first has to set up department for maintaining future processes. The admin will merely check the applying and take action against it. In order to set a response to each application, admin has to approve/decline with short remark it. After all the system automatically change the status of an employee request pending/decline and approval the leave.

B. Search

This module contain complete search like leave search, variety of leave , worker based mostly on the leave and starting & ending day of leave.

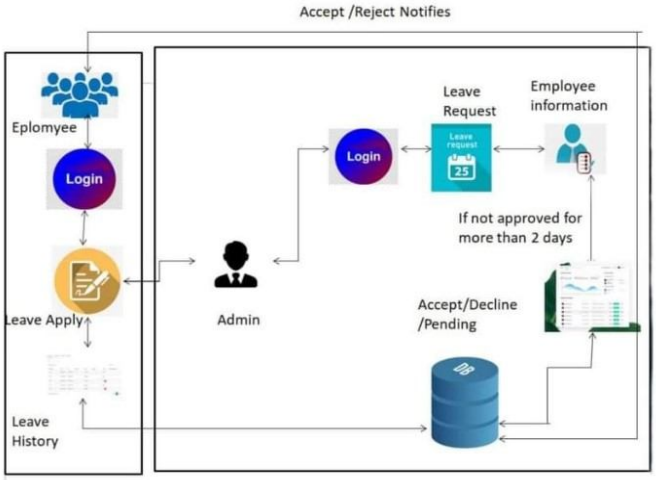
C. Employee

In the module employee has the privileges to use his username and password for login and he can see the request leave. The user has to select any of the available leave type while filling up leave form. The system requires user to fill out some fields such as leave name in order to add a new leave type.

D. Authentication

This module contains all the data concerning the authenticated user. User without his username and password can't into the login if he/she is only the authenticated user then he can enter to his login.

V. SYSTEM ARCHITECTURE



VI. CONCLUSION

Tpgit Employee Leave Management app is very useful for college to maintain the leave record of the employee. This system not only maintains the leave. The admin may accept or reject the leave application request by the employee. The system reduce the excess amount of job done by college to maintain the leave.

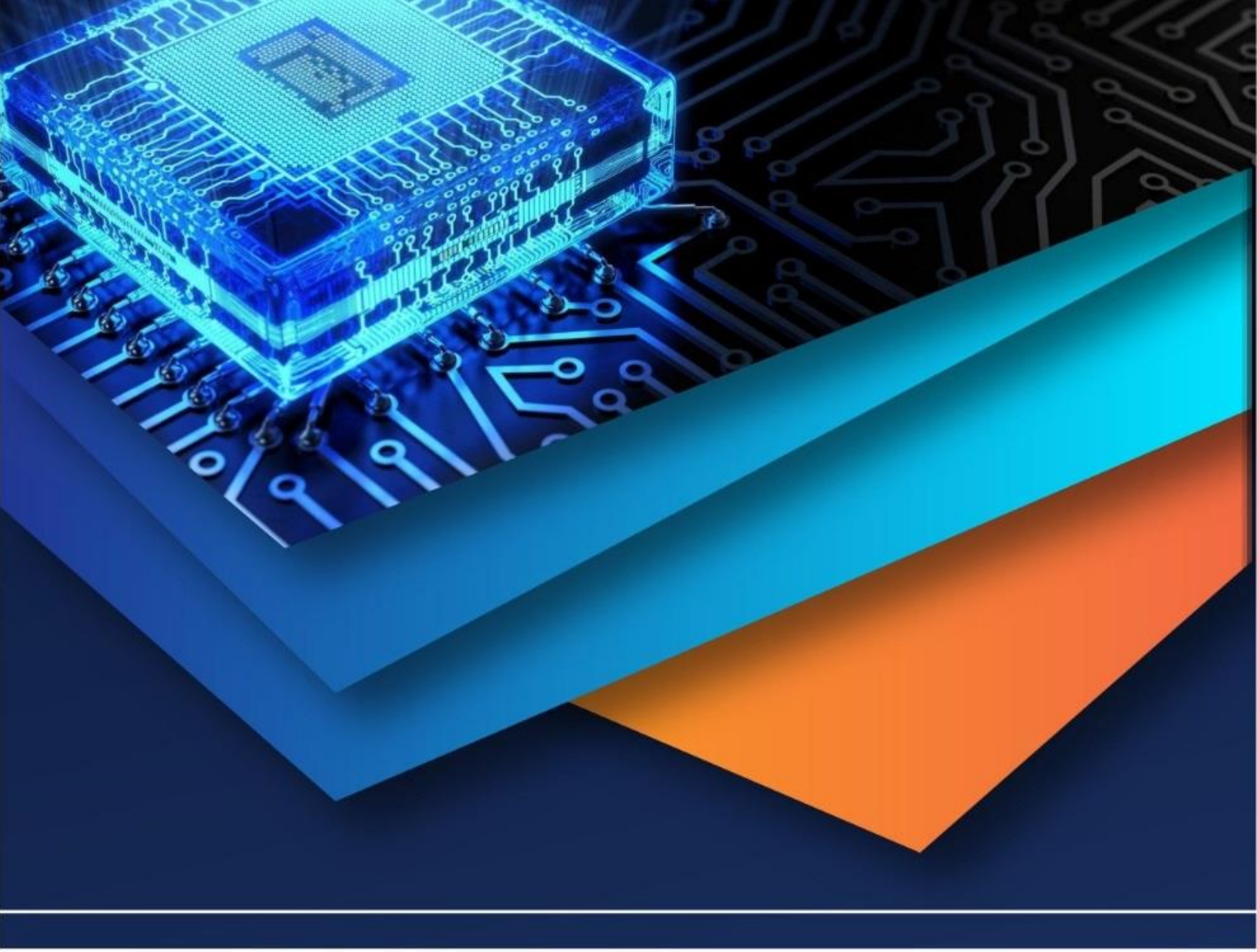
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VII.FUTURE ENHANCEMENT

Tpgit Employee Leave management app is to development to maintain the details of employee working in any departments. It maintain the information about details about the payroll system which modify to get the record.

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