Institute Staff Management Using Android Phone

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Abstract: Manual registration in bio metric systems and entering in the attendance catalog in different physical locations is the current system used in all the colleges. The long queues in front of the attendance machine at the time to come to work and leave work. In this study, we proposed a system in which staff can give their attendance through android phones by connecting to college WIFI, we can trace staff location by GPRS which will be stored at portal. We also include several modules like leave model, event management, news feed, syllabus, time table, allocation of staff for supervision.

1. Introduction

Manual registration in bio metric systems and entering in the attendance catalog in different physical locations is the current system used in all the colleges. The long queues in front of the attendance machine at the time to come to work and leave work. In existing system leave process done through paper work as well as web application is also use but in web application notification system is not introduce hence they have to inform manually that leave application has been send. In event management notice has to be circulate to every staff manually. In staff allocation for supervision exam section head has to give notice to every staff and acknowledgment is not receive to head in existing system. In implemented designed an android application in which staff can give their attendance through android phones by connecting to college WIFI, we can trace staff location by GPRS which will stored at portal. We also include several modules like leave, event, news feed, syllabus, time table, allocation of staff for supervision.

2. Related Works

In the current work all process is writing on the paper. The whole session participation is put away in records and at the last session the reports are produced. Representatives are not concerned in which producing report amidst the session or according to the prerequisite on the grounds it takes additional time in computation. At the end of session the employee who don't have Easygoing Leave and Restorative Leave will get a notice. There are several phases in this project paper.

The first phase is to collect various issues contained in attendance system that exist. Various problems include the limitations of existing attendance system manually and electronically. We are collecting the problems and limitations, after that we design an attendance system that is precious, efficient, and dynamic. The second phase is to perform a variety of literature related to attendance systems, biometric methods as user identifier concerned, and mobile systems to be used as a platform for the attendance system. The reference collected by searching online, online journals or obtained by finding the appropriate studies related objects on the internet, while the offline method gathered from various media such as books.

3. Proposed Work

A. Architecture diagram

4. Modules

1) Attendance module

In this study, we proposed a system in which staff can give their attendance through android phones by connecting to
college Wi-Fi, we can trace staff location by GPRS which will be stored at portal.

2) Leave module
   In leave module whole process of leave application is done. If a specific staff wants to take leave for day or half of day they can take through our system, the leave application will pass through 2 phases i.e., HOD and Principal.

3) Event module
   In this module college level event can be manage. Event notice will be sent to staff. Staff will get notification about event through application instantly.

4) News feed module
   In our system staff can get department wise news through these module and these news will be change automatically.

5. Implementation

   In this application the smart phone user first login to use this application, then they inserts their information in the application. In this application staff can give their attendance through android phones by connecting to college Wi-Fi, we can trace staff location by GPRS which will be stored at portal. In leave module whole process of leave application is done. If a specific staff wants to take leave for day or half of day they can take through our system. The leave application will pass through 2 phases i.e., HOD and Principal. We also include several modules like, news feed, syllabus, time table.

6. Conclusion

   The application is user friendly with several features and some basic and small requirements. No need to maintain several records and manual calculation. 24*7 availability of information. In one sentence it is simple, handy, effective, creative and advanced software that bring ends to the time consuming problem.

7. References


