

Online School Managerial System

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Abstract: It is a web application based software. In this, instead of reviewing lesson-plans by direct visit, higher authority can verify those lesson plans prepared by staff through web. In the existing system, higher authority needs to move directly to schools to verify the lesson plans. Nowadays the higher officials might miss to check the records properly. To overcome this drawback, the proposed system is used to maintain the records properly and it is to be periodically checked by the higher officials through web. With this, the proposed system, it provides the users to update the demands in their schools and it allows the staff to update any programs they are going to conduct. The staff module is extended by adding the details of the staff which gives years of experience of the staff, number of transfers they had and also the list of schools from which they transferred. To reduce the effort of users, instead of referring the actions taken by the higher officials through accessing the web page, text message is received by school admin when the higher officials take action according to the reports posted by the schools.

Keywords: Web Page, Web Application, staff, AEEO, Admin

I. INTRODUCTION

Now a days, each and every schools manage their records manually. If they want to know the marks scored by their school students, they need to refer the records in which the marks stored manually. And also if they want to get the details of their school staff, they have to search the old records from top to bottom in their racks. It is very difficult to maintain such records in that manner.

The main objective of online school managerial system is to maintain the details of the students and their school staff in a webpage itself. To reduce the effort of the staff to search the marks obtained by the students in every examination. If we take any government schools, they don't have any separate website for uploading the events which they are going to organize. They even don't have any interaction with other school events. If they are going to conduct any awareness program, that also will get dumped in to their school itself. To avoid from being like this, online school managerial system

provides the platform for uploading the events which is to be held in all schools.

The system also helps to report any insufficiencies in their schools. The head master/head mistress need not go to the AEEO office directly to complaint about their insufficiency. If they have the proposed system, they can report their complaints in to their school profile itself. The system provides the separate profile for each school in the webpage. In their school profile, staff can upload the students' marks obtained by them for each term test. And then also, the schools' head masters/head mistress can upload the details of their school staff in which the details like subject they are handling, their working experience, for which standard they are handling the class etc.

Apart from uploading the events, reports, staff can also upload their lesson plans in their school profile itself. In that, AEEO can verify the lesson plans uploaded by the staffs in the webpage itself. The higher authority don't need to go to the schools to verify the lesson plans prepared by the staff.

Instead of verifying the lesson plans by making a direct visit, they can verify it through the webpage itself. Now the seniority of the staff provided only by referring the records manually. But with our new system, we can know the seniority of the staff automatically once we registered the user details. And also it provides the allowance of the staff. That means, based on the working area of the staff, the allowance will be added to their payment. In our proposed system, once we entered the working place of the staff, it will automatically get updated with the allowance of the particular staff.

Most of the higher authority does not able to visit all the schools to verify the lesson plans. It takes lot of time for all of the officials. It also make the process harder. In this, they have to visit the schools directly and then they have to refer the lesson plans prepared by the individual staff. After all of these process, they will authorize those lesson plans with their signature. It makes the process longer to verify them. By using the new system, the higher officials can refer the lesson plans, students' mark list, seniority of the staff, allowance of the staff through the webpage itself.

II. EXISTING SYSTEM

Now a days, staff need to prepare the lesson plan manually. The higher authority need to go to the schools directly for verifying the lesson plans of the staff. After verifying the lesson plans, they have to authorize those verified lesson plans by their signature. It takes a lot of time to complete the complex task. Government schools don't have a separate website for uploading any events if they are going to organize in their schools. So that, they don't have any way to create awareness among the different schools.

And one more point is there, that is the school management have a great need to report the insufficient facilities in their schools to the office. So it takes a big process for satisfying each and every schools' needs. First the school head master/head mistress would want to report by making a direct move to the office. Then the officers have to view the reports submitted by the school management and they have to take action according to the complaints of the staff. It makes each and every school management unsatisfied.

AEEO makes the manual reference for the seniority of the staff. They have to provide the post for the staff by making a reference of records in which the details of the staff stored manually. This process makes a delay for providing the gathering and providing the details about the staff.

III. PROPOSED SYSTEM

The proposed online school managerial system will make the whole application process very easy and user friendly. Each and every schools will be provided with the separate profile in the webpage. There are two different users for each schools. One is staff, they can register the details of the students. They can also update the marks obtained by each students. First of all, before all the process, the staff has to enroll their names with the subject they are handling and

standard in which class they are handling. Another user is head master/head mistress of the school.

The higher authority can upload any events they are going to organize in their schools. Events means whether it could be any functions or any awareness programs. By posting the events, the system improve the interaction of the other school participants and create the awareness among the government schools. They can also post any reports in their school profile. Reports means complaints about the insufficient facilities in their schools. By using this way, the proposed system can reduce the time taken by the higher official to satisfy the insufficiencies in the school.

In this, the second user has both read and write permission to the webpage. They can view the details of the working staff in their school. They can also view the student' marks and their details. And they refer whether the lesson plans are uploaded by their school staff periodically or not. They can upload the reports if they have any insufficiency and they can update the events if they are going to organize newly in their schools. Thereby, it can enhance the awareness of that particular event to other school students.

The third major user is AEEO, who is common for all the schools related to the particular district. AEEO has only the read permission to all the details. They can only access the details of the particular schools' staff and students. They don't have the right to modify those details. Only they can view the details of them. Once the user entered the details of them, according to their posting, the seniority will be provided. The seniority is fully based on the years of experience, date of joining of the corresponding staff.

This system has very good GUI so that a novice user do not feel any operational difficulties. This system mainly concentrated in designing various reports requested by the users as well as the higher authorities. This system maintains a trust between the higher authority and the staff of the school. Seniority of the staff based on the years of experience, date of birth, number of transfers the staff had. Allowance based on the working place of the staff. If the place is in hill areas, the allowance would be high when we compared with village or town.

MODULES DESCRIPTION

STAFF MODULE

The staff can log into the system by the user-id, password provided and perform the following functions such as uploading syllabus, events, marks, searching, profiles, and posting reports.

ADMIN MODULE

The admin can login to the system by using his username and password. Admin is able to update the database of the students and the staff. The Admin maintains the staff profile or record such as uploaded lesson plans by the staffs. The Admin can also replace one staff by another one if they needed for the particular subject.

SENIORITY MODULE

It requires the staff details like date of birth, years of experience, posting, date of joining. Based on these requirements, seniority is afforded to the staff.

ALLOWANCE MODULE

Allowance is given to the staff additional to their payment. Based on the joined place, current working place of the staff, allowance is provided to them. In this, it gives the allowance to each staff of the different schools.

NOTIFICATION MODULE

In authority module, once if the user posted any complaints, they need not to check whether the given actions are taken by the higher authority or not. User automatically get notified by receiving the text message through the website.

IV. CONCLUSION

This paper reviews the school management services and this implementation improves the quality of the government schools in India. Online school managerial system provides the better delivery of services to the schools' staff, head master / head mistress, AEE0. To reduce their effort to make the verification process, uploading process and updating process of the school people and also it increases the greater convenience to the users.

V. FUTURE ENHANCEMENT

Entry of details of the staff need the authentication for those details registered by the staff. So that, it includes the scan option for all the original documents uploaded by the staff. Then only the seniority will be provided for the staff approximately. Now the proposed system covers only the

particular area of the schools. Now our proposed system will be extended to cover all the government schools over Tamilnadu. The centralized system will be executed over the web services provided for all the government school.

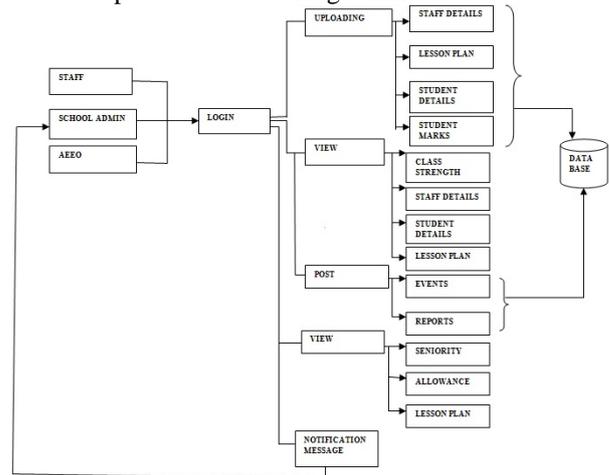


Figure 1: Architecture Diagram For Online School Managerial System

REFERENCES

- [1] Aslina saad, Prof. Paul. W. H. Chung and Dr. Christian Dawson "Paper Title" The Development of Lesson Planning System Based on Case Based Reasoning(CBR) Concept: The Methodology, IADIS international Conferences informatics, wireless application and computing 2015 and telecommunication ,network and system 2015.
- [2] Deepak kumar" paper Title "Best services for building RESTfull web services, external@infosys limited, 2015.
- [3] Davis, J. and Merritt, S. (2011) the web design Wow! Book: showcasing the best of On-screen Communication. Berkeley, CA: Peach pit Press, 2014.