

NO DUES ADMIT CARD ONLINEMANAGEMENT SYSTEM

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ABSTRACT

This undertaking is gone for building up an Online Enlistment Framework which provides a convenient way for the students to check about their "Admit Card". Few elements of this framework will be online checking of their status of dues and clearing it online only instead of visiting to Account department, Library Department, Sports Department, Chemistry Labs, Physics Labs, Computer Labs, Canteen and Head of Department for clearing their dues and for their signature respectively for getting their own Admit Card before each and every university final exams(external exams) , also the admit card could be downloaded from the net itself if all the dues are clear. Here student work is effectively reduced thus they can sit at home and concentrate on their studies instead of going to college just for the sake of signature as in most of the cases student don't have any dues. Here if they have some kind of dues they can clear it online itself which makes it more convenient. Thus not only the labor but also the time of the students is saved. This task 'No Dues Admit Card Online Framework' is an online site where all the information of students is automatically fetched from the database for the sake of checking of no dues by Head of Department or by the student. All access to upload "Admit Card" is given to Head of Department and according to their records the HOD can upload his/her Admit Card. The main idea behind the online "NO Dues" is to help students to get their admit card effectively in less time.

1. INTRODUCTION

This undertaking Online "NO-Dues Admit Card" Project is a kind of an online site where the University Student can visit to their student portal online and can check their NO-Dues Status, pay for their Dues Online and directly can apply for "Admit Card" and go to the exam easily. Online Enlistment Framework gives online help to the University Student. Such sites have facilities where imminent Student can regularly check their Status rather than visiting to Account department, Library Department, Sports Department, Chemistry Labs, Physics Labs, Computer Labs, Canteen and Head of Department for clearing their dues and for their signature respectively for getting their own Admit Card before each and every university final exams(external exams). For this Student can directly pay their dues online and can download admit card uploaded by the respective HOD of each branch. Presently this is conceivable in a small amount of time. Everything is done online without consuming much time. This online No-Dues Admit Card System have idea of each and every student status about any kind of No-Dues (i.e. tuition fee, hostel fee, canteen dues, sports equipment or breakage dues, all labs equipment breakage dues etc.). All access to upload admit card is given to Head of Department. A student with failure in paying dues, for that Admit Card would be not uploaded by the respective HOD. The main advantage of this online "No-Dues" system is that a student has not to run to each and every department for their confirmation signature, it simply saves the unnecessary wasted time of Student.

2. LITERATURE REVIEW

According to my survey, students have to visit each and every department to get a signature on their no dues form from their respective authorities of the department at the end of each semester just to clear their dues. This work is done manually going to each department which consumes a lot of time in the whole process. Many universities and institution still following the paper form no dues submission then only a student can avail admit card, so that he/she can gave his/her exam. A limited number of solutions are being designed for such a problem till date. Mr Ankit Kumar Chodhury, Mr Saket Singh, Ms Chandreleka[1] provides solution of clearing dues using online web-based application software to the employee of company who is resigning. According to them this is usually use Department module, Fee-section Module and Library Module. In which Library Module and Fee Module send the acceptance notification to the department Module, if the student doesn't have any notifications or issues. Wherein it states that department module checks the status of dues for the particular student in library and Fee department. Their research work is not completely solving a problem of the people. Here it is not clearly mentioned that this online no dues web-based application is for the employee of company or the for the student of the institution. Therefore their work has some loop holes and hasn't clarifies in detail that how a user would get benefited from their web-based no dues management system. Still there are many problem to solve like we have many department in a company or in a institution. In a company we have HR, ADMIN, TECH DEPARTMENT. Where in an institution we have Account,

Library, Sports, Chemistry Labs, Physics Labs, Computer Labs, Canteen and Head of Department(HOD). Nothing is mentioned about these in their work, how they will coordinate with each other.

Considering the actual problem of the students in an institution, We tried to solve this problem which is the biggest problem of each student about clearing their dues online itself. We tried to generalize the project as everyone from their respective department is performing some task. We build up an Online Enlistment Framework which provides a convenient way for the students to check about their "Admit Card". Few elements of this framework will be online checking of their status of dues and clearing it online only instead of visiting to Account department, Library Department, Sports Department, Chemistry Labs, Physics Labs, Computer Labs, Canteen and Head of Department for clearing their dues and for their signature respectively for getting their own Admit Card before each and every university final exam. This task 'Online No Dues Framework' is an online site where all the information of students is automatically fetched from the database for the sake of checking of no dues by Head of Department or by the student. All access to upload admit card is given to Head of Department and according to their records the HOD can upload his/her Admit Card. The main idea behind the online "NO Dues" is to help students to get their "admit card" effectively in less time.

3. EXISTING SYSTEM

As it is done physically thus it is time consuming for students. Even if their dues are clear they have to go to each and every faculty just for the sake of signature which increases their work in every semester. Thus we need a framework where time of students could be saved and we can make this easier for students so that the output of the students could be increased. This undertaking is gone for building up an Online Enlistment Framework which provides a convenient way for the students to check about their "Admit Card". Few elements of this framework will be online checking of their status of dues and clearing it online only instead of visiting to Account department, Library Department, Sports Department, Chemistry Labs, Physics Labs, Computer Labs, Canteen and Head of Department for clearing their dues and for their signature respectively for getting their own Admit Card before each and every university final exams(external exams), also the admit card could be downloaded from the net itself if all the dues are clear. Here student work is effectively reduced thus they can sit at home and concentrate on their studies instead of going to college just for the sake of signature as in most of the cases student don't have any dues. Here if they have some kind of dues they can clear it online itself which makes it more convenient.

4. PROPOSED SYSTEM

System Designing the initial phase of the project development. In this phase we have to collect the raw data and figures, regarding the problem we are going to solve for the students of an institution. After talking to many students and respective authorities of the department, we have identified the genuine problem of clearing no dues at the end of each semester by visiting manually to their respective department, to get a signature over the no dues form. Afterwards only they can get admit card for the exam, which again they have to rush to the particular HOD Department for collecting it manually from them. In this process a lot of energy and time got wasted, as some of student has no dues as they already paid everything in advance but at the time of the university exam, rather than studying at the last moment they have to visit campus and follow the complete procedure to get the admit card manually. In this process approximate whole day goes in vain. So, problem got identified. Next phase is designing a system using the context diagrams and data flow diagrams so that a well-documented project is created which is can be enhanced in future according to the demand. After analysis and designing data flow diagrams for the HOD (Head of Department) Module, Student Module, Teacher/Faculties Module, Database Module.

Project is divided into different levels as :-

Level 1 for the Home Page:- In this flow diagram, It consist of Student Login and Faculty Login.

Level 2 for Student Login:- In this flow diagram, It consist of Student Information as Student personal information along with all dues information which is collected from the common database, which display everything about an individual in the specific login. In his/her login, he can check the dues amount and clear it online there itself, rather than visiting to the campus manually. Once everything is paid and payment details are up to date, After the declaration of exam date HOD will approve admit cards of all the students after login to their own panel. Once HOD approved the admit cards, all the admit cards will be available to their specific accounts. In the student login, Student can download admit from their itself as no need to go to collect it from the hod manually.

Level 3 for Faculty Login:- In this flow diagram, It consist of all faculties login as ADMIN Login, HOD Login, ACCOUNTS Login, LIBRARY Department, SPROTS Department, CHEMISTRY Labs, PHYSICS Labs, COMPUTER Labs etc. Once a faculty login to their respective login, their panel is customized according to their roles, so that a smooth functioning of system takes place. In Admin Panel, Adding Student and faculty data feature is

provided, Managing database using hibernate through the admin panel. In HOD panel, HOD has given access to release the admit for their respective department. And also has access to the release an individual's admit card, if someone's dues are also not cleared. HOD on his behalf can release admit card of such defaulter. In Accounts Login, It holds complete data of all students about the fee submitted and pending dues. Their database is common database of this online web-based no dues admit card project. In Library Department, it contains the details of the book issued along with the dues amount of the book to their respective student, once a student returns the book back to library, library faculty removes the book from the specific student log and also dues automatically cleared with respect to that book. In Sports, Chemistry, Physics, Computer Lab Login, In these logins, for sports login items like cricket bat, ball, football, stumps. For Chemistry and Physics items like beaker, tubes, screw gauge, meters etc. For Computer Lab items like keyboard, monitor or any other damaged items, can be added as dues to the individual student account. These all dues from the respective department would be displayed in the student panel. Student can clear it by paying them online by login to their respective login.

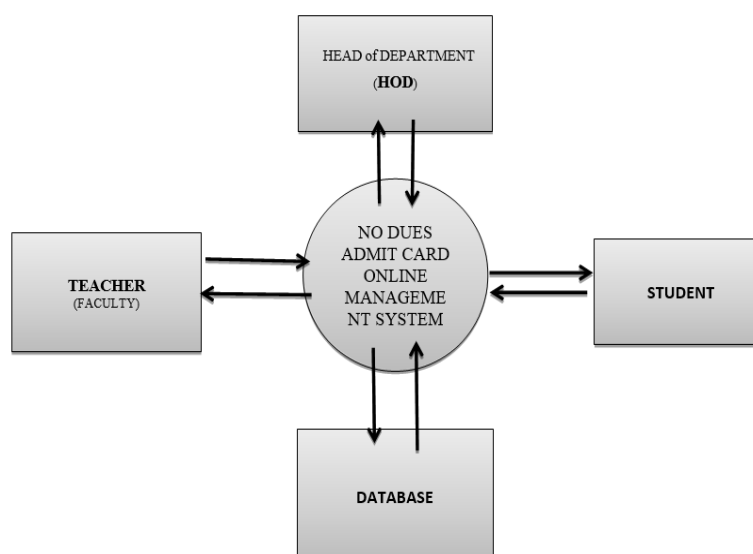
5. MODULE IN THE TASK

HOD- Head of Department can access all the information of the students and accordingly can upload their admit cards. All the access regarding to uploading the admit card is given to HOD only. Even if all the dues are clear still HOD can hold the uploading of admit card.

TEACHER- They can access only some specific information of the student for example sports teacher can access only about the person sports no dues. Here teacher also can overhaul the information they can access (i.e. sports teacher can change the status about sports dues only). And the change of information is done in database only.

STUDENT- He/She can see his/her all the records (i.e. Account department, Library Department, Sports Department, Chemistry Labs, Physics Labs, Computer Labs etc.) and can check their "Dues". If there is any due he/she can online pay it and can clear it. If there is no dues he/she can download his/her admit card effectively.

6. CONTEXT DIAGRAM



7. FEASIBILITY STUDY

This project is created after a well-defined feasibility study. In this feasibility study, we aimed to remove the weaknesses of the already existed projects in terms of the manual work, technical support, operational support, secured, integrity of data and well-defined structure by providing the roles to each individual in the project.

8. CONCLUSION

Present day we use manual procedure of clearing no dues is by visiting to Account department, Library Department, Sports Department, Chemistry Labs, Physics Labs, Computer Labs, Canteen and Head of Department for clearing their dues and for their signature respectively for getting Admit Cards before each and every university semester final exams (external exams) and after that only we can get our admit cards. And thus for the sake of understanding the need of simple and easy procedure of clearing no dues this site has been developed. Through this site the upgradation of data and admit card has become easier. The fundamental components of this site incorporate adaptability, simple to control information's, simple access looking, helpful, dependable, convenient approach for uploading admit card and clearing no dues. The undertaking could possibly be improved further according to the prerequisites.

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