WEB BASED ADMISSION COUNSELLING SYSTEM

Bindushree D C  
School of Computing & Information Technology 
REVA University 
Bengaluru, India 
bindushreec@reva.edu.in 

Sawan Kumar  
School of Computing & Information Technology 
REVA University 

Sachin Kumar  
School of Computing & Information Technology 
REVA University 

Rajeev C V  
School of Computing & Information Technology 
REVA University 

Rahul Kumar  
School of Computing & Information Technology 
REVA University

Abstract— Now a day’s people have a tendency to pursue their higher education. During this transitional stage, people might get distracted from their objectives or attainment of incorrect data from different source. This induces the need for the counselling as an important aspect of the current scenario. Counselling paves a way of interaction between the students and the management of an institution. This also helps to provide the students the prospectus of the different courses. Web Based Admission Counselling System is developed to enrich the undeviating counselling process. The existing process comprised of a lot of redundant data where the manipulation of the data was compromised. Labor-intensive record maintenance also surfaced various problems like security issues. This can be overcame by the WBCS by simplifying the process and diminishing the manual paper work. It also condenses the travel expenses, and time.

Keywords— Counselling, Transition

I. Introduction

We have come a long way in technological advancements during the era. In spite of adapting those technology we have kept it delaying for a decade. We still use those old school System for counselling students for college admission.

We just need to use the pre-existing tools/technology to build an Web based counselling software which can ease the functioning of E-Counselling and provide students with adequate information about the institutes they wish to join.

II RELATED WORK

The goal of the paper is to design an application useful for the student admission system. As Automated Online College Admission Management System, it contains the details of the grades, documents that needs to be uploaded, the process of the admission of the student.

The procedure to be followed by the students are:

• In the first page of the system application, Login.
• Modify any details.
III. SCOPE OF RESEARCH

a) Problem definition
Now-a-days the counselling process of a student for the admission is carried out manually which is both time consuming and stressful. Therefore it can call for a need to design the online student admission management system to speed up the process and ease it. This system works online beginning with the initial admission of the student in the first year by allotting them the desired branch based upon their choice and prioritizing on their CET rank and cross verifying their supporting documents. This will be followed by the fee payment, generating the receipts for the payment, this step is concluded by storing all these supporting documents in the folder dedicated to each student provided with the unique PRN.

b) Objective
The main objective of this work is to reduce the stress and workload of the personnel involved in the admission process and also ease the process of counselling.

The process can be breakdown into:

- Provision of counselling to the students should be provided.
- Management of the database using the higher secondary results, CET rank, Entrance examination results, and assign them PRN.
- Allocation of the students with branches as per the merit obtained.
- Database of the student’s branch wise to be maintained

IV. PROPOSED METHODOLOGY AND DISCUSSION

a) Need of proposed system
The main purpose of the system is to establish a proper communication. The manually generated database can be stored into a database and the authorized persons can have access to it. The other advantages are that huge voluminous of data can be stored conveniently, modified with accuracy with less strain and in less time.

b) System design
The system design comprises of one database with student information, the student section deals with the counselling process including verification and validation process and admin section with access permissions.

Fig. 1- System Architecture

Fig. 2- Detailed flow graph

1) Student: The student login with user ID and passwords provided by admin, after the login process they can start with their counselling process. In this they need to enter their three branch preferences within the time limit and upload their documents for verification. The confirmation will be shared with them.
2) Administrator: Admin is the important role as he control almost all the units of the entire process.

The administrator is accountable for incoming of the new student, by allotting the distinct login id to each student. The modifications with respect to any of the details of the student records, any updating of the records is carried out by the admin.

V. EXPERIMENTAL RESULTS

In this online system, the details entered by the user is processed and after the execution the result is acknowledged to the parents or students.

a) Login module:

The input is given in the form of details of students like academic summary though satiating the admission form. Then the acknowledgment is generated. Testing is carried out to validate the documents.

b) Analysis of the database:

Once the admission process is initiated, the document verification is done and the documents are uploaded in the PRN provided by the admin. The acknowledgment is rendered. Based upon the choices of the students, the counselling process begins branch wise.

VI. CONCLUSION

This paper focuses on the implementation of the entire process online, which tremendously reduces the paperwork carried out during the process. This in turn saves lot of time, which in turn is consumed in the retrieval of the data at any point of time. The modifications carried on the database will be error free and can be updated with the minimum error rate. This also in turn speed up the process of admission, where the management will be able to address and accommodate the students less in time, based on their preferences.

ACKNOWLEDGMENT

It’s the token of gratitude as well as the appreciation expressed to all the people who helped us in the compilation of this paper. In this regard we would like to express our sincere gratitude to our mentor, Prof. Bindushree D C for her utmost support and guidance. We shall always be thankful to her for her valuable suggestion and guidance in every step of the compilation. The valuable discussion we had with her, the penetrating questions he had put to us, has all let to development for this Research paper.

REFERENCES


The admission procedure begins with the processing of the documents verification, fee details, and acknowledgement.

Retrieval of the data from any section is easier.

Fig. 4- Online Counselling