



WEB BASED ADMISSION COUNSELLING SYSTEM

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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 overcome 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.

This tool is capable of holding the details of students including the fee payment, admission, files or documents. This database is designed to consider the management of the student data focusing on: Admin and Students.

The database comprises of step by step process designed. Interaction of both students and parents with the management digitally reducing the paperwork is the main intention of this paper. This system is beneficial for the administrator to validate the documents of the students. This Automated Online College Admission Management system helps the admission personnel to post the notifications and send the messages which reach the parents and students directly. The idea of Personal Registration Number or PRN is introduced where each student gets one unique identification. This ID will allow to access the details of any particular student.

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.

- Press HELP for any assistance to explore other features.
- Admin login give the access permission to the admin to all the details of the database.

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

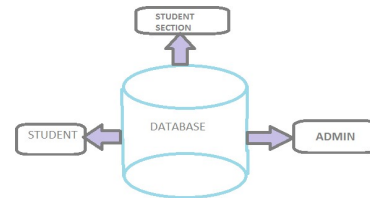
The main purpose of the system is to establish a proper communication. The manually generated database can be stored into a database and the authorized persons can have access to it. The other

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



c) The detailed flow graph

The data flow graph contains the student information through a proper interface for the students, and admin. Every user is provided with the username and password by the admin. The home page comprises of login through which student and admin

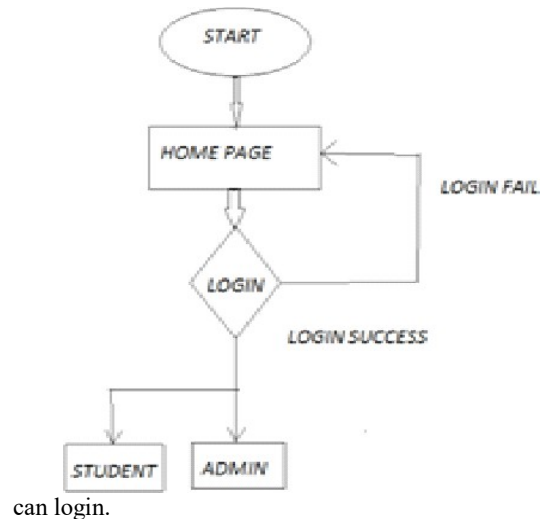


Fig.2- Detailed flow graph

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.

The image shows a login form on a yellow background. It contains the following fields and options:

- NAME: [text input]
- MOB. NO: [text input]
- USERNAME: [text input]
- PASSWORD: [text input]
- CONFIRM PASSWORD: [text input]
- Gender: Male Female Male
- LANGUAGE: Hindi Kanada English
- ADDRESS: [text input]
- Buttons: Reset, Register

Fig.3- Login Page

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

c) Allotment of Branch module:

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.

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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

Name	Rank	Age	City	Country	Counselling Date	University Seat No.
Mr. Mehul	a1	21	pune	India	2017-03-31	123

Sr.No	Branch Name	Total Seats	Available Seats
1	Computer	134	134
2	Information Technology	130	129
3	Electricals	120	120
4	Electronics	120	120
5	Mechanical	240	240
6	Civil	60	60

Sr.No.	Branch
1	Computer
2	Information Technology
3	Mechanical

Submit Reset