

ANALYSING DATA FROM STUDENTS FOR CHOOSING COURSES USING AI

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Abstract—This paper will propose a method for College administration system. It is user interface for controlling all the function that happens in the College. This application is aimed to develop College administration application software which can streamline the administration of the College. It is often felt that the College management is chaotic in nature. It can be used by educational institutes to maintain the records of students and faculties easily. This main object is list out the students by mark wise. In that list, the marks will analyse the confirmation of seats. That confirmation had send in this website and Mail Intimation at Correct time and date. After the confirmation of seats, the students will pay the amount. If the students dosent pay the amount means it will be pass the next next students automatically. The management gets accurate and up-to-date information regarding a student academic career is important in the Colleges and College administration system that deals with all kind of College details such as academic related reports, student details, faculty details and other resource related details too.

Keywords—College Administration, College Management, Student details, Faculty details.

I. INTRODUCTION

College Admission Software is web enabled software designed to manage the entire Operations of an institution. College Management Software is a simple yet powerful one joint integrated platform that connects all the various departments of an institution like Administration, Account, Student section, Student and many more specialized modules. We have seen over the years that the process of notice boards, important notification about academics has been carried out manually almost across all educational institutions. The process is not only time consuming but also inefficient. Today, we need not to maintain paper based Notice boards. Also in this system we are going to add the web based technology using

which we can get the notifications given by the institutes. Following this thought, we have developed a system based on the concept of web services which is implemented on Android mobile application as well as on PC that communicates with the database residing on a remote server. The Unique ID system provides unique identification numbers to the persons who using this system. UID Number which would not just help the admin to track down individuals, but would make life far easier for users as they would not have to submit multiple documents each time because those will be available and to be used.

II. SYSTEM STUDY

A) Existing System:

To design and develop College administration system which contains up to date information of the College which will improve efficiency of College record management.

Disadvantages:

The admission cycle is lengthy and unmanageable. With the number of admitting applicants increasing every year, the process has become cumbersome too.

It involves bundles of paperwork – right from student lead generation to document collection, selection, and the final admissions, everything applies for time-taking manual work..

B) Proposed System:

In this System, Staff can analysing the new students very easily according to the Students marks.

Advantages:

Admission software has enabled schools to save man-hours of its staff, and eventually additional labor costs.

Lowering prices and increasing applications of admission software will further drive their demand over the coming years.

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III. PROPOSED WORK

A) *Module Description:*

1) *Authentication:*

Authentication module contains all the information about the authenticated Person. Administrator without his username and password can't enter into the login if he is only the authenticated Person then he can enter to his login. Authentication is the process of verifying the identity of a Person by obtaining some sort of credentials and using those credentials to verify the Users identity. If the credentials are valid, the authorization process starts. Authentication process always proceeds to Authorization process.

2) *Course Entry:*

In this Module Administrator Add the Course Information. It Contains Information about the Course id, Course Language, Course duration, Course fees. Administrator can finally store the information in database. Administrator Maintain the Course Details.

3) *View Course Details:*

In this Module Administrator View the Booking Information for User. It Contains Information about the Course id, Course Language, Course duration, Course fees. Administrator only has to permission for book requested Details.

4) *Student Registration / Login :*

Student who want to buy Products should register with website by providing personal details. After the registration, he will be issued with valid user id and password by the Administrator. The Student can log into the system with this user Id and Password. After successfully login into the system, the user moves to the instruction web page where he will get instruction about the process. It makes easy to integrate email and password authentication into your web app. The credentials are not stored in your database. Student Registration Screen Contains Various fields available for Username , Password , Email id, Address, Gender, Contact Number , user Id,password,Pincode,martial, city,etc. They are kept

in a secure database behind the Authentication servers, and stored securely. This separates sensitive user credentials from your application data, and lets you focus on the user interface and experience for your app.

5) *User Login :*

This module contains all the information about the authenticated Student. Student without his username and password can't enter into the login if Student is only the authenticated user then he can enter to his login. Authentication is the process of verifying the identity of a user by obtaining some sort of credentials and using those credentials to verify the user's identity. If the credentials are valid, the authorization process starts.

6) *Apply Course:*

In this module User book the Course Information. It Contains Information about the user id, Course id, Course Language, Course duration, Course fees.

7) *Payment:*

In this module customer view the details and then give the works to the particular employee. The student pay the amount through this option

B) *Software Description*

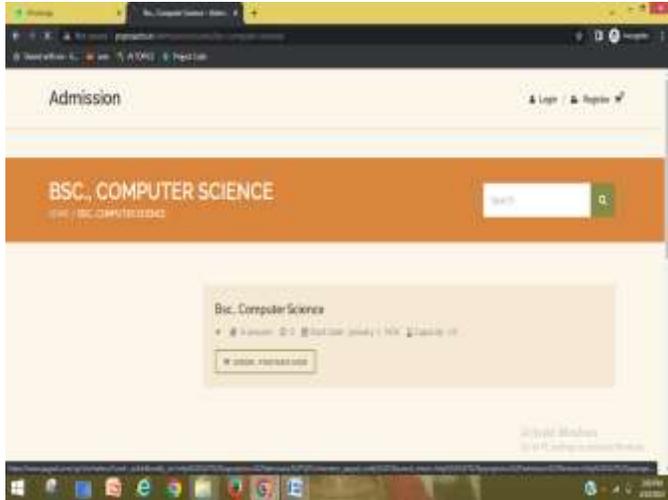
1) *FRONT END: PHP*

PHP stands for Hypertext Preprocessor. PHP scripts run inside Apache server or Microsoft IIS. PHP and Apache server are free. PHP code is very easy. PHP is the most used server side scripting language. PHP files contain PHP scripts and HTML. PHP files have the extension "php", "php3", "php4", or "phtml".

Generate dynamic web pages. PHP can display different content to different user or display different content at different times of the day Process the contents of HTML forms. We can use an PHP to retrieve and respond to the data entered into an HTML form. Can create database-driven web pages. An PHP can insert new data or retrieve existing data from a database such a MySQL.

PHP is a standard HTML file that is extended with additional features. Like a standard HTML file, PHP contains HTML tag that can be interpreted and

5) Admission:



6) Admission:



V. TESTING METHODOLOGIES

System testing is the state of implementation, which is aimed at ensuring that the system works accurately and efficiently as expected before the live operation, commences. It certifies that the whole set of programs hangs together System testing requires a test plan, that consists of several key activities and steps for running the program, string, system, and user acceptance testing. The implementation of a new design package is important in adopting a successful new system.

Testing is an important stage in software development. The system test's implementation should be a confirmation that all is correct and an opportunity to show the users that the system works as they expected It accounts for the largest

percentage of technical effort in the software development process.

The testing phase is the development phase that validates the code against the functional specifications. Testing is vital to the achievement of the system's goals. The objective of testing is to discover errors. To fulfill this objective a series of test steps such as the unit test, integration test, validation, and system test were planned and executed.

1) UNIT TESTING

Unit testing is testing changes made in an existing or new program this test is carried out during the programming and each module is found to be working satisfactorily. For example in the registration form after entering all the fields we click the submit button. When submit button is clicked, all the data in the form are validated. Only after validation entries will be added to the database.

2) VALIDATION TESTING

Software validation is achieved through a series of tests that demonstrate conformity with requirements. Thus the proposed system under consideration has been tested by validation & found to be working satisfactorily.

3) OUTPUT TESTING

Ask the user about the format required by the tests and the output generated by the system under consideration. It can be done in two ways, one on screen and the other in printer format. The output format on the screen is found to be correct as the format designed n the system test.

4) TESTING RESULTS

All the tests should be traceable to customer requirements the focus of testing will shift progressively from programs Exhaustive testing is not possible To be more effective testing should be which has a probability of finding errors.

The following are the attributes of a good test

1. A good test has a probability of finding a errors
2. A good test should be “best of breeds”
3. A good test to be neither simple nor too complex.

5)SYSTEM IMPLEMENTATION

System Implementation is the stage in the project where the theoretical design is turned into a working system. The most crucial stage is achieving a successful new system and giving a user confidence in that the new system will work efficiently and effectively in the implementation stage.

The stage consist of

1. Testing a developed program with sample data
2. Detection and correction of error
3. Creating whether the system meets a user requirements
4. making necessary changes as desired by users.
5. Training user personal

The implementation phase is less creative than system design. A system design may be dropped at any time prior to implementation, although it becomes more difficult when it goes to the design phase.

VI. CONCLUSION

The “Analysing Data From Students For Choosing Courses Using AI” has been developed to satisfy all proposed requirements. The process is maintained more simple and easy. The system is highly scalable and user friendly. Almost all the system objectives have been met. The system has been tested under all criteria. The of the database is flexible ensuring that the system can be implemented. It is implemented and gone through all validation. All phases of development were conceived using methodologies. User with little training can get the required system minimizes the problem arising in the existing manual system and it eliminates the human errors to zero level. The design report. The software executes successfully by fulfilling the objectives of the project. Further extensions to this system can be made required with minor modifications.

FUTURE ENHANCEMENT

University admission or college admission is the process through which students enter tertiary education at universities and colleges. Systems vary widely from country to country, and sometimes from institution to institution. The college admission essay gives the university a chance to

gain an understanding of the applicant that may not be apparent in other portions of the application, such as admissions tests scores. Admission software has enabled schools to save man-hours of its staff, and eventually additional labor costs. Lowering prices and increasing applications of admission software will further drive their demand over the coming years.

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