College Activity Club

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Abstract: *The Project is Entitled as "COLLEGE ACTIVITY CLUB". The main purpose for developing this project is to manage the event data wise. COLLEGE ACTIVITY CLUB is an online event management system software project that serves the functionality of an event manager. The system allows registration for Student, Staff. The new user can register in the application according to their category like student can register in student portal staff can register in staff portal staff can control the entire activity and upload the event details in the application. Staff will upload the program in two ways Events, and Club. Upcoming events will be uploaded in the Application and also it maintains the Completed event in the program field. Club will maintain some particular events like (NCC, NSS, Nectar, Chetna Women's Club and Road Safety Patrol). Students can register and view the upcoming events and club details in the application. Students can participate in the event by selecting the programs which are uploaded by Staff. And also, they can join the club through online. All events will be managed by students and staff can have an update about the events and club activities. The Project titled "COLLEGE ACTIVITY CLUB" is developed with PHP as front end and MYSQL as back end.*

Keywords: HTML, My SQL, PHP, College Activity, Clubs, Events.

I. SYSTEM SPECIFICATION

1.1 Hardware Specification

- CPU   : Intel(R) Core
- RAM   : Minimum of 2GB RAM
- Monitor   : 15" Color Monitor
- Keyboard   : 108 Multi keys
- Mouse   : Optical mouse

1.2 Software Specification

- Operating System   : Windows Family
- Front End   : PHP
- Back End   : MY SQL

1.3 Software Description

Language: Software selection is the critical aspect of the system development. So it is Important to select the perfect hardware configuration and software to develop the project.

A. PHP:

Up till recently, scripting on the web was one thing that only a few folks even tried, including perfect. Recently tho', a lot of and a lot of folks are building their own websites and scripting languages became a lot of necessary. attributable to this, scripting languages are getting easier to find out and PHP is one among the simplest and most powerful nonetheless. PHP stands for machine-readable text Preprocessor and may be a server-side language. this implies that the script is run on your internet server, not on the user's browser, thus you are doing not ought to worry concerning compatibility problems. PHP is comparatively new (compared to languages like Perl (CGI) and Java) however is quickly changing into one among the foremost common scripting languages on the web. PHP borrows a touch of its syntax from alternative languages like C, shell, Perl.

B. MySQL

1.1 Strength: Great Market Penetration

MySQL has the largest market share of any open supply information. nearly any web-hosting company will give MySQL access, and books and articles about MySQL and PHP are abundant.

1.2 Strength: Easy to Get Started

After your information is about up and you have got access thereto, managing the information is easy. Initial access has to be designed by a information administrator (if that person isn't you). Tools like MySQL Administrator or phpMyAdmin allow you to manage your information.

C. WAMP Server

The WampServer (Formerly WAMP5) application was designed to be a Windows internet development surroundings. It permits you to form internet applications with Apache, PHP, and also the MySQL information. It conjointly comes with PHPMyAdmin and SQLite Manager to simply manage your databases.

III. SYSTEM ANALYSIS

3.1 Existing System

At present all the activities in group action area unit handled manually. Manual processing system, whole providing economy, flexibility and adaptableness at low information volumes become additional complicated once the degree of information becomes giant. As a company expands in size and performance, a stage is reached once manual procedures become inadequate and inefficient. in spite of what percentage clerks area unit used a stage is reached then it becomes not possible to order such an oversized quantity of knowledge. what's needed then is AN upgrading within the category of knowledge process technology. the current system isn't ample to carry all the data that's necessary for the process. therefore the library is in want of latest processed system, that is extremely versatile, easy and capable of holding the system in an exceedingly strong manner. the prevailing system is AN computer network based mostly system that is employed by a network with LAN association wherever solely worker of that organization will see the small print and build a meeting.

A. Disadvantage

- It reduces employment;
- Student and employees need to be gift physically.
- The Physical volume of the information is extremely giant.
- The delay in data search and retrieval.
- Accuracy of information is extremely lower in manual system.
- Student can get late updates

3.2 Proposed System

This net based mostly application system is enforced faculty|for school|for faculty} to own college program updates all the time through on-line application. the appliance can enable the new user to register in line with their class. that the employees will have their updates and students will read the forthcoming events and that they will participate within the event with none difficulties. The project provides most of the fundamental practicality needed for an occasion. It permits the user to pick from an inventory of event varieties. The admin can transfer the forthcoming events as programs and additionally maintain the finished events so they'll have all the small print in once application. The will directly be part of the club events like NSS, NCC etc. Club details are controlled by the admin UN agency is a licensed person within the school.

A. Advantages

- Reduce Paper Work.
- The user gets all the resources at one place rather than wandering around for these.

- This system is effective and saves time of the users and admin.
- Computerization can avoids human errors because of ignorance in information entry, manipulation etc.

IV. PROJECT DESCRIPTION

4.1 System Modules
1. Administration
2. Student Registration
3. Staff Registration
4. Event Module
5. Club Module

A. Administration
The administrator can maintain the whole event details. In this, the admin can view the student and staff details. The event fare details can be updated by the administrator. The Admin will play the manager roll. The admin can view the event booked information from the users.

B. Student Registration
Student can register in the application. Once registration is done they can view the upcoming event details and club activities which are uploaded by their college authorized person (admin). Student can participate the event accordingly.

C. Staff Registration
Staff working in the particular college can register in the application and they also can view the upcoming events and student details. Staff members can have the update about the completed event also.

D. Event Modules
Admin will update the upcoming event in the application that the student can view and participant in the event. And also completed event will also manage in the event modules.

E. Club Modules
Club modules will upload the club events in the application. Registered student can view the club events and participate. Student can also join the club accordingly.

4.2 System Design
A. Input Design
Input style is that the method of changing user-originated inputs to a computer-based format. Input style is one in every of the foremost pricy phases of the operation of computerised system and is usually the main downside of a system. within the project, the input style is created in varied internet forms with varied ways.
- Student Details
- Staff details

B. Output Design
Output style typically refers to the results and knowledge that area unit generated by the system for several end-users; output is that the main reason for developing the system and also the basis on that they value the utility of the applying. In any system, the output style determines the input to be to the applying. Within the project, the output style is created in varied internet forms with varied ways.
- View Event
- View Club

4.3 System Testing
A. Testing

The most vital innovate system development life cycle is system testing. The variety and nature of errors in an exceedingly fresh designed system depends on the system specifications and also the time-frame given for the look. A fresh designed system ought to have all the subsystems operating along, however really every subsystems work severally. throughout this part, all the subsystems area unit gathered into one pool and tested to see whether or not it meets the user necessities. Testing is finished at 2 levels -Testing of individual modules and testing the whole system. throughout the system testing, the system is employed through an experiment to confirm that the code can run in step with the specifications and within the means the user expects. every test suit is meant with the intent of finding errors within the means the system can method it.

Testing plays a awfully essential role in determinant the responsibleness and potency of code and thence could be a vital stage in code development. code testing is finished at completely different levels. they're the unit testing and system testing that contains of integration testing and acceptance testing.

4.4 Types of Testing
A. Unit Testing

This is the primary level of testing. the various modules square measure tested against the specifications made throughout the mixing. this is often done to check the interior logic of every module. Those ensuing from the interaction between modules square measure ab initio avoided. The input received and output generated is additionally tested to check whether or not it falls within the expected vary of values. Unit testing is performed from rock bottom up, beginning with the tiniest and lowest modules and continuing one at a time.

The units during a system square measure the modules and routines that square measure assembled and integrated to perform a particular perform. The programs square measure tested for correctness of logic applied and detection of errors in secret writing. every of the modules was tested and errors square measure corrected. They were then found to perform properly.

B. Integration Testing

In integration testing, the tested modules square measure combined into sub-systems, that square measure then tested. The goal of integration testing to visualize whether or not the modules is integrated properly action on the interfaces between modules. the various modules were coupled along and integration testing done on them.

C. Validation Testing

The objective of the validation check is to inform the user concerning the validity and responsibility of the system. It verifies whether or not the system operates as fixed and therefore the integrity of necessary information is maintained. User motivation is incredibly necessary for the palmy performance of the system. All the modules were checked separately victimization each test information and live information. once every module was determined that it absolutely was operating properly and it had been "integrated" with the system. once more the system was tested as an entire. we have a tendency to hold the system tested with differing types of users. The System style, information Flow Diagrams, procedures etc. were well documented in order that the system is simply maintained and upgraded by any pc skilled at a later

V. CONCLUSION

It is ended that the appliance works well and satisfy the tip users. the appliance is tested all right. correct documentation is provided. the tip user will simply perceive however the full system is enforced by surfing the documentation. Thus, the project is completed with success. school Event management system is a vicinity that's growing quickly, and is predicted to own a much better rate of growth within the next decade. school Event management is that the designing and implementation of forthcoming events and club activities within the explicit management. Students will participate within the event by registration. Typical events organized by skilled event managers WHO update all the small print concerning the programs and club activities.

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