



The Application and Development of the Student Society Management System

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Abstract

Student community universities is now one of the indispensable important component in the department, and university college, the students had enough time, part-time in learning outside school can play and other activities, can take part in campus activities in the school. The existence of the club activities greatly improves the students' interest in school and enriches the students' life. In order to facilitate the management of club activities and guide the value orientation of most club students, a set of perfect club management system is very necessary. To this end, I applied MyEclipse technology and the use of Navicat for MySQL database system and Tomcat7 developed based on B/S structure (Browser/Server, Browser/Server structure) college student community management system this procedure. The system is divided into student entrance and administrator entrance, the system is divided into two kinds of end entrance: one is the undifferentiated tourist/ordinary user login port without verification; The other is the administrator's exclusive login port, and the administrator port will enter different edit operation interfaces according to their different permissions. The system includes association home page, announcement information, station news, rules and regulations, association information, association introduction and three kinds of administrator background management. It is easy to use, intuitive, real-time, simple operation, high efficiency. With the help of Sogou browser, we can conveniently browse all kinds of information of the community, and can see all the hot news published in the station and the community news, the news in the station includes the weather, campus fun, entertainment around and hot news to strengthen our understanding of the big and small things around.

Keywords

Student association management system, Design, implementation, MySQL

1. Introduction

This paper is intended to in order to establish a new community management system of colleges and universities, in this new era of economic and the explosive development of science and technology, both at home and abroad, different sizes of club activities to have sprung up, all kinds of club activities in a methodical, and community activities to improve college students comprehensive quality and has a very good role in promoting. Therefore, in order to promote the positive development of community construction, some universities will develop their own community system, while some new schools may not have a suitable system. After consulting relevant papers and periodicals at home and abroad, I found that there are generally flaws in the current and interesting aspects of the community system. In view of these problems, we began to study the new community management system.

2. Background introduction of the system

2.1 Selected topic background

With the deepening of scientific education reform, our country's colleges and universities, in addition to the rigid requirements for students' academic performance, also pay attention to the overall development of students, "bookworm" education is not in line with social development. University is the training ground for students to enter the society, therefore, the vast majority of colleges and universities in our country have launched a considerable number of association activities, through association activities to improve interpersonal communication skills and adaptability. The basic composition of the association is the students. The student representative initiates the application for the association. After meeting the requirements, the teacher agrees to establish the association, and absorbs like-minded students to join in and carry out the association activities together. Since club system in colleges and universities to establish, appear all sorts of advancing with The Times of the society, in the wake of time development and the national hot spots, make you learn at school and at the same time, edify sentiment and give their mix a relaxing space, so it is advantageous to the school education also can ensure that the students always have plenty of energy and enthusiasm so as to improve the quality of school education.

However, nowadays, the society activities are diverse and the era is developing rapidly. The usual paper-based society office can no longer meet the growing needs of students' interests and hobbies. The operation of old-style club activities is far less rhythmically responsive to the changes in activity notification and the information of the person in charge. Therefore, in the current information age, if you want to improve the organization management ability and high speed and high quality of the organization development of the association should be combined with the computer, the development of a new stable and easy to operate the association management system.

2.2 The meaning of the topic

The existence of society has been a long time, the first paper recording original club activities due to limited number of students at the time of the traffic inconvenience so students range is very small, by recording turned over to the student movement or verbal warning is more practical and general for community activities, but with the development of The Times, the progress of science, with more and more people to enter the university campus, membership increases, better transportation and the development of off-campus recreational facilities are all signs that the old paper-based club model is no longer applicable. Slowly, therefore, the school the teacher began to combine the club activities and the computer, some community members to make use of computer to control [1], and the area of club activities enthusiasm greatly improved, but the subsequent also appeared many problems, through the literature found that in the face of increasing school community members: 1. The operation of the original community has the disadvantages of large operation load, slow page jump and single system structure. 2. The content of the interface in the system is too simple. Interesting things are not involved in the club, but just a few simple activities notification and club introduction, which makes the club system seem old-fashioned and boring. 3. Complicated operation, many mistakes, no precise allocation of management rights. 4. A small number of teachers lead the majority of clubs. Faced with different kinds of club activities and the scale of activities of different numbers, teachers' work pressure is increased. 5. Freshmen who have just joined the association may not do well in controlling the new environment and new things, with great differences in quality, which makes it difficult for the system to manage them in batches. Therefore, it is necessary to update the community system to make changes and cope with the shortcomings in the past and the difficulties to be faced. First of all, we should increase the interest of the association interface and improve the problem by creating the news section. Secondly, for the management, it is necessary to reduce the pressure of sharing administrators, and different administrators are responsible for part of the community, saving managers' energy so as to facilitate the smooth development of community activities and the efficient operation of the community system. Finally, conditions should be created for the provision of fresh blood to lower the threshold of the community system, so as to obtain more people.

2.3 Main research content

The main research content is defined in the management, the community management and the news layer. The management should reach the mode of different authority, classification and responsibility, and take charge of special personnel. Secondly, for the reduction of the system access threshold, it is planned to use the non-threshold landing method to broaden the face object, and conduct sampling survey to determine the general direction and general type

of each news issue, and conduct the beautification and management of news after determining the classification of news to attract the traffic publicity community [2]. The club management module should successfully add, delete and improve the community reform. The club page is simple and clear. Society activities can be uploaded and downloaded for distribution

3. System requirements analysis

For college community management system, before the production, for the whole system process to have a general grasp, therefore, for ordinary users, after logging into the system, the home page information provides station news, news selected from the recent weather, community activities, entertainment and other hot topics, real-time update. It is convenient for users to browse and understand the latest club activities and can make users feel boring. Scroll the club icon and corresponding club information under the page, click the icon to enter the club, simplifying the user's operation process.

The home page shows all community system columns and their jumps, the overall situation.

The last column of the home page is provided for the administrator to enter the interface, click to enter the personal account and password for system management, management page can operate high-level system change and add.

The first step is for the administrator to log in, enter the administrator interface and login after the community rules and regulations, community type, president information editing and membership users review and approve. You can log out and return to the home page after completing all the audits and actions you need to do.

In the second step, the administrator can change to the home page to check whether the change is successful. The teachers and school Youth League committee can also modify the modified content twice, which is convenient for the efficient operation of the community and the perfection of the release of information.

The design of the system is different from the past. First of all, the purpose of the system is to improve the work efficiency and the scientific nature of the implementation of decision changes. Unlike past the old community management in the number of permissions management, previous club management system management is a school teacher and the school. The teacher in the classroom of increased the pressure of work, and also can make the content of the community to submit by club activities in time not have effective implementation. Therefore, the system is to broaden the scope of management. Make it suitable for students, teachers of associations and the youth League committee of the college, convenient for administrators to negotiate and manage in different positions and from different perspectives [3]. Therefore, the system is given three groups of different permissions and corresponding permissions interface, respectively for the administrator, the school youth League committee and the president. They are responsible for their own personnel changes and information changes. When creating a registered administrator account, set the primary key of the account to avoid duplication.

3.1 Overall analysis of the system function requirements

According to the above analysis, we will make a detailed design. First of all, the general student user interface can view the announcement information, station news, rules and regulations, community information, club news. In the administrator interface, you can see the management editor of the columns mentioned above. When the college Youth League Committee enters the management interface, you can see the information management of the youth League Committee and the community management under its jurisdiction, while the president management interface should see the management options of your own club.

President interface: (1) Personal data management: to edit and modify their own information to facilitate the timely contact of club members or administrators.(2) Association information management: edit the basic conditions of the association under their jurisdiction, such as the association number, type, number of existing people, creation time, etc.(3) Activity information management: the club activity information can be edited and processed.(4) Club news management system: used to scroll the latest club news on the home page of the club system.

The interface of the Youth League committee of the college is roughly the same as the above situation, but some functions are adjusted according to different identities.

4. System architecture design

For this system, before completing the system, the design of the system is determined. First, the database should be established to store the input information for extraction. Here are some design plans of the system and some goals that you have hoped to achieve.

4.1 Overall system architecture design

The establishment of the system should first determine the overall framework, I choose to use MyEclipse to process the system framework, build the beautification first and then create the database, and deploy the relevant operating environment of the database. I used Navicat 8 for MySQL for database building. Enter all the information in the system that needs to be associated into the database for calling.

4.2 Ordinary users browse the module E-R diagram

After logging on to the website, ordinary users can browse the information on the home page, which includes five items: station news, club news, announcement information, club information and rules and regulations.

4.3 Super Administrator User Module E-R diagram

As the management user with the largest authority, super management should have the power to edit the whole system [4]. The variable contents can be divided into station news management, information management of youth League committee and president information management, community information management, rules and regulations management, association type management, activity information management and system management.

4.4 Administrator user login module

User login module is received the limit of different rights, the general user does not need to login into the system, but three different rights administrator need identity authentication, otherwise cannot add delete for the system, through the authority drop-down menu selection, need to enter the correct account password and verification code to login, in the box floating prompt input message.

5. Conclusion

The system can be divided into four categories, the first is the administrator login system: in login only administrator do not need to register. President and academy management authority need to create in the system [5], different administrator identity into will exercise different authority, permission for upper and lower levels, content before release, allowed to leave on the form identity number. The second part is the news system: the news system is divided into community news and station news. The two different news systems have different operation modes, and the corresponding modification rights are also different. The third part is the structure of the total score relationship: first, super administrator can master all the content of the modification. It includes the President and school league authority and their power. President only including the single community all information release and changes, school league including multiple community information changes, super administrator can summarize all, and ordinary users can only browse the page information but not change the page. The fourth part is the one-to-one correspondence of the background database, the database and the system connection, deletion and addition can be synchronized.

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