



# Research on the Application of CI System in the Construction of University Class Culture Under the Internet Background

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**Abstract.** Class management and class culture construction are the basic work of college cultural construction, and they are the core of college student management and class management. For a long time, the construction of campus culture in colleges and universities has always neglected the construction of class culture, and it has not been regarded as an important part of the construction of campus culture. Especially for the establishment of a class culture construction management system centered on the CI system, it has not been consciously studied and practiced. Therefore, the application research of the CI system in the construction of college class culture under the Internet background is proposed, and the CI theory of the class identification system is used for reference and “grafting” to explore the new thinking and behavior mode of college class culture construction under the guidance of the CI theory. It is a cross-industry, Interdisciplinary theory and innovation, especially mobilizing all class members to participate, and implementing them in practice, has important theoretical value and practical significance.

**Keywords:** Internet background · CI system · Class culture · Theoretical guidance · New thinking · Behavior pattern

## 1 Introduction

Introduce the concept of CI into the construction of class culture to explore new thinking and behavioral models for the construction of class culture in colleges and universities. This is a cross-industry and cross-disciplinary theoretical “grafting” and innovation, especially the integration of cultural confidence in the new era and core socialist values. The construction of class culture, mobilizing all class members to participate in English in practice, has important theoretical and practical significance [1]. The shaping of class culture in colleges and universities is the whole process of theoretical exploration and practical operation of interaction between teachers and students. It can effectively integrate the evaluation system into it, so that the shaping of class culture can form a multi-angle, omnidirectional, three-dimensional and systematic culture. Building a management system, the process of establishing a class image recognition system is

also a practical process of “implementing” class culture shaping. It has strong operability, practicality and vitality, which can greatly promote the construction of college campus culture, and its value and significance are far away Far beyond shaping itself [2]. The focus of the research is to put forward a CI system including three parts of the visual system, the idea system and the behavior system. This system enables each member of the class to have a strong sense of belonging, clear goals and uniform code of conduct, so as to build a cohesive and enterprising class. Let each member get good edification and temper in the class culture created by CI, so as to effectively promote the continuous improvement of the ideological and political quality, cultural quality, professional quality, physical and mental quality of class members.

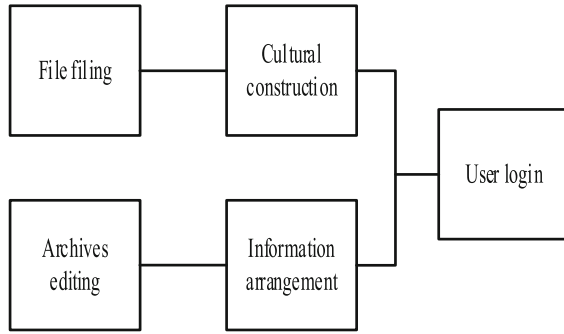
## 2 The Application of CI System in the Construction of Class Culture in Colleges and Universities

### 2.1 Function Optimization of Class Culture Construction in CI System

The construction of class culture in colleges and universities is a whole process of theoretical exploration and practical operation. It allows teachers and students to participate in the interaction, can effectively integrate the evaluation system into it, and mold the class image into a multi-angle, all-round, three-dimensional, Systematic management system [3]. The establishment process of the class image recognition system is also the practical process of “implementation” of class image shaping. It has strong operability, practicality and vitality, which can greatly promote the construction of college campus culture, and its value and significance have far exceeded the shaping itself.

The CI system includes three parts: the visual system, the idea system and the behavior system. The three systems are interconnected and play a very important core role in promoting the sustainable development of the class [4]. Class management in colleges and universities can also learn from this management system and introduce CI. The purpose is to make each member of the class have a strong sense of belonging, clear goals for struggle and a unified code of conduct, so as to establish a cohesive and enterprising class collective, So that each member can be well nurtured and tempered in the class culture created by CI, thereby effectively promoting the continuous improvement of the ideological and political quality, cultural quality, professional quality, and physical and mental quality of class members [5]. In order to ensure the effect of class culture construction in colleges and universities, the main structure and functions of the CI system are optimized, as shown in the following figure (Fig. 1):

As shown in the figure, the main content of the college class image recognition system can be summarized into 4 system projects. The first part is the theoretical system of identifying CI in university classes [6]. In the process of constructing class culture, CI was originally a class recognition system. By “transplanting” and “grafting” its ideas into the class image recognition system of colleges and universities, it can become a “class recognition system” that is fully applicable to the management of college classes CI. The CI subsystem includes three parts: class concept recognition system, class behavior recognition system, and class visual recognition system [7]. The establishment of “implementation”-style measures for the image building of colleges and universities,



**Fig. 1.** CI system functional structure framework

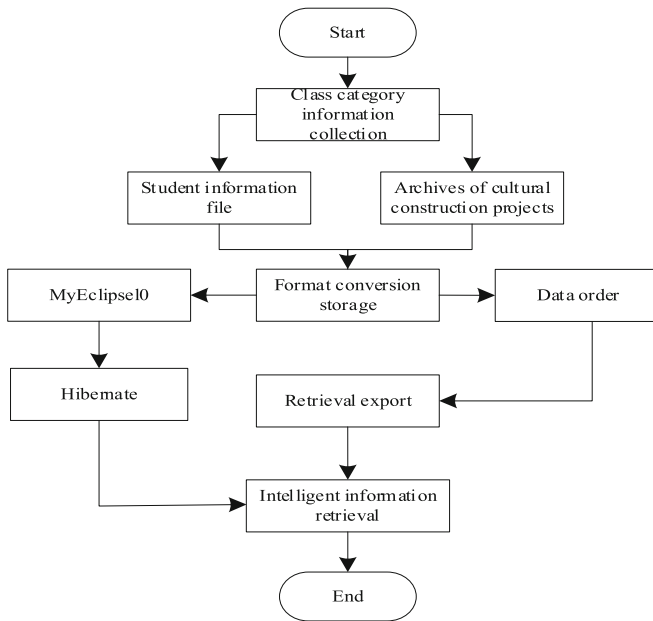
that is, the establishment of a guidance center for shaping the image of colleges and universities, and strengthening the organizational guarantee for the construction of class culture.

## 2.2 Application Methods in the Construction of Class Culture in Colleges and Universities

The content of class management in the CI system can be specifically expressed in the cultural construction goals of the class collective and the management concepts of the class culture construction, etc., according to the professional characteristics, the age characteristics of the students, and the actual conditions of ideological and political quality, cultural quality, professional quality, and physical and mental quality. It must be based on the professional training goals and the needs of the social talent market to determine a reasonable application method [8].

Optimize the CI system structure based on the construction of college class culture to realize the research requirements of centralized deployment of college class culture construction. When building software functions, it is necessary to establish a client + web page model within the system to optimize the system and apply management modules. Deploy the database server to the class and share it with students [9]. Unified system maintenance of college class culture construction information, effectively guaranteeing the work requirements of effective storage of massive data, and ensuring the safe operation of the system [10]. Use the CI system to obtain a single auxiliary information and multiple auxiliary information, but to obtain this information, a comparative analysis must be conducted based on accuracy. Based on this, the steps for querying college class culture construction information are optimized, as follows (Fig. 2):

Based on the above steps, the unified release and query of the cultural construction information of the high-level class can be carried out more quickly and conveniently [11], so that students can quickly understand the content of cultural construction and participate in the cultural construction of the class, so as to improve the students' sense of collective honor.



**Fig. 2.** Steps for querying college class culture construction information

### 3 Empirical Analysis

In order to verify the application effect of the CI system in the construction of college class culture under the Internet background, conduct empirical investigations, collect and understand the current situation of college class management and class culture construction through structured interviews and questionnaires, analyze and study the current class culture in cultural confidence. On the basis of the construction status under the perspective, by consulting literature and data, the value meaning and basic path of class culture construction based on the CI system under the cultural self-confidence perspective are explained [12]. Based on the self-recognition and internalization of the instructors/class teachers and students as the main line, explore the specific path of class culture construction based on the CI system, and finally promote the implementation of a multi-angle, all-round, three-dimensional, and systematic class culture construction system [13, 14]. The sample of this questionnaire adopts a hierarchical design, that is, the respondents are required to cover all grades of the school, and students in different grades from freshman to senior are required. The current situation of the investigation and development of class culture construction of college students is analyzed, as follows (Table 1):

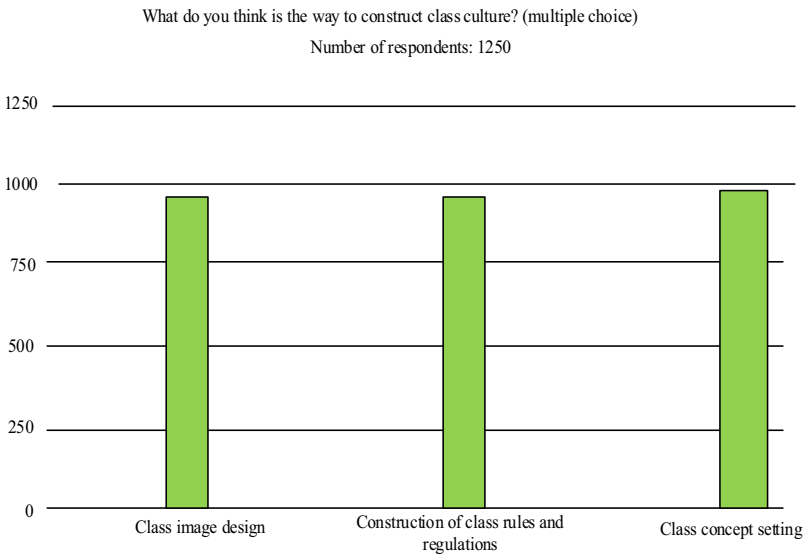
Judging from the above data, the three survey results have not reached the total sample size. This fully shows that from an overall perspective, most of the respondents believe that the construction of class culture should take into account the three aspects of class image, class system and class philosophy. However, there are still a small number of people who think that the role of class image and class system is not as great as

**Table 1.** Picture of class culture construction

Option	Reply
Class image design	959
Construction of class rule sand regulations	959
Class concept setting	963
Number of respondents: 1250	

the class concept. From this point of analysis, a small number of students lack a systematic understanding of the construction of class culture, and the understanding is not thorough enough. This result also puts forward higher requirements for the publicity of class culture construction, requiring more publicity of the knowledge of class culture construction, so that students clearly know the role and significance of class culture construction, and how to build an excellent class culture.

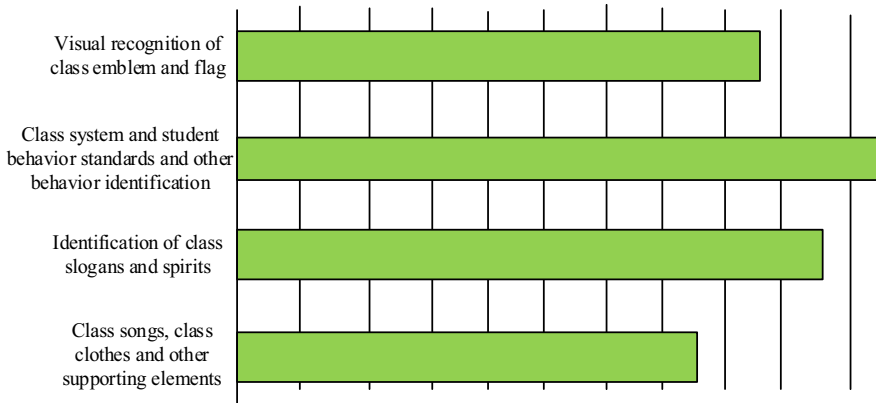
Through investigation and analysis, which aspects should be used to construct class culture, and the survey results should be counted as follows (Fig. 3):



**Fig. 3.** The results of the survey on the development direction of the class culture construction survey

Based on the picture above, there is little difference in the three aspects of class image design, class system construction, and class concept setting. There are 959, 959, and 963 respondents who think that these three aspects should be started.

The important factors of class culture construction are further analyzed, and the statistical survey results are as follows (Fig. 4):



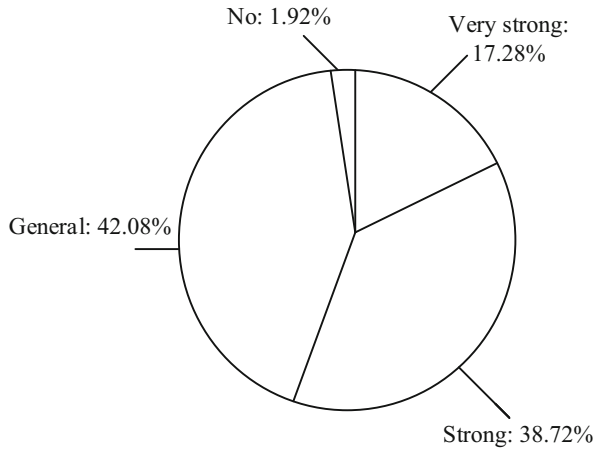
**Fig. 4.** Survey results of important factors in class culture construction

Based on the figure above, the data in the figure shows that 83.28% of the surveyed believe that behavior recognition such as class system and student behavior standards is one of the elements that must be possessed in class culture construction. 60.28% of the respondents believe that class slogans and spiritual concept recognition are essential elements, 60.24% of people think that visual recognition such as class flags and class badges are the elements that should be possessed, and 60.24% of people think that class class clothes, etc. Supporting elements are the elements of class culture construction. Investigation and research show that most people believe that the class system and student behavior standards and other behavior recognition, class slogan and spirit and other concept recognition, class flags, class badges and other visual recognition, as well as class song class clothes and other supporting elements should be available, but they agree with the class system. The proportion of people who identify with students' behavioral norms and other behaviors is the highest, and those who agree with class slogans and philosophy of class management are second. This shows that the respondents are more inclined to the construction of behavior identification in the construction of class culture, but they do not ignore the concept. Recognition and visual recognition. From the perspective of class image recognition system CI, class concept recognition is the core, and behavior recognition and visual recognition are only the explicit part of concept recognition. Therefore, the formulation and implementation of the class concept is the most critical and difficult part.

The concept system of class management based on the CI system can be embodied as the class collective struggle goals, struggle slogans and the management philosophy of the class tutor. The formulation of goals, slogans, and management concepts must be based on professional characteristics, students' age characteristics, and the actual conditions of ideological and political quality, cultural quality, professional quality, and physical and mental quality, and must be based on professional training goals and the needs of the social talent market. Further investigate the impact of class culture construction on class cohesion, and the specific survey results are shown in the figure below (Fig. 5):

Do you think your class is cohesive? (single choice)

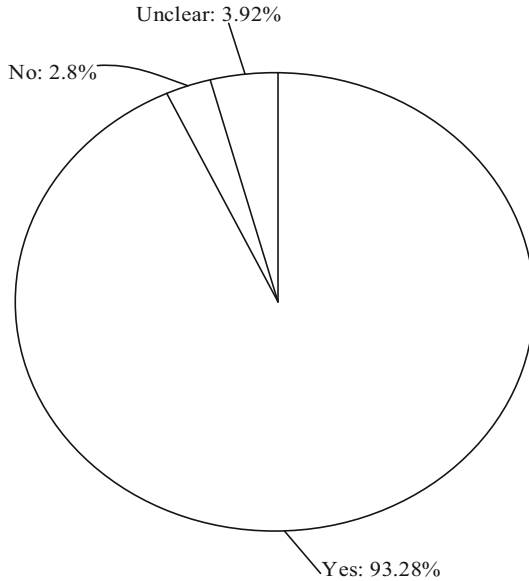
Number of respondents: 1250



**Fig. 5.** Results of investigation on the impact of class cohesion

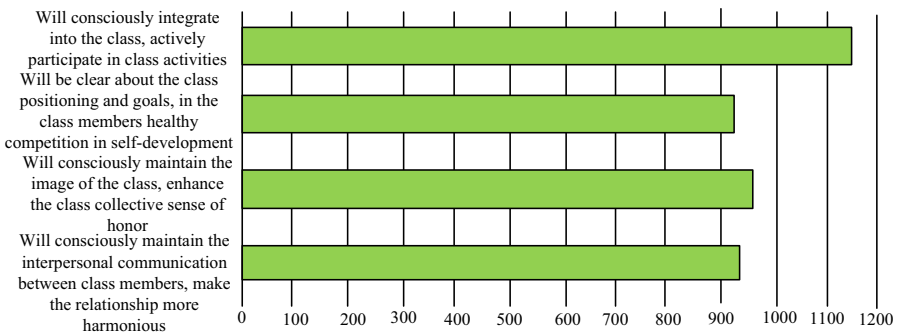
According to the above picture, the picture of the cohesion survey of the class shows that among the 1,250 respondents, most people think that the cohesion of their class is strong. There are 216 and 484 students who think their class is very cohesive, accounting for 17.28% and 38.72% of the total sample, a total of 700 people, accounting for 56%; students who think their class cohesive is average, 526 students, Accounting for 42.08%; there are 24 students who think their class is not cohesive, accounting for 1.92%. It can be seen that only a small number of students think that their class lacks cohesion, which shows that most of the class members believe that their class has strong cohesion, can be team-oriented, and have the drive to twist into a rope. This also reflects that in the construction of class culture, the concepts of class unity and class collective have been deeply rooted in the hearts of the people. However, the proportions of general and non-class cohesion are also relatively high, indicating that the construction of class cohesion needs to be improved. Further analysis of the role of class culture in promoting the growth of class members, the specific research results are as follows (Fig. 6):

Based on the above picture, the survey picture on whether class culture promotes the growth of class members shows that 1126 students believe that positive class culture promotes class members, accounting for 93.28%, and 35 students feel positive The class culture did not promote the class members, accounting for 2.8%, and 49 students did not know whether it had a promoting effect, accounting for 3.92%, which confirmed that a positive class culture can well render a good environment within the class, Supervising and correcting the daily behavioral norms of class members is an indispensable factor for a class.



**Fig. 6.** The role of class culture in promoting the growth of class members

Further investigation and analysis of the impact of class culture construction under the CI system on class members, the specific results are as follows (Fig. 7):



**Fig. 7.** The impact of class culture construction under the CI system on class members

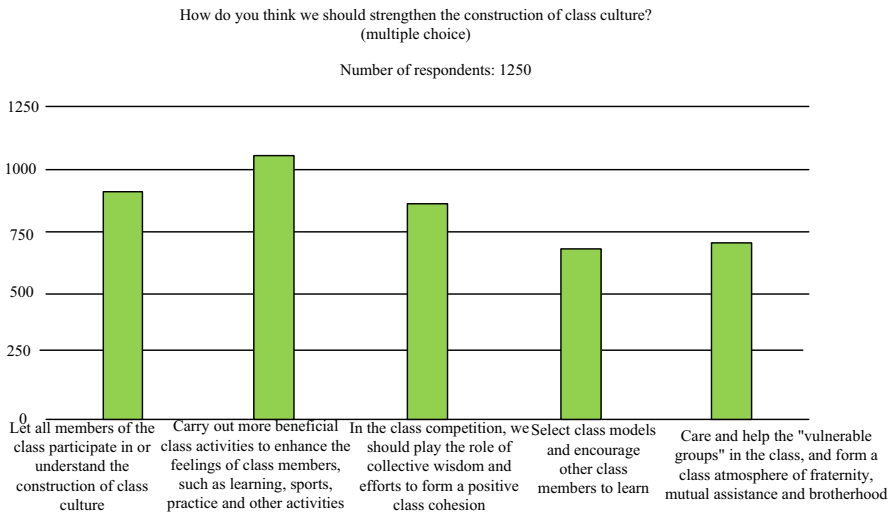
Investigate and analyze the main content of class culture construction in colleges and universities under the current CI system, as follows (Table 2):

**Table 2.** The main content of class culture construction under the CI system

Option	Reply
Will consciously integrate into the class, actively participate in class activities	91.2%
Will be clear about the class positioning and goals, in the class members healthy competition in self-development	73.84%
Will consciously maintain the image of the class, enhance the class collective sense of honor	77.28%
Will consciously maintain the interpersonal communication between class members, make the relationship more harmonious	74.96%
Number of respondents: 1250	

Based on the above survey results, it can be seen from the survey chart about the impact of class culture construction on class members, 91.2% of the respondents believe that class culture construction is essential for class members to “consciously integrate into the class and actively participate in the class. Activities”, 73.84% of people believe that class culture allows class members to clarify class positioning and goals, and to develop themselves in the healthy competition of class members, and 77.78% think that class culture allows class members to consciously maintain class image. To enhance the sense of collective honor of the class, 74.96% of the people agreed with the view that “the construction of class culture will allow class members to consciously maintain the interpersonal communication among class members”.

A survey is conducted on the willingness of class culture construction and development, and the specific interviews are as follows (Fig. 8):



**Fig. 8.** Suggestions for the development of class culture under the CI system

Based on the above picture, 84% of people think that more useful class activities should be carried out to enhance the relationship between class members, such as learning, sports, practice and other activities. 71.92% of people think that “let class members participate in or understand the work of class culture construction” It should be an element of class culture construction. 69.04% of people think that it is necessary to play the role of teamwork in the collective competition of the class to form a positive class cohesion. Those who think it is necessary to have the two elements of “selecting a role model for the class and advocating other class members to learn” and “caring for the disadvantaged groups in the class, forming a class atmosphere of friendship, mutual assistance, and brotherhood” accounted for the lowest proportion, only 54.96% and 56.08%. Based on the above research results, the development direction of class culture construction under the CI system is analyzed, as follows (Table 3):

**Table 3.** Development direction of class culture construction under the CI system

Option	Reply
Let all members of the class participate in or understand the construction of class culture	71.92%
Carry out more beneficial class activities to enhance the feelings of class members, such as learning, sports, practice and other activities	84%
In the class competition, we should play the role of collective wisdom and efforts to form a positive class cohesion	69.04%
Select class models and encourage other class members to learn	54.96%
Care and help the “Vulnerable groups” In the class, and form a class atmosphere of fraternity, mutual assistance and brotherhood	56.08%
Number of respondents: 1250	

It can be seen from the above data that more people agree with the organization of class activities, and believe that the construction of class culture requires more useful activities and mobilize the sense of participation of class members. However, there are relatively few people who believe that the construction of class culture sets an example of the class and cares for “vulnerable groups”, forming a situation of friendship, mutual assistance, and sympathy with brothers and feet., It is plainly believed that the construction of class culture only requires more activities and more participation, and the importance of the influence behind the construction of class culture is not high. In other words, this group of people does not have a strong overall concept of class culture construction, and feel that the spiritual aspect of class culture construction is of no substantive use, so subjectively assume that class atmosphere is not an essential element in class culture construction.

## 4 Conclusion

The construction of class culture in colleges and universities is an innovative and theoretical research, and it is also a basic and practical research. It needs to be constantly

explored and improved in practice. Through the development of a series of class culture construction activities and theoretical summaries, a scientific concept is formed System mode with operability.

**Fund Projects.** Jiangxi ideological and political special project: the application of CI system in the construction of class culture in Colleges and universities in the new era (No.: SZZX2002).

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