

## Exploration and Application of Digital Shared Interactive System in Public Space of University Campus

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**Abstract:** With the rapid development of society, campus life is becoming more and more colorful. In particular, student life in universities should not be confined to the traditional physical space such as classrooms, study rooms, laboratories, libraries, and dormitories, and digital sharing should be explored in the public space of college campuses. The application of the interactive system contributes to the promotion of traditional culture and social education.

### 1. Introduction

With the rapid development of society, campus life is becoming more and more abundant. In particular, student life in universities should not be limited to the traditional physical space such as classrooms, study rooms, laboratories, libraries, and dormitories. Instead, students should pay more attention to the information of their neighboring students. Communication is different from the traditional physical space. The campus public spaces such as reading corners, gymnasiums, lakesides, squares, and lawns provide a free physical space, free access, freedom of choice, free choice of time, free combination of people to discuss, and freedom. Conduct activities, release information at any time, receive information, collect ideas and demonstrate culture, provide students with multiple opportunities for expression and establish new relationships. Reasonable use of campus public space can enhance the overall cultural atmosphere of the school, improve students' communication skills, and organizational skills. Students can improve their thinking skills through mutual discussion of problems and improve their ability to solve problems. The main thing is to promote the promotion of national guidelines and policies, the spread of traditional culture, through the eyes and ears, imperceptibly affect everyone in the campus environment, indirectly improve students' inner self-cultivation and comprehensive quality. Instead of facing a lifeless building space, the school has no idle people, everyone is educated; the school has no spare time, and people are educated everywhere; when the school is not busy, people are educated at all times; the school has no business and everything is educated. Awaken the students' internal resources, wisdom, ambitions, direction, light up the students' hearts, and better play their due functions and subjective initiative.

However, the utilization of campus public space at this stage is not high. Most of them will only choose the central square to hold student union activities. When students want to use campus public space to organize activities, they do not know which places can be used for free, which places require special applications or to what The competent authorities apply for the use; at the same time, the campus covers an area of large, freshmen do not understand the school environment, even when many of the students graduated from college, many corners of the school they did not know or know but did not visit, commonly used in life Baidu and The Gaode map can locate the school, but the internal structure of the school cannot be accurately positioned. For students with weak sense of orientation, finding unknown areas in the school is difficult [1]. It can follow-up measures and guidance to guide the campus's specific location and guidance instructions.

### Analysis of the Role of Digital Shared Communication Platform System

The digital shared dissemination platform system in the public space of the campus provides the

APP download function of the digital sharing and dissemination platform in the public space of the campus. At the same time, the user can use tablet PCs, mobile phones, and other devices to log in to browse platform information through web pages; the platform supports the use of campus public space reservation functions. When students reserve campus public space for organizing activities, they can make multiple choices according to the locations provided by the platform. Students do not need to directly connect with public space management personnel of specific departments and save human resources. At the same time, the activities to be held through the platform can be passed. The information bulletin module of the publicity system is displayed to facilitate students' browsing. Interested students can actively participate in the promotion system. Compared with paper advertisements, the promotion and effectiveness of the activities are enhanced, and paper resources are saved; at the same time, students can pass The uploading module of the user space system uploads its own activity information in the public space of the campus, or a picture or video of the accidentally discovered campus image to the platform for sharing; the user's artwork management module of the user management system is used for the user. Screening of the pictures or videos, selecting outstanding works to be displayed in the featured exhibition module of the publicity system for appreciation by all teachers and students, and inspiring the enthusiasm of the students; the platform uses the statistical analysis system to count student visits on the platform. Situations, data downloads, user uploads, appointments, and events, and statistical analysis of the data captured by the camera and human inductive sensors to understand students' use of campus public spaces and analyze students' interest tendencies. Provides basis for better layout of campus public space; users of the download platform APP use the geographic information service module to provide map navigation function, which is convenient for students to find any corner of the school; highlighting major events and schools that are being held in positive energy countries. The grand campus activities can also be signalled and broadcast live, with selective public space broadcasting on certain platforms, so that more students can receive patriotic and love school education, indirectly improving their overall quality. Students' interest has increased and they have been more active and involved in the construction of modern campus culture. To facilitate the life of the students, and better optimize the allocation of resources, students in their own used Taobao market is expected to make everyone scouring more affordable things, or find things can be beneficial to others. Through the campus series of dramas and excellent characters broadcast by college students, it will promote the harmonious development of the campus, promote the spread of good culture, and make the campus more beautiful, not just the campus environment. Let the school have a sense of belonging in the school, not to face the dead building, but to face the dynamic image with sound and dynamic interest. Highlighting the characteristics of school running and highlighting the connotation of science and technology are certainly a highlight in the process of school evaluation. It is conducive to the promotion of scientific research and development of the school and the improvement of the overall student quality. It can also develop indirectly the mobile phone APP, promote the students' normal learning and living (achievement credits, etc.) and enrich their extracurricular activities. The propaganda conducive to social traditional culture flourishes and promotes students' growth and development from various perspectives such as sociology. And other forms of diversity, organization, infinite possibilities of digital sharing and platform system activities. The construction of campus culture in colleges and universities is to create a unique learning atmosphere and humanistic environment. It includes the contents of the public space design of college campuses, the campus landscape design of colleges and universities, and the ecological form of the natural form of plants. It also includes the characteristics of higher schools, school motto, and style of study. , people-to-person communication, team awareness, psychological characteristics and the various institutions of higher education to regulate the rules and regulations, as well as in this kind of rules and regulations under the formation of an inherently well-ordered campus order [2].

## **Using Digital Media to Spread Traditional Culture**

In order to promote long-standing traditional culture, spread positive energy, and build a good education career, students should have a good and rich extra-curricular and leisure life, instead of

being addicted to the internet and thinking about favorable measures, especially in colleges and universities. Visual multi-functional computer-controlled LED displays are placed in prominent locations in the university campus environment (such as classrooms, playgrounds, and sidewalks). In such a place, the professional knowledge learned by students at school can be played and displayed using the theoretical knowledge and the learned software, such as series show module, excellent model learning broadcast, and free time or fixed time. In the advertisement exhibition, students of digital media arrange, interview, and produce, just as a company runs in an orderly manner. Of course, the use of funds can be profitable through sponsorship and business advertising fees, and advertisements that must be related to student life must be scrutinized in this regard. Not all commercial advertisements can be played on this platform. There can also be a second-hand market show to promote the optimal allocation of resources among classmates.

For the placement of prominent locations in the campus environment (such as classrooms, playgrounds, and sidewalks, etc.), install a visually-multifunctional computer-controlled LED display. The professionally-designed and creative-related sections are produced through computer software production arrangements. The playback mode can choose multiple programs, mute or power amplifier, and arrange different program sections in different time periods and different occasions. Some display screens can be touch-sensitive and can be used by students to click to select related operations, requiring more contact in the design operation. Many professional students participate in the design, better play the solidarity of different professional students, and build our own campus platform for college students. When large-scale activities are held in schools, the display screens in some venues can also broadcast live games, so that the students outside the stadium can also feel deeply touched. If they visit the scene, the irritated life in the bedroom can be entered outdoors. It also promotes cultural exchange among college students and promotes each other. In such a place, the professional knowledge learned by students at school can be played and displayed using the theoretical knowledge and the learned software, such as series show module, excellent model learning broadcast, and free time or fixed time. In the advertisement exhibition, students of digital media arrange, interview, and produce, just as a company runs in an orderly manner. Of course, the use of funds can be profitable through sponsorship and business advertising fees, and advertisements that must be related to student life must be scrutinized in this regard. Not all commercial advertisements can be played on this platform. There can also be a second-hand market show to promote the optimal allocation of resources among classmates. The related festival activities can be tailored to specific activities, such as Father's Day Mother's Day, interviews with parents of the classmates or blessings of small videos to inspire cheering.

It is mainly to promote campus culture to promote exchanges among college students, increase the atmosphere, and contribute to national education and regional schools. However, for the students' income and wages, they can try to use advertising costs, increase their income by producing short video clips or campus dramas, micro-movies, etc., and in the process of production, they can also use their professional ability knowledge to demonstrate their professionalism in the campus. Learning and progress will lay a good foundation for direct social development in the future.

In the college's poster display, electronic device displays can also be updated. Students can design and create different columns, such as teacher profiles, college features, recent events, and honors.

## **Analysis of the Feasibility of Modern Campus Culture Construction**

Feasibility analysis: Students' interest has increased and they have been more actively involved in the construction of modern campus culture. To facilitate the life of the students, and better optimize the allocation of resources, students in their own used Taobao market is expected to make everyone scouring more affordable things, or find things can be beneficial to others. Through the campus series of dramas and excellent characters broadcast by college students, it will promote the harmonious development of the campus, promote the spread of good culture, and make the campus more beautiful, not just the campus environment. Promoting the ability of related art majors to

exercise through this system platform has enhanced their ability, offered advice and suggestions, and earnestly obtained the first lesson of employment at school, with unparalleled glory. Let the school have a sense of belonging in the school, not to face the dead building, but to face the dynamic image with sound and dynamic interest. Highlighting the characteristics of school running and highlighting the connotation of science and technology are certainly a major highlight in the assessment process. It is conducive to the promotion of scientific research and development of the school and the improvement of the overall student quality. It can also develop indirectly the mobile phone APP, promote the students' usual life, and enrich their extracurricular activities. The propaganda conducive to social traditional culture flourishes and promotes students' growth and development from various perspectives such as sociology.

Better publicize the country's traditional cultural construction and provide intellectual support for regional economic development. The use of advertisements for college students' useful merchandise to produce shows and broadcasts, increase the economic income of producers, and then apply for patent roads on this platform to other schools and units, and also indirectly promote the development of national education and rejuvenate the northeastern economy through the allocation of goods and products in corresponding industries [3].

The need to study the protection of equipment and venues requires the relevant laboratories of the relevant colleges and electronic science and technology innovation training rooms to ensure the development, research and implementation of practical training projects. Display equipment and computers, related professional students maintained by the school in a fixed place (such as basketball court, main wall location of the branch) in the school. There is a need for related funding guarantees, and schools can ensure funding and ensure necessary equipment and up-front costs. Pre-needs: Students understand professional knowledge, make related videos, can design relevant planes and dynamic images, and have certain aesthetic capabilities. The school provides a practical place for local experiments or a pilot in a teaching building. Small areas have large effects and can be gradually promoted. The related resources and equipment are gradually promoted and publicized and continuously improved.

## References

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