

Discussion on Grid Management of College Students From the Perspective of Digital Governance

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ABSTRACT

From the perspective of digital governance, it is an irresistible trend to introduce grid management in the student management system of colleges and universities to promote the digitization and accuracy of student management. Student grid management relies on digital governance to build a timely and two-way management communication channel by clearly dividing the grid, strengthening training efforts, and hybrid collaborative promotion, which can effectively improve the accuracy and digitization of student management, and provide new governance concepts and solutions for student management.

Keywords: Digital governance, College students, Grid management.

1. INTRODUCTION

In recent years, China has paid more and more attention to relying on socialized services and grid-based management to improve grass-roots comprehensive management and service platforms. At the same time, the national level emphasizes that the current social governance work should be strengthened and innovated, and the management service platform should be innovated. At this stage, China's society is in the era of digital governance and artificial intelligence with the rapid development of information technology, and more and more attention is paid to the all-round and all-field development and application of informatization, and new requirements are put forward for the innovation of the governance system based on big data from the national level. In terms of urban governance, grid management and digital governance have been organically integrated, and the integration and innovation of many new governance concepts such as smart communities, urban brains, and future cities have been advanced in all directions. In this environment, the application and integration of information management in colleges and universities has become an important breakthrough and practice field for the reform of its internal governance mechanism.

2. ADVANTAGES AND FEASIBILITY OF GRID MANAGEMENT OF COLLEGE STUDENTS FROM THE PERSPECTIVE OF DIGITAL GOVERNANCE

2.1 Advantages of Grid Management of College Students

From the perspective of digital governance, the application of the grid principle model in the management system of colleges and universities, that is, based on the application of information technology, guided by grid management, and taking small-scale student groups as the main unit, to build a new model of student management and new mechanism [1]. The advantages of this management model are embodied in the following aspects: First, information exchange becomes facilitated. In colleges and universities, college students communicate and interact closely, and they have a relatively in-depth understanding of each other's situation. Taking the student group as a unit, and assigning management responsibility subjects at different levels, it helps to go deep into the students for information transmission, and also helps to collect relevant information about the learning group in an all-round way, so as to deal with emergencies in a timely manner. Second, data collection has higher accuracy. Adopt grid

management mode and means to expand the autonomous space of student groups, so that students feel a strong sense of trust, which has a positive impact on improving their work consciousness and enthusiasm, and can also promote their more rigorous and serious in the process of information collection. Finally, there is higher transaction efficiency. From the perspective of digital governance, the implementation of grid management for students can not only innovate the student management model and ideological and political education model, but also optimize the quality and efficiency of work to the greatest extent. Personalized, open, shared and interactive network technology can provide greater convenience for teachers and students. First, network information technology assists grid management to accurately locate management subjects and objects, precisely divide management tasks and content, and make horizontal linkage and cooperation among various departments into courses, which effectively strengthens the coordination and cooperation of teachers and students. Second, grid management breaks through the obstacles and blockages generated by traditional student management forms by virtue of its technical advantages, showing strong practicability and flexibility, and optimizing the effectiveness of management work to the greatest extent [2].

2.2 Feasibility of Grid Management of College Students

Against the background of the new era, to introduce grid management based on digital governance in colleges and universities, it is necessary to strictly follow the management principles of the self-management system of college students, and promote the development of self-management in the direction of digital governance and gridization. This management model still has obvious feasibility at this stage [3]. First of all, college students generally have high quality. At present, college students are generally born in the 1995s and 2000s. Their mainstream thoughts are positive and healthy, and their thinking is active and extensive, with a strong desire to express, and an active and optimistic personality. Secondly, it is close to the main body of university management. Compared with class teachers and counselors who are engaged in student management in colleges and universities today, individual students have the advantages of being closer to the main body of management, more comprehensive in the scope of management, and easier to innovate

management methods in assisting management work. Finally, the development of data governance technology is relatively complete and mature. Data governance can organically integrate all kinds of invalid data information, extract, analyze and transform diversified data resources, and set up a reasonable and scientific governance plan to facilitate future management. Therefore, the effective transfer of the management subject from the previous teachers to the student group can effectively enhance the students' self-management awareness and management initiative, and build a student grid management system, which has a certain practical basis and practical value.

3. GRID MANAGEMENT STRATEGY OF COLLEGE STUDENTS FROM THE PERSPECTIVE OF DIGITAL GOVERNANCE

3.1 *Clearly Dividing the Grid and Building a Perfect Grid Organization Mechanism*

The university office, student work office, educational technology center, graduate school and logistics support department are effectively linked to form a grid management system, and sub-centers such as grid management, grid management supervision and student affairs hall are set up to improve the grid management organizational structure and build a sound information disposal system[4]. The first is the construction of grid and garden area grid work site. There is a must to clearly divide the grid, divide the student apartments into grid work sites in the garden area, and divide each apartment or several other surrounding apartments into grids, and each grid should be equipped with two or three full-time and part-time grid management workers. Taking standardized management as the fundamental goal, referring to the successful experience of urban communities in grid management, it is also necessary to build a community management system with unified command, grading of responsibility, division of planning, and implementation of responsibility. Based on the actual management situation of various colleges and universities, the management of preparatory students, international students and graduate students is reasonably divided into horizontal and vertical intersecting three-dimensional grids. Among them, the horizontal grid management should be constructed in four planes: apartments,

buildings, gardens and colleges. The vertical grid management needs to build a grid at five levels: apartments, classes, departments, colleges and universities. According to the area of the university and the size of the students, multiple grid gardens should be divided, and each garden should be set up with a grid work station and a workstation master. The second is about the management responsibilities of the corresponding linkage department. The departments touched by the grid management digital platform must follow the principles of flat management and downward focus, and at the same time update and upload the basic shared information data of the student group in a timely manner, and publish diversified information content that is closely related to the student group. The two-level grid managers should organize and integrate the collected problems and information, and then upload the information to the relevant responsible departments for analysis and processing according to the basic principle of hierarchical responsibility and processing, and track the specific work progress of the relevant units. The responsible unit should solve the problem within the specified period and give feedback to the student group. The problems directly handled and solved by the first-level grid managers shall be answered within two working days, the problems communicated to the second-level grid managers shall be answered within three working days, and the questions uploaded to the colleges and universities shall be answered within three working days. The issues uploaded to the functional departments of colleges and departments for collaborative processing and resolution must be answered and handled within five working days.

3.2 Strengthening Training Efforts and Setting up a Full-time and Integrated Administrator Team

From the perspective of digital governance, colleges and universities should set up a grid management team to be responsible for the grid management of students [5]. Based on the actual management situation of colleges and universities, a two-level grid management team should be built, centered on the station masters of the garden area and the apartment managers. At the same time, actively recruit the head teachers, counselors and outstanding graduates of various colleges to devote themselves to management work, implement the grid management model of the linkage between student communities, student work of colleges and departments and functional departments of colleges

and universities, and improve the daily reporting and investigation of student group management. In this process, the logistics support department should be the leading department. Based on the division of responsibilities, grid managers are divided into first-level grid managers and second-level grid managers. Among them, the grid workstation station master of each garden area should be the headphone grid manager, and the full-time responsible body of the building should be the first-level grid manager. The first is about the primary responsibility of the first-level grid managers. It is required to carry out inspections on the relevant responsibility grids that the individual is responsible for at regular and fixed points every day, and fill in the real grid management log every working day, and timely collect the daily affairs data in the grid system that are closely related to the student group, including Information about student groups returning late, missing contact, apartment water and electricity infrastructure warranty, regional cleanliness, and dormitory security and theft. Timely discovery and resolution of disputes and contradictions among grid middle school students, and difficult problems that are difficult to solve should be fed back to the secondary grid managers in a timely manner. With the help of information analysis and comparison, first-level grid managers can grasp the relevant information content of the student group, discover all kinds of potential safety hazards in time, and provide feedback to the secondary grid manager to help solve important and urgent matters in the management grid, including fire and disaster relief, personnel first aid, and anti-terrorism and explosion-proof affairs, etc. The second is the primary responsibilities of the secondary grid manager. They need to summarize the various problems reported by the first-level grid managers in a timely manner, and report them to the relevant functional departments; it is necessary for the secondary grid managers to track the specific progress of processing and solving various management problems in real time, and timely feedback to the corresponding sub-centers of grid management for problems that are difficult to solve; they should timely resolve student disputes and contradictions in the garden area; they should also regularly organize first-level grid managers to hold meetings to clearly grasp the specific working conditions of first-level grid managers; there is a necessity for them to guide and supervise the first-level grid managers to implement various tasks. Whether it is for the first-level grid managers or for the second-level grid managers, it is necessary to

implement the four knowledge and four abilities. Among them, the four knowings include knowing the grid area division, knowing the specific job responsibilities, knowing the common sense of professional assistance, and knowing the assistance objects at the first level, while the four abilities cover the ability to discover specific problems, solve difficult problems, solve practical problems, and win trust.

3.3 Hybrid Collaborative Promotion, Relying on Digital Governance To Assist in Comprehensive Processing

Firstly, it is to integrate and feedback the integrated student information management system. Generally speaking, the grid-based student information management of mixed online and offline includes information collection and information feedback. The former conducts management work in the form of grid manager, that is, the management department's information collection and sorting, and collects information covering the basic information of students, learning and living information, physical and mental health status, etc. The digital platform accurately enters the dynamic information of the student group according to the grid grouping, and the relevant responsible departments must update and process the information in time after receiving the information. The latter uses the information and data obtained from the digital platform to implement offline backtracking for the student group, and the counselor will deal with and solve the abnormal situation in a timely and effective manner. The construction of an information management system of integration, feedback and merger helps to integrate effective information and data in a timely manner and implement digital processing and analysis, which has a positive impact on the coordination and cooperation of diverse subjects such as colleges and universities, colleges at all levels, and groups of teachers and students, and timely handling of management issues. Secondly, it is to build a timely transaction processing system. For students who fail to report their own situation truthfully and in a timely manner, and produce certain consequences, there is a must to implement graded punishment measures that combine records, criticism and education, and review and reflection, so that students can establish a correct attitude towards management rules and strengthen their sense of cooperation. Grid managers and functional departments at all levels should conduct timely research and judgments on

different situations in the management work, and report to the higher-level functional departments after completing emergency treatment. Relevant departments should register and record in a timely manner and build an exclusive information database to avoid similar problems from happening again [6].

4. CONCLUSION

To sum up, deepening the digital transformation has become an inevitable trend of future development, and the application of digital information has become a key means to strengthen the national administrative capacity and level. With the continuous updating and popularization of digital technology, it has promoted the efficient development of governance in all fields of the country, and made people's lives more convenient. At the student management level in colleges and universities, building a grid management system based on digital governance can further expand the management workspace, enrich management methods, and improve work efficiency.

AUTHORS' CONTRIBUTIONS

This paper is independently completed by Jingjing Lian.

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