

Research on the Design of Student Affairs Management Platform in Intelligent Campus--Taking the Xi'an Eurasia University for Example

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Abstract: Student affairs management is divided into transaction management and service management. The management of reward and punishment, the management of society, the management of fund, the management of dormitory and the management of employment are generally considered to be the management student affairs, and all kinds of information service, three-view education, the training of student cadres and so on belong to the service student affairs. This paper summarizes the basic situation of the student affairs management in Xi'an eurasian college, summarizes the problems existing in the management idea, management system, management system, management team, student's independent management, and designs the student affairs management platform system based on the DingTalk platform.

Keywords: Smart Campus; Student Affairs; Management Platform

Introduction

China has a large population base and insufficient public resources for education. At the same time of rapid economic growth, the state and local government's input and support to private higher education has been strengthened continuously. The state has promulgated a series of laws and regulations and policies to encourage the development of private education so that more people can share educational resources.

Starting from the new angle of digital management of intelligent campus, this paper introduces the related principles of digital management into the work of students'affairs in colleges and universities, aiming at the present situation of students'affairs management in Xi'an Eurasia College and the existing problems, it uses DingTalk platform to carry out unified management, so as to improve the efficiency of students'affairs management in Xi'an Eurasia College and to facilitate teachers' management and students' operation. At the same time, broaden the vision of students'affairs management in Xi'an Eurasian College, analyze and judge the indexes of students'affairs, effectively improve the efficiency of students' management, solve the problems of students'affairs management in universities, and build a bridge between schools and students.

1. Summary of Wise Campus

1.1 Connotations

Wise campus is to promote the integration of information technology and education teaching, to improve the effect of learning and teaching, taking the new technology such as Internet of Things, cloud computing, big data analysis as the core technology, to provide a kind of teaching, scientific research, management and life service which is all-round perceptive, intelligent, data-oriented, network-oriented, cooperative and integrated, and to make an insight and prediction of education teaching and education management. Smart campus=1 data center+smart campus infrastructure+8 types of smart campus applications+smart resources. Eight types of intelligent campus application systems are: student growth intelligence application system, teacher professional development intelligence application system, scientific research intelligence

application system, education management intelligence application system, security monitoring intelligence application system, logistics service intelligence application system, social service intelligence application system, comprehensive evaluation intelligence application system.

1.2 Characteristics of Team Construction of Wise Campus

The team composition is extremely complex, involving more department organization, the work situation and professional background of team members are different, there are potential factors of communication and coordination difficulty.

The construction team needs a high level of information literacy, especially the person in charge of intelligent campus construction needs to master both the theory of intelligent campus construction and the technology of intelligent campus construction.

The construction team should be good at tracking the development of new technologies and new media such as big data, internet of things, learning analysis, robotics, artificial intelligence and so on, pay attention to the hot issues in education in time, be creative, plan and design intelligent campus creatively, and solve the specific problems in educational development.

In order to plan and design the smart campus, the construction team must reach the basic consensus on the connotation, function and function of the smart campus, keep high agreement with the relevant policies of the country, pay attention to the hot issues in education, and highlight the local characteristics.

2. Existing Problems in Student Affairs Management

2.1 Multi-platform management data complexity

Students and college teachers in learning communication with the main WeChat, followed by DingTalk, QQ. Different branches focus on the choice of communication platform is different, on the one hand, the branch work is difficult to efficient coordination, on the other hand, the school is difficult to intuitively understand the work situation of each branch, resulting in the division of each transaction cycle lengthy and complex. In addition, freshmen from freshmen, will let freshmen scan the code to join the class QQ group, WeChat group, and academic tutor responsible for notifying the professional groups of various matters, related academic affairs will be in the WeChat group notification, there is a larger file need to send to students on QQ group upload, the existing situation is: 1) some students are not used to see QQ group messages, block QQ messages, even mobile phone QQ software, Q need to the group

At present, students need to install more than six required APPs on their mobile phones, such as WeChat, QQ, DingTalk, Tronclass, Learning Link, Tencent Conference, etc. These students have complex day-to-day management affairs and complicated data; each platform is independent, can not realize the data information communication, difficult to integrate, can not effectively improve the efficiency of day-to-day management.

2.2 Lack of effective communication platforms

There is a lack of effective communication platform between teachers and students. When the tutor publishes a message, how much time it takes to let all students know and how the tutor gets feedback from the students becomes the biggest communication obstacle. Therefore, we should pay more attention to how to realize effective communication between teachers and students and achieve effective management.

Graduates know the campus recruitment information channel is also a variety of channels, the most is through the WeChat group of teachers to publish information, the group of messages too many students can not receive recruitment information. During the outbreak, or because there is no hint function will miss an online briefing or job fair.

2.3 Loss of lost and found platform

Students have no effective way to find things lost in school, they can only rely on the traditional way to find things, but for students to find other people's lost things, also do not know how to return. The school has a wide area of teachers and

students, students and teachers often come and go in different places, participate in different courses and activities every day, teachers and students carry more and more things, easy to occur the loss of goods, and pick up things everywhere to return.

2.4 The student feedback platform is not perfect

Most students want to solve problems in time, and hope that the school can listen to the students. Our school's existing " principals reception day " is to solve some students'demands, but not well-known, only a few students will know such activities, did not benefit most students.

In order to gain a more intuitive understanding of the needs of students, a platform for direct dialogue with students is needed so that students can directly raise their own learning or life-related issues, and complaints can be made on food safety issues, sanitation issues, service attitude issues encountered in schools. It can realize flat management, simplify work flow and improve work efficiency.

3. Design of Student Affairs Management System Based on DingTalk

3.1 Existing business systems and DingTalk interface design

On the basis of the existing teaching platform and the system of students and workers, according to the characteristics of the intelligent campus and the teaching demand, the existing business system is extracted, integrated and screened, and then pushed to the learning platform of the DingTalk intelligent campus. The intelligent campus platform should not be separated from the original network teaching resources and learning system, but should integrate learning resources to increase learning process records, learning evaluation and campus life transparency. Avoid duplication of resources and reduce information islands. This way not only makes full use of the original network teaching resources and the one-stop service of the school, maximizes its value, but also solves the problem of lack of resources in the intelligent campus. In order to create a whole digital learning and living space, combining the wisdom campus with the traditional campus, students can flexibly choose learning and living ways according to the actual needs. The existing business system and DingTalk interface design architecture is shown in Figure 1.

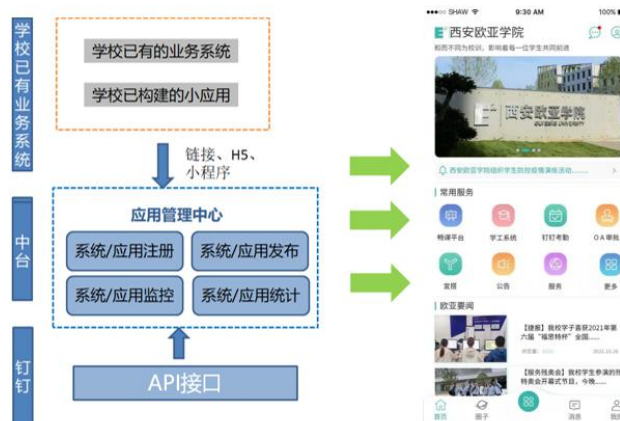


Figure 1 An architectural diagram of the existing business system and DingTalk interface

3.2 Effective team communication

With the help of intelligent personnel, the basic information management, such as college, class, student organization and association, is realized. One is the " DING " function to send important information in the form of text messages or telephone messages, in groups, private chat, approval, log, etc., important information can be " DING " a moment, the message has been read, not read at a glance, the information must be reached; the second is to realize video, telephone meetings, let teachers and students communicate, students communicate efficiently, such as during internship preparatory party members to participate in the secret party day and three classes, open space Through the DingTalk platform to realize

the seamless communication between teachers and students, so that information can be efficiently transmitted, improve the ability of team cooperation and promote students to develop together.

3.3 Implementation of efficient service approval

According to the classification of class affairs, students'affairs that need to be examined and approved can be approved through the design of examination and approval procedures. The examination and approval can be carried out through the examination and approval of students'affairs, such as leave, collective leave, going out, disposal, release of disposition, use of classroom, expense of students'activities, etc. Each approval design approval process and node, make use of instructions, complete network approval, approval results immediately copy the relevant organizations or individuals. Through the examination and approval procedure to record the examination and approval process in detail, for each examination and approval through the intelligent report to achieve regular reporting to the responsible person, to achieve the overall grasp of the examination and approval procedure, so that the work more standardized.

Based on the DingTalk daily management, we can provide the data analysis report formed by day, month and year through the model of intelligent report forms, both horizontal comparison and vertical data development rule, so that the student staff better understand the student's condition, grasp the student's dynamics, make the workflow more scientific and standardized orderly, more accurately grasp the key nodes of the three-inclusive education, form a good information management pattern, better serve the young students to grow into talents. The student affairs approval process is shown in Figure 2.

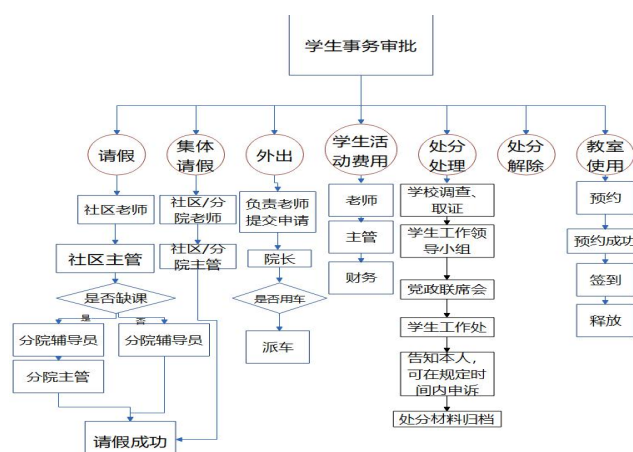


Figure 2 Student affairs approval process design diagram

3.4 Construction of Lost and Found Platform

After analyzing and investigating the shortcomings of the existing lost-and-found collecting platforms and some website-based lost-and-found collecting platforms, an efficient and convenient collecting platform is established, which can shorten the time of recovering lost-and-found objects. Based on the high-efficiency campus lost-and-found platform, users can realize the functions of login, registration, search, release, comment, share, match, view information, change points, personal information management on the client. The system administrator realizes the management of user, pick-up information, item category, campus address, information statistics in the background.

3.5 Design of One-stop Employment Service Platform of School-Enterprise

In order to obtain high-quality employment for graduates, a one-stop employment service platform is built on the DingTalk platform to screen jobs closer to the students majors in the university, to accurately recommend occupations suitable for the students of various professions, so that the students can reduce the screening cost and get more employment. The background effectively evaluates the employment rate, forms the data board, thus gradually increases the student employment rate. The Employment Service Platform bulletin Board is shown in Figure 3.



Figure 3 Employment Service Platform bulletin Board

4. Effect of implementation

4.1 Day permanent management construction

Students' basic information management, daily health daily, daily attendance service, student affairs examination and approval (including leave system, second class credit application system, etc.), student activities service, daily check and feedback, etc. This enables the aggregation of existing transactions into a platform.

Students working journal, working journal to achieve workflow, standardization, information. Through the self-defining function of journal, based on the management of student affairs, the functions of daily attendance report, holiday to statistics, holiday return to school statistics, briefing, collective holiday release, dormitory daily inspection report, classroom daily inspection report, classroom hygiene report, meeting record, student complaint, work week report, advice, comprehensive evaluation report, micro-activity management are realized. Edit and publish the DingTalk Use Manual, standardize the student affairs process, realize the process through the DingTalk, the processing result can be analyzed, provide strong data support for student affairs management.

The examination and approval of student affairs can be realized by self-definition according to the work content, including on-line student leave, student disposition examination and approval, rescission examination and approval, leave to go to (leaving school) examination and approval, collective false bar examination and approval, student affairs examination and approval, student project examination and approval, etc.

4.2 Maintenance management

With the development of digital construction of college, the demand of information application is more and more. In order to serve teachers and students better, it is necessary to establish a special network service, support and communication platform. This platform needs to accumulate the methods and experiences of technicians to deal with problems and form knowledge base. On the one hand, it is convenient for the college teachers and students to have a clear understanding of the process of digital campus construction, under the guidance of knowledge base, the barrier-free experience of new technological achievements and the support of information technology, on the other hand, it is convenient for the operation and maintenance personnel to understand the real needs of teachers and students, so as to improve the work pertinently, improve the service level and finally achieve the purpose of service ability and efficiency.

This platform is more convenient for college teachers and students to complete DingTalk service, question inquiry,

questionnaire, examination and approval of affairs, complaints and suggestions. In-school service can improve the management ability of digital campus service from three aspects: emergency management, problem management and configuration management.

5. Concluding remarks

To improve the theoretical system of student affairs management in Xi'an Eurasian College, to make up for the problems in the management of students' studies, dormitory life, health and safety, internship employment, thesis guidance, cultural activities, etc. To use unified platform management, to solve the problem that students need to download multiple communication platforms APP, at the same time, to enable teachers to obtain students' data on the unified platform, so as to understand the learning and living conditions of each student.

Under the concept of digitalization, we can maximize the collective role of teachers and counselors, exert influence on the students in school, realize the self-management, supervision and service of the students, realize the whole staff and the whole process of educating people in Xi'an Eurasia College, optimize the resource allocation of the school, reduce the cost of daily student affairs management, improve the efficiency of running the school and the level of student affairs management.

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