

# Design of the Project Cost Professional Vocational Guidance Information Platform

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**Keywords:** the Project Cost; Professional Vocational; Guidance information Platform; Design

**Abstract:** From the perspective of "students", explore and study students' needs for vocational guidance; According to the needs, research the function target design of the vocational guidance information platform; Taking "employment as the orientation", the content framework of main functions of vocational guidance platform is studied. Take engineering cost major as an example, design an "open and Shared" professional information platform.

## 1. Introduction

Vocational guidance information platform is complete in Foreign, especially in the United States. To address The problem of employment options, organizations in The United States have designed and constructed an Occupational Information Network (O'net) covering all Occupational occupations. The site's information is available not only to students and other job seekers, but also to community colleges, continuing educators, human resources workers, and research workers. On this website, you can find very detailed career information resources, and it can be very convenient to browse the site to find the accurate information needed to meet their understanding of the occupation.

However, the vocational guidance of China's colleges and universities mainly relies on the rare introduction of relevant majors on the official websites of the schools, the courses of career planning and employment guidance offered in school. Lack of content system career guidance information platform. The research and construction of vocational guidance information platform in China are still in the initial stage and need further research and construction. Therefore, it is of great theoretical and practical significance to learn from foreign experience and study and construct the vocational guidance platform for students.

## 2. Meaning of design

### 2.1 It is helpful to eliminate students' blindness in choosing majors and improve the quality of school education.

Whether students can choose their major rationally has a great influence on individuals, schools and society. Major selection will affect students' professional satisfaction, which will affect students' academic engagement and learning effect, and affect students' employment confidence, leading to employment problems. The vocational guidance information platform studied by the project will provide students with systematic and comprehensive vocational information, so as to promote examinees to reasonably choose the major suitable for their own development according to their actual situation. Instead of blindly choosing the so-called "hot major". Students will be more emotional to their favorite or suitable major, so it can improve the quality of education.

The wall pile frame structure can make up many shortcomings of the traditional slope type cofferdam. The traditional slope type cofferdam requires a large amount of sand. It requires Large structural section and large area occupied by the sea. It is difficult to be connected with the wharf construction in the later stage. As road subgrade, it uneven settlement is easy to occur. There are many social vessels, which are prone to safety accidents.

## **2.2 It is conducive to the enrollment of middle and higher education institutions.**

On the one hand, the vocational guidance information platform based on job analysis fully demonstrates the strong professional strength of relevant schools. The examinee obtains the occupation information data, has an in-depth understanding of the major, also has understood the related vocational colleges specialized curriculum system, the school characteristic, the school strength and so on. On the other hand, a deeper understanding of the major can help eliminate the bias of students and parents in understanding certain majors. Many students and parents not only do not know the major, just hearsay. Through the career guidance information platform, they will gradually get a comprehensive understanding of the major.

## **2.3 It is the need of integrated school-enterprise education and the pertinence and applicability of talent training.**

Vocational guidance information platform is employment-oriented, which is the full embodiment of school-enterprise integrated education. Occupations are diverse and evolve with the needs of social development in different historical periods. Whether an individual can choose a career scientifically and rationally is of great significance to the efficient allocation of human resources in the labor market and the rapid and healthy development of the whole social economy. The vocational guidance information platform can make students understand the occupation comprehensively and systematically, so as to enhance the pertinence and applicability of talent training.

## **2.4 It is the need of digital campus construction.**

Universities pay more and more attention to the combination of information technology and education. At the same time, careers varied. And with the change of The Times, the social demand for occupation is changing. Whether a job seeker can find a suitable occupation is of great significance to the efficient allocation of human resources in the labor market and the rapid and healthy development of the whole social economy. The vocational guidance information platform can make students understand the occupation comprehensively and systematically, so as to enhance the pertinence and applicability of talent training.

## **3. Design ideas**

### **3.1 From the perspective of students, explore and study students' needs for vocational guidance.**

Through the investigation of examinees, students and graduates, the students' demand for vocational guidance is determined. The basic purpose of the construction of vocational guidance information platform is to meet students' needs. The project examines and studies vocational guidance from the perspective of students with students' thinking and vision to achieve effective docking of information and needs.

### **3.2 Study the functional objectives of the vocational guidance information platform according to the needs.**

According to students' demand for vocational guidance, the project studies the functional objectives of vocational guidance information platform. It consists of two sections: main functions and additional functions. The main function mainly satisfies the student to the occupation system, the comprehensive, the deep understanding. Additional functions can serve the school, the school can according to the network data and network exchange for enrollment management and enrollment publicity. The platform can serve the third-party employers, and students can directly talk with the employers to enhance the effect of vocational guidance, and also solve the needs of enterprises.

### **3.3 Study the content framework of main functions of the vocational guidance platform with "employment-oriented".**

Oriented by employment, the platform meets the needs of the society and enterprises for talents, connects enterprises, schools and students, and enables students to truly understand careers from the perspective of employment. The project studies and formulates the content framework of the main function of the employment-oriented career guidance platform. The DACUM (Developing A Curriculum) occupational analysis method is mainly used to conduct systematic and comprehensive occupational analysis with theoretical guidance to obtain this framework. The content framework of main function of vocational guidance platform is the core content of vocational guidance information platform.

### **3.4 Study the operation and management mechanism of vocational guidance information platform.**

The operation management mechanism of vocational guidance information platform must ensure the efficient operation of the platform and realize the functional objectives of the platform. For this purpose, the project will be in the project cost professional for instance, with professional job analysis as the core, based on the recruit students employment data, network management center platform construction and maintenance support for security, propaganda department of vocational guidance information platform operation and management mechanism, study and formulate "The School Career Guidance Information Platform Operation Management".

### **3.5 case analysis and research: take engineering cost major as an example, build an "open and shared" professional information platform.**

Based on the functional objectives of the vocational guidance information platform in the preliminary study, the project USES DACUM occupational analysis method to determine the main functional contents of the platform, starting from the "employment position" of engineering cost. According to "The School Career Guidance Information Platform Operation Management", the construction of "open and shared" engineering cost vocational information platform.

## **4. Design steps**

The first step is to determine students' needs for career guidance information. From the perspective of examinees, students and graduates, this paper analyzes and determines the needs of various students for vocational guidance information.

The second step is to determine the functional objectives of the platform according to students' needs. The functional objectives of vocational guidance information platform are divided into two parts: main functional objectives and additional functional objectives. The main functional targets are for students; Additional functions for schools, enterprises, etc.

The third step is to use DACUM analysis technology to determine the content framework of main functions of the platform with "employment orientation". The project USES DACUM analysis technology to determine the content framework of main functions of the career guidance platform based on employment position.

The fourth step is to formulate the operation management mechanism. The project will take the engineering cost major as an example, take the major as the center, take the enrollment and employment, the network management center, the publicity department as the auxiliary, study and formulate the school vocational guidance information platform operation management measures.

The fifth step is to set up a professional vocational guidance information platform for engineering cost.

On the basis of job analysis and in accordance with the operation management measures of school vocational guidance information platform, the construction of engineering cost vocational information platform on the official website of "The School Career Guidance Information Platform Operation Management".

## 5. Content framework and operation management mechanism design of the platform

### 5.1 Design of Content framework

Through various surveys, the project has obtained the needs of various students for vocational guidance and is employment-oriented. With the use of DACUM vocational analysis technology, systematic and comprehensive vocational analysis is conducted under the condition of theoretical guidance, so as to achieve systematic, comprehensive and effective vocational guidance information.

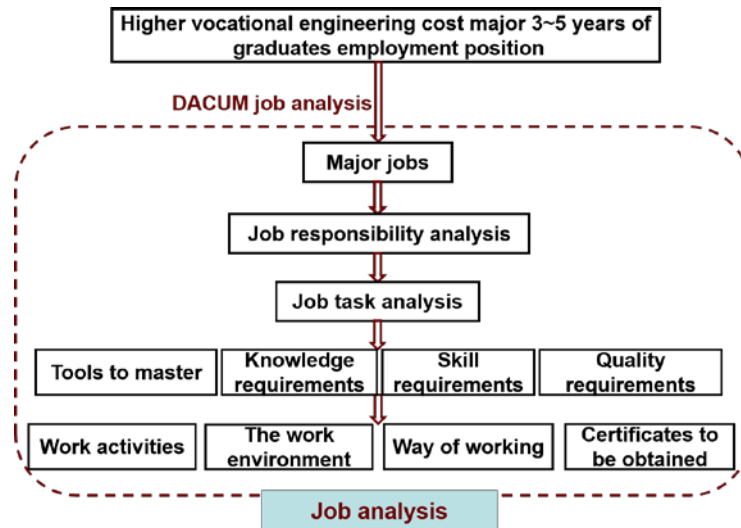


Figure 1 content framework of main functions of career guidance platform

### 5.2 Design of operation management mechanism

The operation and management mechanism of the vocational guidance information platform, which is based on the data of recruitment and employment, guaranteed by the construction and maintenance of the network management center platform and strongly supported by the publicity department, is centered on the professional job analysis. The framework of the management mechanism of vocational guidance information platform is shown in figure 2, including the resource pooling mechanism, demand collection mechanism and service docking mechanism to ensure the normal function of the platform. On this basis, research and formulate the school vocational guidance information platform operation management measures.

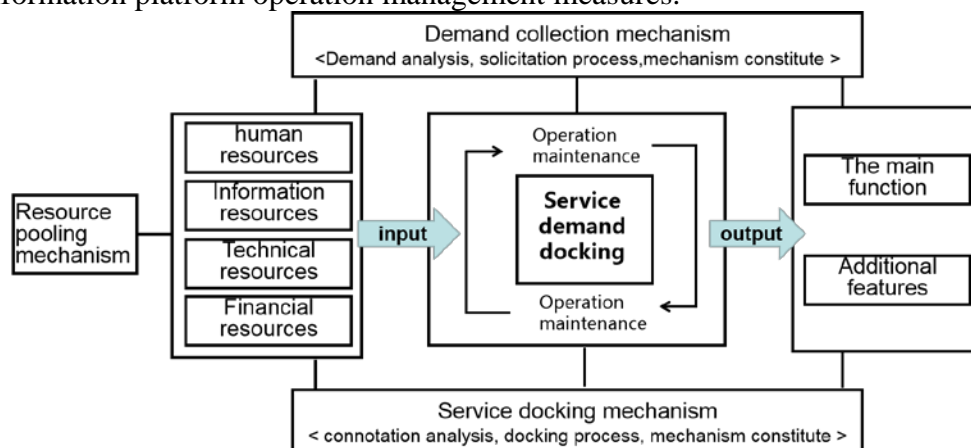


Figure 2 Framework of management mechanism of vocational guidance information platform

## 6. Conclusion

Vocational guidance information platform can help eliminate students' blindness in choosing majors and improve the quality of school education. Conducive to the enrollment of institutions of higher learning; It is the need of integrated education of school and enterprise and the pertinence

and applicability of talent training. Is the need of digital campus construction; Can make full use of network resources to help all kinds of students choose the right major.

### **Acknowledgements**

"Student perspective, employment-oriented, open and Shared" Research and construction of vocational guidance information platform (2019353)

Construction of vocational guidance information platform based on vocational analysis in higher vocational colleges under the background of the reform of enrollment system -- taking engineering cost major as an example (xyjg1903)

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