

The Personnel Model of Vocal music training

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Abstract. This paper has clear understanding on features of experiencing laboratories which is based on ERP on account of the ERP simulation with sand table experiment. We put forward practicing discovery on model of applied personnel majoring in vocal music training. we established strategic position to applied personnel majoring in vocal music training on account of ERP, so as to establish the practicing platform of experiments, practical training.

Keywords: ERP Simulation; Vocal music training; Practical training; Platform

1 Introduction

Computer Assisted Instruction (CAI) is an assistant teaching and training method, which has been widely used in various teaching and training activities with the rapid development of computer and network technology since the early 1990s[1]. By means of using a variety of software processing tools, such as PPT, FLASH, 3DMAX, PREMIERE, the teaching and training contents are optimized in sound, image, graphics, video and other information processing, then the courseware's characteristics of richness, novelty, interestingness, figurativeness and organization are eventually obtained. Application of computer assisted vocal music training system is very extensive[2], which has played an important role in various industries and various areas, specifically in the following aspects: (1)Office: Automatic control system can automatically start and run, which can ensure the whole process of work conducted in the automatic mode. At the same time, it can automatically repeat records of operation, which can be used in products and software presentation. It can completely replace the human operation, assisting the allocation of human resources. Therefore, the computer program can easily improve the efficiency of the office automation in many aspects[3]. (2) Application of family: as people's living standards and cultural accomplishment enhanced, people have paid more and more attention to the quality of life to face the fast pace of life, the computer assisted vocal music control system is applied more and more widely in family life. Moreover, the computer automatic control system can broadcast any multimedia entertainment, which can connect with an environmental sensor, automatic operation control system. This paper makes brief statements on the design and application of computer assisted vocal music training system Based on ERP Simulating Experience Platform[4].

2 The establishment of erp experiment training platform

The expert control system is a hot topic in the study of assisted vocal music control, there are a great deal of systems both in domestic and foreign development. In fact, multilevel expert control system is a hierarchical structure, which can be divided into two stages, namely the global decision level and the local decision level[5]. The global decision is a man- machine system, which is mainly to solve the decision problem of global, long-term. While the local decision is also a man--machine system, but it is decided by local decision makers and optimal coordinator, which is mainly to solve the daily[6], local channel and short-term problems. As far as assisted vocal music computer control system is concerned, a lot of universities and units such as: Tsinghua University, Zhejiang University, Chongqing University, Central South University, Academy of Sciences Institute of Automation, Shenyang Institute of Automation, Institute of Computer Institute, and Chengdu Institute of Computer Application, etc have many researches on it. So the units have conducted a lot of researching work, which has made some theoretical and practical achievements in scientific research, such as catalytic cracking unit (FCCU) computer control system. The system is mastered by Professor Lv Yongzai, Zhejiang University, who introduced a method of artificial intelligence to set up a non-traditional training mode as the main structure of the system, as is shown in Figure 1.

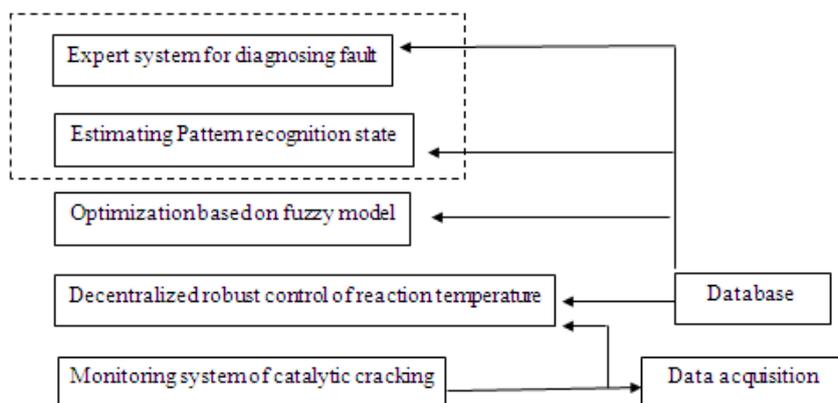


Fig.1. Distributed power to grid system

ERP experiment training is an important part of vocal music training experiment training. ERP is the short name of Music laboratory Resource Planning. The function of ERP practical training includes music laboratory strategy, organizing, planning, leading and controlling. Analyzing from experimental contents, it includes , production operation management, supply chain management, human resources

management, and products management.etc. ERP practical training can make students understand the environment as well as contents of music laboratory operating comprehensively and truly, so it plays an important role in improving students' practical applied ability. The system of ERP practical training platform is shown in figure 2.

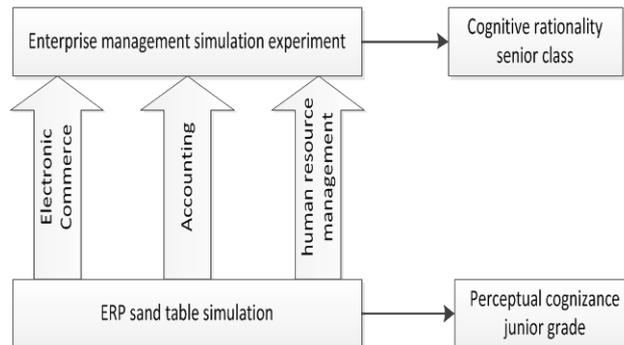


Fig. 2. ERP simulation with sand table training

ERP simulation with sand table training is an experiential dynamic training method which is burgeoning in our country. It truly shows professional knowledge involving music laboratory structure and management in sand table, which can be seen and touched by students, thus creates a simulated emulational experiment environment for learning and experiencing the groundbreaking management knowledge. It not only makes students understanding the essence of operational management activities, but also strengthens their music laboratory consciousness, thus makes every student directly taking part in simulated music laboratory operation, experiencing complex as well as abstract operational management theory. ERP simulation with sand table is an experimental platform pointing at advanced modern music laboratories' operation and management skill, as well as the role that they design.

3 The Principles of Constructing Expert Vocal music training System

With a further recognition on the experimental features of economic management, we have a deep thinking about the principles of constructing vocal music training system, and summarize the following principles:

According to the personnel training target and features of students majoring in vocal music training, in order to arouse their learning enthusiasm, improve students' training quality and strengthen their core-competitiveness, we need to pay attention to students' characters in training process and design personnel training scheme that suits their characters except for strengthening theoretical training. Compared to class training, learning in practice can better reflect students' characters differences, better arouse their innovation awareness, and better improve their ability. Thus, we put more proportion of practical and experimental training in personnel training scheme of

vocal music training specialty, at the same time, strengthen their practical operation ability through learning of practical and experimental courses.

4 Features of students majoring in vocal music training

Compared with students majoring in science and engineering, students majoring in vocal music training have obvious features, which are shown in the following aspects.

Firstly, students majoring in vocal music training have wide interests and active thoughts. Hence, abstract formula, theoretical derivation and model establishment in training activity cannot arouse their learning enthusiasm and interest. What's more, these theories and models don't have direct impact on later job of students majoring in business administration. Thus, it makes students feel "what I learned is not what I am using, and what I am using is not what I learned," which bruises students' learning enthusiasm.

Secondly, students majoring in vocal music training usually start from lower management and service work in future job, and they associate with "people" more, while students majoring in science and engineering associate with "affair" more in their future job. To adapt to the working environment and objective, students are required to have better interpersonal skill. Thus, in the process of training students, we should put emphasis on training of interpersonal interaction and making students better fit for the needs of society and music laboratories.

Thirdly, the curriculum design of vocal music training puts more emphasis on training of personnel on all aspects, not personnel on certain specialty, which fulfills the requirement of management practice. However, it requires school to offer many courses for students during the academic year, which makes most courses fail to go deep. Generally speaking, vocal music training exchanges the depth of professional knowledge for the width of knowledge, which meets the requirements of student's work in future. However, the disadvantage of this course design is that it make students feel they have learned everything, but nothing deep, which makes this major become "Jack of all trades".

Fourthly, cultivation of students majoring in vocal music training emphasizes on combination of management thinking practice with professional knowledge and skill applying ability. However, students' thinking method and knowledge applying are recessive knowledge which cannot be acquired by teacher's procedural training, so it needs students to improve their ability of knowledge integration and interpersonal interaction through some basic item trainings.

5 Conclusion

In a short, the establishment of the experiencing experiment training system of vocal music training specialty can combine skill, knowledge and ability together, arouse students' interest and respect students' characters and creation. We can greatly improve the training quality of students majoring in vocal music training, further fulfill the needs of society and music laboratory.

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