Software Realization of Progress Control Platform for Country House Tourism Development from the Perspective of Integrated Communication Network Operation

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Abstract:This paper aims to build a system platform that meets the current needs of homestay management by introducing a set of progress control platform of an advanced country homestay tourism development system and using the Android operating system as an application object by using smart phones as operating tools. The problem of Internet application in the homestay industry. This research is technically based on Android system, and introduces Java and H5 for system development. Java language can realize the basic framework of App, and H5 can realize the construction of kernel. In terms of software service, the service attitude of customer service and the consulting service provided by the owner affect consumers Buying intentions, good homestay buyers evaluations in terms of booking intentions will speed up consumers' purchasing decisions.

Keywords: Software Realization, Progress Control Platform, Country House Tourism, Integrated Communication Network Operation

1. INTRODUCTION

Communication is an important foundation and symbol of national modernization. Population growth and economic development [1] have also put forward higher planning and construction requirements for communication networks, and the status of communication network network planning has become increasingly prominent [2]. At present, the problem of repeated and disorderly construction of infrastructure in my country's communications industry still exists to a certain extent, especially after the reorganization of my country's communications industry [3], many communications operators have participated in market competition. The construction of a smart city is an overall strategic plan based on the needs of urban development [4]. During the planning and overall planning period, the government has played an important role in overall planning and policy leadership [5].

The construction of a smart city is an inevitable requirement for the development of modern cities, but in the process of construction planning [6], it not only reflects the "smart" nature of the city, but also strictly follows the concept of environmental protection and ecology for design and construction, protecting and optimizing the environment in the process of urban development [7], to achieve the common development of the city and the environment. Smart city construction effectively integrates the government, communication network operation system [8], public service system and other enterprises of different nature, and comprehensively considers the era standards and needs of smart city construction [9]. The construction of smart cities for cities is to combine the different development needs of different cities Analyze the current situation, and then make a reasonable plan for the overall development of the city. During the whole planning process [10], the government made an overall strategic plan based on the needs of urban development, and the government played a leading role during the planning and overall planning [11]. Based on the

development of big data and the Internet of Things, smart cities will be an inevitable trend in the development of every city. In the process of smart city construction, it should not only reflect the wisdom of urban construction, but also reflect environmental protection [12].

Early research on homestays mainly focused on qualitative research, exploring the development status of homestays and solutions to macro-problems [13]. Liao Huilan (2006) took Yangshuo rural family hotels as the research object, and proposed the marketing model and concept of homestays, paying attention to the creation of family atmosphere and customer participation [14]. In the entire management process of an enterprise engineering project, the project progress is the key content, mainly because it involves the cost of the entire project [15]. If the construction period cannot be within the company's controllable range, the cost of the entire project will increase rapidly [16]. Because while ensuring the quality of the project, the control of the project progress has become the main content of the business management of the entire company, which requires the enterprise manager to decompose the project according [17] to the actual situation of the project. In addition, the development of homestays is also an effective way to realize the supply-side reform of the tourism accommodation industry [18], and the people's demand for homestays naturally provides a broad space for "mass entrepreneurship and innovation" in the tourism field. However [19], although homestays have many advantages, there are also many development obstacles that are difficult to overcome through conventional market means in the short term [20].

For example, the main body of homestays is generally an individual, the scale of homestays is generally small, there are many types of homestay decorations [21], and the distribution locations of homestays are relatively scattered. These are the main factors that are inconvenient for centralized management. At present, there is no clear concept for the

integration of industry and tourism in my country [22]. Through reading literature, the concept is similar to the integration of tourism industry, which is the integration of tourism and other industries [23]. It can be seen that the "production" refers to the primary, secondary and tertiary productions excluding tourism. The primary production is all kinds of aquatic, native and other original agricultural products. The content involved is mainly divided into planting and breeding. Planting is Grain, fruits and vegetables are cultivated as crabs, shellfish, shrimps and livestock; secondary production is various industries or products [24].

2. THE PROPOSED METHODOLOGY

2.1 The Integrated Communication Network Operations

The Java development language is an object-oriented programming language. It has various advantages of the C++ language. In addition, the design of the Java language itself has many advantages. As a representative of the static object-oriented programming language, the Java language has been well implemented. Object Oriented Theory. The Java language has many characteristics, such as simplicity, robustness, security, platform independence, portability, and dynamics. It is a distributed programming language. Zhu Jianqi (2017), based on the integrated technology acceptance and use model (UTAUT), introduced three variables of "hedonic motivation, individual innovation, and information quality", and took WeChat as an example to explore the influencing factors of tourists' use of tourism WeChat. At the same time, according to the sub-items To complete the preparation of the project progress management plan, set up project nodes and project plans, and pre-manage various situations that may occur in the project [4]. In the actual implementation process of the project, through the project management system, the project progress, bills, inventory equipment and other businesses are managed and analyzed, so as to improve. Rise. The entire project management efficiency, to meet the enterprise's work objectives to improve project efficiency.

The construction requirements of smart cities for the communication network infrastructure are "overall planning, unified construction, and multiple sharing". Based on this requirement, the network structure is optimized, the network system of the entire city is planned in a unified manner, the line direction is improved, and the backbone network and metropolitan area network are established. , distinguish the construction standards of industrial, commercial and home networks, and carry out construction and upgrades in strict accordance with the actual docking requirements of the access network and the home network. In addition, the construction of smart cities also requires operators to strengthen the interaction and cooperation.

2.2 The Country House Tourism Development

In order to better build a smart city, the construction of basic communication facilities should be more advanced. This is an inevitable requirement for building a smart city, a development opportunity for basic communication infrastructure construction, and a choice and challenge for basic communication infrastructure construction. The biggest problem facing communication network operators is how to meet the needs of smart cities. At this time, the Internet application technology is represented by Html. With the emergence of dynamic web page technologies in the later period, such as ASP, there are gradually forums and commercial websites. Dynamic website is already the mainstream application technology in the 21st century. In the early days, due to the diversification of dynamic website technology, developers can provide Asp. Net, Jsp, Php and other technical choices, with the support of these technologies, the software systems that can be applied through the Internet are more diverse, including human-computer interaction through browsers as tools, client-server interaction, etc. The concept of integration can be understood as: on the basis and premise of standardization and specialization, the various parts of a whole are organically connected with each other and coordinated to work in order to exert the overall benefit and achieve the purpose of overall optimization. Although system integration has been widely used in many fields, the research on system integration at home and abroad has not formed a complete set of ideas and methods.

2.3 The XML Interactive Data Analysis for Online Solutions

Therefore, we have reason to believe that these two age groups may be the main users of the current mobile terminal APP. In terms of occupation, students account for about half, company employees account for 31.45%, and the distribution of other occupations is not much different; in terms of academic qualifications, undergraduates are the main ones, followed by masters; in terms of monthly disposable income, 45% are within 1,500 yuan. .91%, 3001-8000 yuan accounted for 33.97%. AJAX English full name Asynchronous JavaScript and XML, is a web development technology to create interactive, fast dynamic web applications, mainly used in interactive web system development, it the biggest advantage is that the local data on the page is updated without updating the entire page, and the back-end program can respond to the foreground request faster.

Stieglitz believes that industrial integration generally includes three stages. The first stage is the initial stage of industrial integration. There are clear boundaries and scope of activities between the two industries. There is no connection between the groups they serve and the service products they provide, and they are independent.

3. CONCLUSIONS

Consumers' personal cognition (M = 3.8906, SD = 0.69125) is the most important factor affecting the willingness of tourism APP users to purchase country houses. The environmental atmosphere (M=3.7062, SD=0.65332) has the least influence on the purchase intention of the tourism APP users. The realization of the key problems of the core modules such as system security module, housing resource maintenance module, landlord assistant module, and comprehensive query module is realized, and it is proposed to solve the background problems through the J2EE platform. A very convenient online booking platform for homestays has been developed, which not only facilitates tourists, but also makes use of the spare rooms of various landlords.

4. REFERENCES

[1] Wang Yunsong. Design and Implementation of Software Development Progress Information Management System [D]. Northeastern University, 2014.

[2] Gao Jianbin. Design and implementation of software project schedule management system [J]. Science and Technology Plaza, 2015(5):33-37.

[3] Bao Qingpeng, Zhang Xu. Design and implementation of tourism homestay management system [J]. Economic and Technical Collaboration Information, 2021(7):1.

[4] Zhang Yuan. Design and implementation of tourism management system based on UFIDA software [D]. Jilin University.

[5] Yang Gui, Qu Jing. Research on the Influencing Factors of Country House Purchase Intention Based on Travel APP Users [J]. Journal of Sichuan University of Arts and Sciences, 2018, 28(5):8.

[6] Gao Jianbin. Design and implementation of software project schedule management system [D]. Xiamen University.

[7] Yang Ling. Design and implementation of rural supermarket software management system [D]. University of Electronic Science and Technology.

[8] Zhao Xiaoming, Xia Jingren. Using software to realize multi-level project progress control [J]. Construction Technology, 2005, 34(2):2.

[9] Mao Naizheng, Zhang Xin, Xia Pu. A method for realizing a homestay management system based on blockchain: CN109190349A[P]. 2019.

[10] Li Lu. Design and implementation of tourism information service application software based on Android system [D]. University of Electronic Science and Technology of China, 2016.

[11] LIN Wei, LI Xu, LIU Zong tian, et al. Design and Implementation of Software Quality Control Platform Based on TSP*[J]. Computer Application Research, 2006, 23(2): 177-180.

[12] Liu Ying. Research on the development and evaluation of homestay tourism resources: Taking Fuyun Ranch as an example [J]. 2020.

[13] Wu Tao, Xu Yiqun. Design and implementation of scenic tour software based on Android platform [J]. 2022(12).

[14] Hu Pingdong. Exploration of the development model of homestay inn based on tourist attractions [J]. Manager, 2016(33):1.

[15] Chen Li. Research on the development path of rural tourism based on homestay [J]. Rural Science and Technology, 2018(28):2.

[16] Gao Yan. Design and implementation of TCI management software [J]. Medical Information 2005, Vol. 18, No. 7, pp. 711-712, 2005.

[17] Wang Qian. Design and Implementation of Zangjiale Rural Tourism APP Based on Android Platform [J]. Vacation Tourism, 2018(4):2.

[18] Wu Qingju. Research on tourism development of country house based on folk culture [D]. Central China Normal University, 2018.

[19] Zhang Baijun. Design and implementation of software project management platform [J]. Journal of Vocational College, 2012(2):3.

[20] Li Shumin. Design and Implementation of Japanese Software Development Project Management System [D]. Shandong University, 2012.

[21] Wei Nadi. Design and Implementation of Family Hotel Management System [D]. Shandong University, 2012.

[22] Xu Shihan, Li Lingshu, Fan Lijin, et al. Application and practice of AR technology in the development of country houses--taking Yongtai County, Fujian Province as an example [J]. Heilongjiang Grain, 2022(1):3.

[23] Xu Mei. Design and Implementation of Business Software Development Process Management System [D]. Harbin Institute of Technology, 2006.

[24] Zhang Juhui. Design and implementation of a homestay online management platform based on PHP [D]. Xiamen University.