Design and Development of Member Platform of Public Platform for Service Outsourcing Association

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ABSTRACT

In this article, the authors will analyze the development of the platform from two aspects of demand analysis and design process, and the feasibility of the technology to explore the specific methods of implementation, as well as the design of test cases. A detailed description of the design requirements and functions of the service outsourcing platform, and the flow chart of the platform. The service platform uses a wide range of application of the JAVA language. Complete the verification and preservation of large amounts of data is released on the accuracy of the project in order to facilitate the establishment of the database, with data management based on MySQL. The bottom layer uses the Struts2+Spring3+MyBatis framework. The platform can meet the user release of the project and bidding information management requirements. Also, it has an overall friendly interface, perfect information storage, is accurate, and easy to use.

KEYWORDS

Enterprise Cooperation, MySQL, Publish the Project Bidding, Service Outsourcing

1. INTRODUCTION

In China’s current research on the development of service outsourcing industry is relatively small, and the development of various enterprises in China’s current situation and demand, the scale of service outsourcing companies is generally relatively small, to meet the demand side of the service outsourcing requirements. This situation has seriously affected the cooperation between enterprises. Now the network has become a lot of people exchange platform. At the same time, most companies they hope to be through the network to carry out exchanges and cooperation with other enterprises.

Enterprises in the need to outsource when the project will encounter many difficulties, such as time constraints, staff restrictions, restrictions on the working environment, economic constraints, etc., because these restrictions may lead to two companies are not unified opinion, wasting the manpower and material. Therefore, the establishment of a business can cooperate with the platform, is very necessary. Enterprises through the platform to publish the need to outsource the project, and the specific needs of public, so that the intention of the enterprise to bid. Effectively improve the contractor due to time constraints and delay the start of the project situation, enhance the interaction between the two sides. So the development of the platform is very urgent.

Service outsourcing platform system not only requires stability, openness, real-time, but also should have security. The platform system uses three WEB system, and uses Java to achieve background processing. The front end combines Html, Css, JavaScript, and JQuery to better interact with the user.

DOI: 10.4018/IJAPUC.2018010101

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The control layer uses Struts2 to implement the handling of background requests. In the persistence layer using Mybatis framework, the data of the operating statement completely handwritten, multi-table associated operation easier and more convenient.

2. SERVICE OUTSOURCING ASSOCIATION PUBLIC PLATFORM DEMAND ANALYSIS REPORT

2.1. Project Overview

Project requirements: With the development of outsourcing services, as well as enterprise projects and personnel outsourcing needs, make full use of network information and scientific and technological means to achieve the needs of enterprises supply and demand. The establishment of a business needs to achieve a powerful outsourcing service platform, it is necessary. Project objectives: to show the service outsourcing industry news and other content; the main function is to allow enterprises to publish projects and personnel outsourcing information. By reviewing the information entered by enterprises to determine the correctness of the project information, legitimacy, so that other member companies can effectively bid Fei (Chen. 2009). Project restrictions: the company computer screen size is more fixed, the screen layout error.

2.2. Project Plan

2.2.1. Assignment of Project Members

1. Project Manager: mainly responsible for communication with customers, access to accurate project requirements, as well as the overall progress of the project to grasp (Mingrikeji. 2012)
2. Site art: responsible for the site prototype and website page layout style design
3. The main technical staff: responsible for the construction of the project framework, the overall grasp of the technology, as well as the resolution of the problem
4. The project team: the main responsible for the collection of information, the preparation of the code and their own part of the test
5. Project testers: Responsible for individual testing and comprehensive testing of the project (Guangxin Li. 2011)

2.2.2. Progress Control of the Project

1. 2016-01-15 ~ 2016-01-20, Project analysis stage, with the customer market analysis and customer demand for the discussion of the project.
2. 2016-01-21 ~ 2016-01-31, To carry out the needs of the project analysis, to understand the different needs of different staff, combined with customer needs, to determine the specific needs of the project.
3. 2016-02-01 ~ 2016-02-10, To carry out the project design, design screen prototypes, and customer communication to determine the function of the project.
4. 2016-02-11 ~ 2016-02-15, To carry out the project style and layout design, and communicate with customers to determine the overall color and style of the project.
5. 2016-02-15 ~ 2016-02-20, Detailed project design, draw a flow chart, determine the database structure, and determine the platform function.
6. 2016-02-21 ~ 2016-04-04, To carry out project development, to determine the distribution of personnel, and to determine the standard coding standards.
7. 2016-04-05 ~ 2016-04-08, For the project testing, divided into single test and comprehensive testing.
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