International Journal on Applications in Information and Communication Engineering
Volume 8 : Issue 1 : June 2022, pp 29 – 33 www.aetsjournal.com ISSN (Online) : 2394 - 6237

NET CLASSIFIED BASED APPLICATION

SOUNDARYA . K , K. RENUKA

Abstract— This Project entitled "Net Classified Based Application". Objective of this system is to providing a PC Grid. Solution focused on the workers of unorganized sector includes mason, carpenters, gardener, painter etc. PC Grid is a Web-based solution through which workers registered themselves for a specific skill. Using this system general public or organized sector user can select the workers as per their need. At the time of worker selection he/she can view the skill, references given by those who have taken their service in the past, area (worker location) and availability of a particular workers System sends SMS to a selected workers regarding work and customer details. workers confirms either through phone or this system and either fixed up meeting or work start date. Organized sector user or general public can rate worker skill, charges, particularity about time, dedication, behavior, habits etc through this system. Users can put their demands regarding particular skill workers along with project location, and project details.

Keywords—PC Grid, SMS, Worker Location, Web Based Solution.

I. INTRODUCTION

Net classified based application at the time of worker selection he/she can view the skill, references given by those who have taken their service in the past, area (worker location) and availability of a particular workers System sends SMS to a selected workers regarding work and customer details. workers confirms either through phone or this system and either fixed up meeting or work start date. Organized sector user or general public can rate worker skill, charges, particularity about time, dedication, behavior, habits through this system. Users can put their demands regarding particular skill workers along with project location, and project details.

Soundarya K, Student, B.Sc Computer Science, Rathinam College of Arts and Science, Coimbatore, Tamil Nadu, India – 641021, (e-mail: krupakaransoundarya@gmail.com).

Mrs.K.Renuka, Head of the Department, Department of Computer Science, Rathinam College of Arts and Science, Coimbatore, Tamil Nadu, India – 641021, (e-mail: hod.csc@rathinam.in).

II. SYSTEM STUDY

1) Existing System:

The current system is a manual system like physically the users can trace the information about the workers and contractors by using newspapers or advertisements given by the corresponding people. And mainly the users can face a difficulty about the charges for the work done by worker. To find a particular skilled worker is s also difficult. To know worker skills, semi skills and performance is difficult to trace. Contractor also having difficulty to join a worker in their organization without knowing anything about the worker a headache .

2) Demerits of the Existing System:

1. Extremely slow and time consuming.
2. Student's details sorts it manually.
3. Retrieval of data is very difficult.
4. Not enough security.
5. Execution issues when relying on automated alerts.
6. It may complicated to manage some difficult projects.

3) Proposed System:

Users can find various skills and semi skills within the system and Users can easily search for a contractor based on skills and semi skills and they can easily search for a worker based on skills and semi skills.

III. PROPOSED WORK

A. Module Description:

Site Administrator

Administrator is treated as a super user in this system. He can have all the privileges to access the system. Admin can manage the skills and semi skills, along with that he can view how many workers and contractors register in each category of the semi skills. He is the eligible person to fix the

charges for the skills exists in this application. He can generate the reports for administration purpose. He can also view the registered users. The User authentication process through a Role Based Authentication. These users are authenticated to the website by providing the credentials which they got at the time of registration. Administrator can categorize the skills and semi skills information

Worker (from unorganized sector)

The Worker should able to register to the site with their contact details, skill set, semi-skill set, their ID proof details mandatorily. These users are authenticated to the website by providing the credentials which they got at the time of registration. The User authentication process through a Web Service. This user should able to see the ratings and they can provide ratings. Should have facility to communicate with other users like Admin, contractors, general public.

Customer (Organized sector)

The Customer should able to register to the site with their Contact details, Skill set & Semi-Skills set of the Workers available, their ID proof details mandatorily. These users are authenticated to the website by providing the credentials which they got at the time of registration. The User authentication process through a Web Service.

User login:

User Registration / Login

After the registration, he will be issued with valid user id and password by the Administrator. The user can log in to the system with this User Id and Password. After successfully login into the system, the user moves to the instruction web page where A user's account allows a user to authenticate to a system and to be granted authorization to access resources provided by or connected to that system; however, authentication does not imply authorization. To log into an account, a user is typically required to authenticate oneself with a password or other credentials for the purposes of accounting, security, logging, and resource management. Once the user has logged on, the operating system will often use an identifier such as an integer to refer to them, rather than their username, through a process known as identity correlation.

User Privileges:

Offer Data

The client can share their information with another client in the same gathering the information will decipher by way of setting information.

Transfer Data

The client can transfer the document to the cloud. What's more, the Admin can enable the information to store in the cloud.

Download File

The client likewise downloads the cloud record by the conditions.

Acknowledge client

The administrator can acknowledge what the new client asks for and furthermore dark the clients.

Permit client document

The clients can transfer the document to the cloud. Furthermore, the administrator can enable the documents to the cloud then just the record can store in the cloud.

B. Types of Testing:

System testing

System testing is the state of implementation, which is aimed at ensuring that the system works accurately and efficiently as expected before the live operation, commences. It certifies that the whole set of programs hangs together System testing requires a test plan, that consists of several key activities and steps for running the program, string, system, and user acceptance testing. The implementation of a new design package is important in adopting a successful new system

Testing is an important stage in software development. The system test's implementation should be a confirmation that all is correct and an opportunity to show the users that the system works as they expected It accounts for the largest

percentage of technical effort in the software development process.

Unit Testing

Unit testing is testing changes made in an existing or new program this test is carried out during the programming and each module is found to be working satisfactorily. For example in the registration form after entering all the fields we click the submit button. When submit button is clicked, all the data in the form are validated. Only after validation entries will be added to the database.

Validation Testing

Software validation is achieved through a series of tests that demonstrate conformity with requirements. Thus the proposed system under consideration has been tested by validation & found to be working satisfactorily.

Output Testing

Ask the user about the format required by the tests and the output generated by the system under consideration. It can be done in two ways, one on screen and the other in printer format.

Testing results

All the tests should be traceable to customer requirements the focus of testing will shift progressively from programs Exhaustive testing is not possible To be more effective testing should be which has a probability of finding errors.

The following are the attributes of a good test

1. A good test has a probability of finding a errors
2. A good test should be “best of breeds”
3. A good test to be neither simple nor too complex.

C. System Implementation:

System Implementation is the stage in the project where the theoretical design is turned into a working system. The most crucial stage is achieving a successful new system and giving a user confidence in that the new system will work efficiently and effectively in the implementation stage.

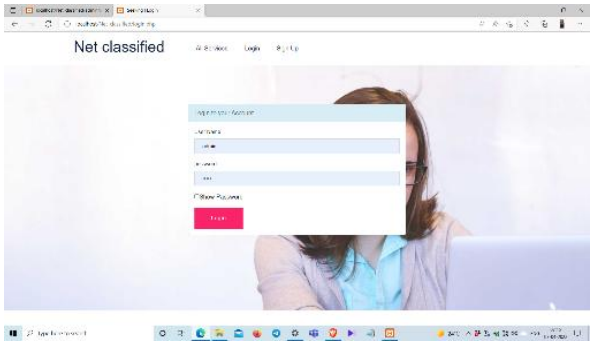
The stage consist of

1. Testing a developed program with sample data
2. Detection and correction of error
3. Creating whether the system meets a user requirements
4. Making necessary changes as desired by users.
5. Training user personal

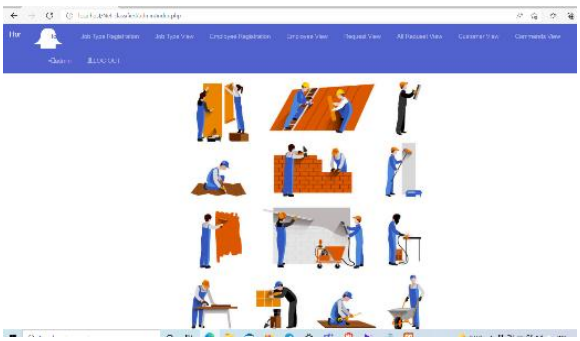
The implementation phase is less creative than system design. A system design may be dropped at any time prior to implementation, although it becomes more difficult when it goes to the design phase. The final report of the implementation phase includes procedural flowcharts, record layouts, and a workable plan for implementing the candidate system design into a operational design.PHP and MYSQL has offer very efficient yet a simple implementation technique for development of the project.

IV. EXPERIMENTAL RESULTS

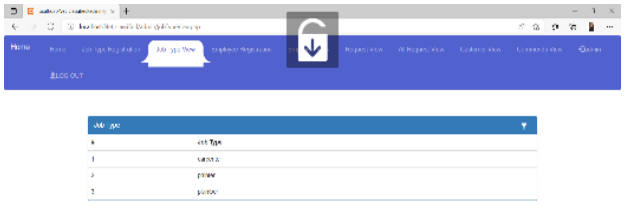
Admin Login



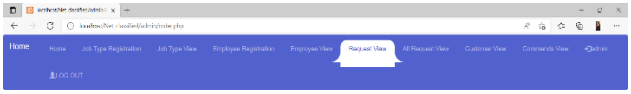
Home Page

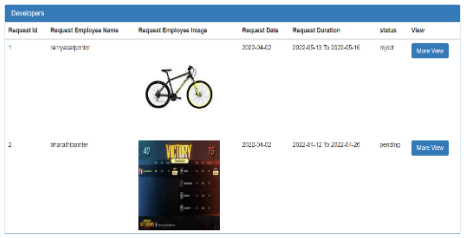


Past Work

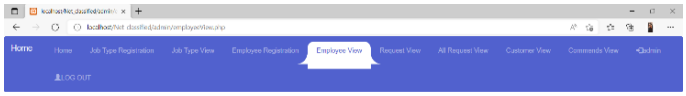


Ongoing Work

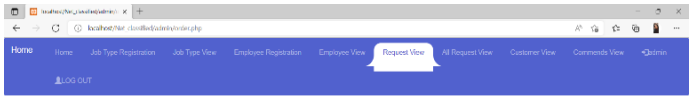


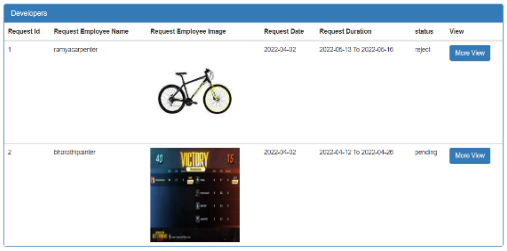


Employee View



Request View





V. CONCLUSION

The "Net Classified Based Application" has been developed to satisfy all proposed requirements. The process is maintained more simple and easy. The system is highly scalable and user-friendly. Almost all the system objectives have been met. The system has been tested under all criteria. The system minimizes the problem arising in the existing manual system and it eliminates the human errors to zero level. The design of the database is flexible ensuring that the system can be implemented. It is implemented and goes through all validation. All phases of development were conceived using methodologies. Users with little training can get the required report. The software executes successfully by fulfilling the objectives of the project. Further extensions to this system can be made required with minor modifications.

FUTURE ENHANCEMENT

Net classified Based Applications Users can find various skills and semi skills within the system now and users can easily search for a contractor based on their skills. People can give the feedback of the worker performance. The individuals who substantiate themselves at work and exhibit a promise to continuous learning have excellent advancement potential. It can be hard to precisely tell what job will involve until the point that you are really doing it and obviously it is conceivable to shape a job to suit once you are set up in it.

REFERENCES

[1] David Powers, "PHP Solutions: Dynamic Web Design Made Easy", Edition 2, illustrated, revised, 2011.
[2] David Powers, "PHP Object-Oriented Solutions", Edition 2, illustrated, revised, 2011.
[3] M. Hills and P. Klint, "PHP AiR: Analyzing PHP Systems with Rascal," IEEE, pp. 454-457, 2014.
[4] P. Kyriakakis and A. Chatzigeorgiou, "Maintenance Patterns of large-scale PHP Web Ap-plications," IEEE International Conference on Software Maintenance and Evolution, pp. 381-390, 2014.
[5] E. Merlo, D. Letarte and G. Antoniol, "SQL-Injection Security Evolution Analysis in PHP," IEEE, pp. 45-49, 2007. https://doi.org/10.1109/wse.2007.4380243
[6] L. Eshkevar, F. Dos Santos, J. R. Cordy and G. Antoniol, "Are PHP Applications Ready for Hack?," IEEE, pp. 63-72, 2015. https://doi.org/10.1109/saner.2015.7081816
[7] I. Herraiz, D. Rodriguez, G. Robles and J. M. Gonzalez-Barahona, "The Evolution of the Laws of Software

Evolution: A Discussion Based on a Systematic Literature Review," ACM, pp. 28:1-28:28, 2013.

[8] T. Mens and S. Demeyer, Software Evolution, Berlin: Springer, 2007.

[9] "ISO/IEC 9001: Quality management systems -- Requirements," International Organiza-tion for Standardization, 1999.

[10] S. Bergmann and S. Priebsch, Real-World Solutions for Developing High-Quality PHP Frameworks and Applications, Wiley, 2011.