

Article

Online Tutor Finder

Aditya Singh¹, Charvi Dosi², Yashika Vijay³

^{1,2,3}Computer Science and Engineering, RTU Kota, Rajasthan, India.

I N F O

Corresponding Author:

Aditya Singh, Computer Science and Engineering,
RTU Kota, Rajasthan, India.

E-mail Id:

s.addy1317@gmail.com

How to cite this article:

Singh A, Dosi C, Vijay Y. Online Tutor Finder. *J Adv Res Info Tech Sys Mgmt* 2020; 4(2). 17-21.

Date of Submission: 2020-09-08

Date of Acceptance: 2020-10-11

A B S T R A C T

Online tutor environments useful in education typically include the use of learning management systems or Virtual Learning Environments such as Moodle, Sakai, WebCT, Blackboard. Online tutoring possibly will also be obtainable either unswervingly finished the virtual learning environment of a tutoring service or via a link during a learning management system. In the principal case, the learner or his/ her parents could even be required to shop for tutoring time previously the conveyance of service, while many educational institutions and major textbook publishers sponsor a specific quantity of tutoring deprived of an instant charge to the learner.

Keywords: PHP, HTML and CSS, MYSQL, XAMPP, JS

Introduction

The E-a webportal is utmost frequently one particularly intended internet site that fetches information together from diverse sources in a incessant way. Typically, each information source gets its intense area on the page for showing in fo (a portlet) frequently, the user can arrange which of them to show. Alternatives of portals comprise Mash ups and intranet "dashboards" for executives and managers. The amount to which content is displayed during a "uniform way" might be contingent upon the intended user and consequently the proposed determination, also as the diversity of the content. Very often design importance is on a certain "metaphor" for arranging and customizing the presentation of the libraries. In addition, the role of the user in a corporation may determine which content are often added to the portal or deleted from the portal configuration. A portal may use an enquiry engine API to allow users to look in intranet content as against extranet content by restricting which domains could also be searched. Apart from this mutual search engines feature, web portals may propose additional services such as e-mail, news, stock quotes, information as of databases and even entertainment content. Portals propose how for enterprises and organizations to source even look and feel with access control and procedures aimed at multiple applications and databases, which otherwise would be different web entities at various URLs. The features

available could also be restricted by whether access is by a licensed and authenticated user (employee, member) or an anonymous site visitor.

Examples of primary public web portals were AOL, Excite, Netvibes, iGoogle, MSN, Naver, Lycos, India times, Rediff, and Yahoo!. See for example, the "My Yahoo!" feature of Yahoo! which may have encouraged such features as the later Google "iGoogle" (discontinued as of November 1, 2013.) The configurable side-panels of, for example, the modern Opera browser and the option of "Speed Dial" pages by most browsers continue to reflect the earlier "portal" metaphor accessibility, decreased cost, decreased difficulty or any other method clearly has its benefits to the larger community.

Existing System

As per our research we didn't find any running system available in the Companies, Institutions, etc. This whole concept is very new and unique. The system will reduce the processing time of the whole resignation procedure, with reduction in the paper work also. As we are looking towards the Green Earth mission, this system will definitely be going to help. The System provides benefits for both students and teachers in their respective fields.

Proposed System

We propose the system which is very unique and is well

built. For the ease of usage, we deployed this whole system online which helps in accessing the accounts easily from anywhere and anytime. A part from this the system has very easy and unique user interface designed basically on PHP. The employee can easily send the resignation request to the clearance department and within few days he/ she can get the report of his total dues and the remaining work which he/ she has to complete before leaving the organization. The resignation seeker can easily cancel his/ her request. Basically, it provides an interface for consumer using the system for teaching and learning.

Literature Review

We propose the system which is very unique and is well the main purpose of developing the system is to provide the flow of education and employment to the people. The system is helpful for people willing to give education in their individual fields and for students who have the eager to learn. The system is a web portal which requires requirements of teacher and student such as registration and other details. Teachers can upload their field of teaching and students can search for field of interest to study. This creates a balance between student and teacher, who prefers to the old methodology of studying. The usage of this system can be done multipletimes as it remains for multiple usage. Only things required for operating the system is having a web browser and internet connection. It provides ease for user to find their local tutor and contact them instead of searching door to door.

Methodology

The system is developed using certain tools like RSA, Notepad++, XAMPP Server, PHP and chrome browser. Firstly, the system designing is done by making the UML Diagrams on the IBM tool RSA, this tool provides the facility to develop. The Use Case Diagram, Class Diagram, Sequence Diagram, etc. in very short duration with great ease. The whole system is developed part of the paperis done on the Notepad++. The Front end of the system is designed using HTML and CSS and the available Bootstrap. As we talk about the back end of the system the whole database is made on the MYSQL platform with the available set ofqueries, and for emergingthe database the tool name php My Admin is used which comes with Xampp Server,

Data and Result

The basic requirement for this paper is data as these are collected and stored in a database server, these data are stored in MYSQL and XAMPP Server. The data is collected in In relational databases and flat file databases, a table is a set of data elements (values) using a model of vertical columns (identifiable by name) and horizontal rows, the cell being the unit where a row and column intersect. A table has a specified number of columns but can have any

number of rows. Each row is identified by one or more values appearing in a column subset. A precise choice of columns which uniquely identify rows is called the primary key. "Table" is alternative term for "relation", although there is the variance in that a table is usually a multiset (bag) of rows where a relation is a set and does not allow duplicates.

Besides the actual data rows, tables generally have associated with them some metadata, such as constraints on the table or on the values within columns. (Dubious discuss) the data in a table does not have to be actually stored in the database. Views also functions relational tables, but their data are intended at query time.

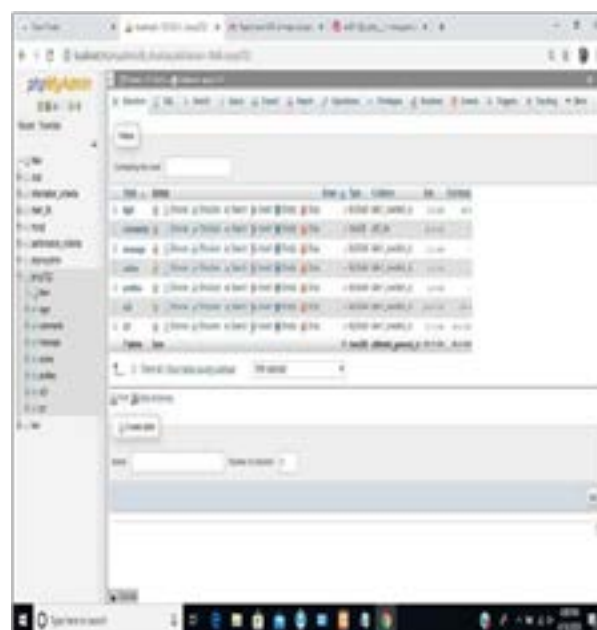


Figure 1. Main Database of Online Tutor Finder in XAMPP Server

MySQL is free and open-source software underneath the terms of the GNU General Public License and is similarly available under a variety of proprietary licenses. MySQL was owned and backed by the Swedish company MySQL AB, which was subscribed by Sun Microsystems (now Oracle Corporation). In 2010, when Oracle acquired Sun, Widenius forked the open-source MySQL paper to create Maria DB. MySQL is a component of the LAMP web application software stack (and others), which is an acronym for Linux, Apache, MySQL, Perl/PHP/Python. MySQL is used by many database-driven web applications, including Drupal, Joomla, phub, and WordPress. MySQL is also used by many popular websites, including Facebook, Flickr, Media Wiki, Twitter, and YouTube.

Thus, this paperis going to prove very useful in the upcoming time. This paperwill ease work of finding teacher administrator as this web portal will provide a easy way for the both student and teachers to perform all the nearby

search and various lookups. This application provides all the minute information about the teachers which are present in nearby area with their profile and phone number same is applicable with students It has been often observed that due to lack of resources, the students are not able to harness the benefits of education. Here is an attempt to full fill this objectives with an approach to share and help eachother.



Figure 2. Main System of Online Tutor Finder in web Portal

The above given Figure display about the main page of the system which is a web portal for online Tutor Finder.

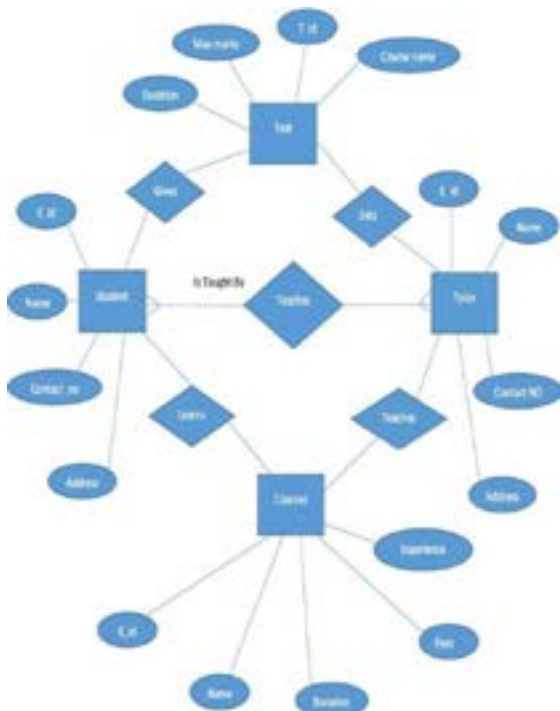


Figure 3. E R Relation Diagram of OFT

Discussion

Coming on the discussing the numerous characteristics of papers related to its, hardware and software requirements, testing, drawbacks, etc. As we know the working of the paper, we can discuss about the few aspects as well

Hardwarer Equiremnts

INTEL or AMD based computer or MAC OS X Leopard 10.5.8

RAM: 2GB

Hard Disk: 500 GB

Processor: Intel Core i3 or above

Softwarer Requirements

Operating System: Windows 10 Front Design: HTML and CSS

Front-End-Language: HTML and CSS

Back-End-Language: PHP, MYSQL, XAMPP, JS

Testing Functional Testing

- Internal Links

All internal links of the website were checked by clicking each link individually and providing the appropriate input to reach the other links within.

- External Links

Till now no external links are provided in our website but for future enhancement we will provide the links to the candidate's actual profile available online and link up with the election's updates online etc.

- Mail Links

No mail links are provided in our website till this stage but this is also a future enhancement of our website to trigger mails to people for keeping them updated about the online registration dates, the polling dates and other details.

- Broken Links

Broken link are those links which so not divert the page to specified page or any page at all. By testing the links on our website there was no link found on clicking which we did not find anypage.

Performance Testing

Performance testing can be valuable to comprehend the website's scalability, or to level the performance in the environment of third-party products such as servers and middleware for possible purchase. This can only be done once it is put into usage on the actual internet server and tried by the users.

Drawbacks

As studying and operating on the system, no major drawback has been found yet, but for our user some difficulty may

occur such as it must have a proper internet connection and web browser to operate the system. For the info this system provides searching of tutor not for providing online classes.

Future Scope

PHP is the best option as per la test survey holds 40% market share in worldwide Internet market with more than thousand websites around the globe. So, it is the best platform available today for the development.



Figure 4.Chat System for OFT

It is getting more and more advanced, the weak computation power and the limited cache in mobile are still existed compared to computer. It is majorly used for the purpose of web development and scripting work to get relevant results. As this paper provides services which is very necessary, we hope that this paper have a wide future scope. As we are soon starting registration because of hustle in coaching and funders. I hope that every tutor and student will use it.

Implementation

It presents a detailed description of the online tutor finder system. It represents the functional and non-functional requirements of the online tutor finder. It defines the abilities and guidelines of the system. This document will be complete in its scope of the system and the functions required. The system allows the tutors to complete the resignation procedure by sending the system generated resignation letter. So, to complete the procedure the tutor has to complete the registration procedure asked at the beginning by the admin.

The main objective of this paper is to provide a two-way portal for all the users who want search their nearby students and teachers efficiently. In big cities it is hard to get to coaching which are located very far from your residence so it better to find a good teacher in nearby area but still getting a good teacher is by searching door to door it's a hard job. So, this paper will help those who are skilled and want to teach something to others and always hungry to learn.

The first tier displays the client which is student and teacher, they have a clear interface (Front-End) to operate the system or in other terms it can be said as they can access the client

side. Where as on the second tier it provides application and business components to the user, simply it provides service to the user. On the last we have the third tier either know as (Back-End) or the server side which contains the data of the system all across, the server side contains data base and are access through client side only. Thus, these are the implementation of system.

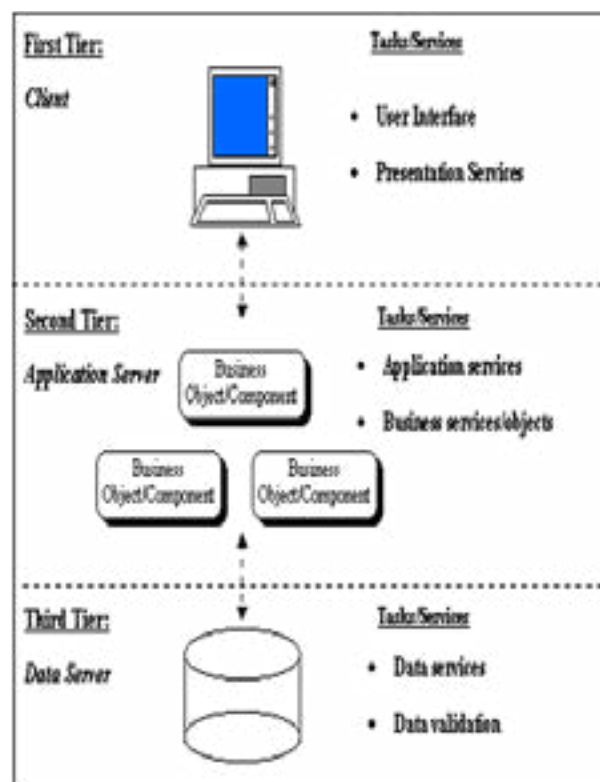


Figure 5.Implementation Diagram of OFT

Conclusion

In the world where thus, this paper is going to prove very useful in the upcoming time. This paper will ease work of finding teacher administrator as this web portal will offer an easy way for the both student and teachers to perform all the nearby search and various lookups.

This application provides all the minute information about the teachers which are present in nearby area with their profile and phone number same is applicable with students has been often observed that due to lack of resources, the students are not able to harness the benefits of education. Here is an attempt to full fill this objectives with an approach to share and help each other thus this paper is going to prove very useful in the upcoming time.

This paper will ease work of finding teacher administrator as this web portal will provide a easy way for the both student and teachers to perform all the nearby search and various lookups. This application provides all the minute information about the teachers which are present in nearby area with their profile and phone number same is applicable with

students It has been often observed that due to lack of resources, the students are not able to harness the benefits of education. Here is an attempt to full fill this objectives with an approach to share and help each other

Acknowledgement

We express my sincere thanks to my paper guide, Miss. Ankita Joshi, for guiding me right from the inception till the successful completion of the paper. I sincerely acknowledge him for extending their valuable guidance, support for literature, critical reviews of paper and the report and above all the moral support he had provided to me with all the stages of this paper.

A special thanks goes out to the Head of Department (Computer Science and Engineering), Mr. Giriraj Khandelwal who has always given a patient hearing to all out doubts and provided useful suggestions for completing the report.

I would also like to thank the supporting staff of Department of CSE (GCT) for their help and cooperation through out the paper.

References

1. https://www.unlv.edu/sites/default/files/page_files/27/Engineering-%20PreparingPaperIEEE-
2. <https://www.ieee.org/conferences/publishing/templates.html>
3. <https://typeset.io/formats/search/?form>
4. [tId=7571580208800f8572b783 b996ff7646.](https://typeset.io/formats/search/?form&id=7571580208800f8572b783b996ff7646)
5. [https://www.youtube.com/watch?v=yVF-52xpHlk.](https://www.youtube.com/watch?v=yVF-52xpHlk)
6. <https://www.ieee-pes.org/images/files/pdf/pg4-sa>
7. [ple-conference- paper.pdf](https://www.ieee-pes.org/images/files/pdf/pg4-sa-ple-conference-paper.pdf)
8. <https://www.scribbr.com/category/research-paper/>
9. <https://www.aresearchguide.com>
10. <https://en.wikipedia.org/wiki/XAMPP> [9] [https://](https://en.wikipedia.org/wiki/PHP)
11. en.wikipedia.org/wiki/PHP
12. <https://ieeexplore.ieee.org/document/6787157>
13. [https://typeset.io/formats/search/?formatId=b-](https://typeset.io/formats/search/?formatId=b-d6e521f7882457205e08f840f57a74d)
14. [d6e521f78824572 05e08f840f57a74d](https://en.wikipedia.org/wiki/HTML)
15. <https://en.wikipedia.org/wiki/HTML>
16. <https://www.w3.org/standards/webdesign/htmlcss>
17. <https://en.wikipedia.org/wiki/MySQL>
18. <https://en.wikipedia.org/wiki/JavaScript>
19. https://www.unlv.edu/sites/default/files/page_files/27
20. [Engineering-PreparingPaperIEEE-](https://www.unlv.edu/sites/default/files/page_files/27)
21. <https://www.overleaf.com/gallery/tagged/ieee>
22. <https://www.citlpapers.com/>
23. <https://guides.library.illinois.edu/cs>
24. <http://www.guide2research.com/journals/>
25. <https://cs.stackexchange.com/questions/7136/where>
26. [to-find- published-research-papers](https://cs.stackexchange.com/questions/7136/where)
27. <https://www.bibme.org/ieee>
28. <https://www.wikihow.com/Write-a-Research-Paper>
29. <https://www.esc.edu/online-writing-center/resources>
30. [29.research/research-paper/](https://www.esc.edu/online-writing-center/resources)
31. [30. https://marathon.csee.usf.edu/~sarkar/IEEEformat.html](https://marathon.csee.usf.edu/~sarkar/IEEEformat.html)