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Dynamic and Hands-free College Website

Mandar Sudhakar Khare, Naresh Chandrakant Jainapur, Suraj Chandrakant Shelake

Student, Dept. of Computer Engineering, KJCOEMR, Pune, Kothrud, Pune, Maharashtra, India

ABSTRACT: A website can be defined as collection of web pages and other digital data that is hosted on the web server. These websites can be accessible to web users through the internet. The web pages that main website containing are accessed from main home page and resides on same server. A website can be more user-friendly if it is more attractive and appropriate. Every buttons, links, images must be in a format which can make it more useful and easy.

KEYWORDS: Etc as etceteras and i.e for that is.

I. INTRODUCTION

The website which is under development process is for our college to make it attractive and dynamic as possible. Compare to the existing site, there are lot of new things we are planning to add like external form links, student-staff logins and many more sections.

The working of our website is as follows:

1. Main Page that is home page will have lot of links or tabs.
2. Home page will contain all relative information about college and campus, facilities and infrastructure.
3. Student corner will have student login, admission forms, other forms and examination form. (This will make our proposed website more useful.)
4. Staff Corner will have staff login, all information about staff and facility to add student's remarks, attendance and excellence.
5. Administrative section will have all other facilities related office work etc
6. There will be a suggestion box appear on every page to drop some suggestion from user for betterment of website.

Every student, staff and support members of the institute will have their own login id. There will be login provision for already registered user and a facility new membership for new members. Only admin of the webpage will have responsibility for displaying the recruiters form on the home page, in response to which student can submit new data.

II. RELATED WORK

In [1] we came to know how header elements should add in website. Like masthead section is to be located at the top of every page and must include some points as follows: a) Site Branding, b) Site Title, c) Skip the content link, d) Search, e) Contact information link, f) Accessibility links etc.

Also Navigation elements are that much important as header elements to provide navigation system i.e user centered so that visitor can easily locate the service required.

In [2] we learned that the homepage must be different from all other web. This will project a good impression to all who visit the website developed. To make it more simple and easy to use make a tabular form for home page. Showing major contents and their links on home page will make user more satisfied.

In [3] there is wide information provided related to creating the site map to access pages very easily. Site map is nothing but the visual representation of contents. By taking content categories we can create site maps in unique structure.

In [4] there is helpful information about improving web design quality. The good page cluster model provides analysis about design quality and it reports that the page is well centered and balanced.

In [5] what do web users do? and do they want from website is given in very simple way. Considering that the website users are among the most widely used applications, there has been only modest research into how they are used.

Thus we get information about to know your user requirements and how they can use this website?



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In [6] what is the best way to organize information in a website is given very properly. Points that have been described in this paper like, 1. Hierarchy always the best structure? , 2. How many levels should a website contain? , 3. Should webpage is more deeply designed with more elements?

In [7] there is lot of information given upon development of web information system which is helpful for developing our website. One of our basic assumptions was that web applications are becoming increasingly business critical, and this would be reflected in the organization of the development work.

In [8] in this reference we came to know that the method we should use in web development must be very strong and straight. A case study is most important thing that we must use as contemporary phenomenon within its real life structure.

In [9] appearance and multimedia captures aspects that relate to site's "look and feel" with special emphasis in state of the art graphics and multimedia artefacts.

In [10] so the use of UML activity diagrams reflects conceptual vagueness. It mixes services and other procedural activities such as user login services.

In [11] the website should use nice colours to design the backgrounds of the website that are appropriate for its audience. This aspect supports the personalized trait in the website.

In [12] we discussed the aesthetic and functional factors affect the success of the design in different cultural environments.

III. PROPOSED SYSTEM

1. Website that going to develop will be more Interactive and useful than existing website.
2. Website will be more easy to use and reliable that everyone will login with unique id.
3. It will be having all types of information about institute.
4. It will cover admission forms, university exam form links, other exam related links, fees structure in student study corner.
5. Website will be having information about each and every upcoming event.
6. Student can also register and login to the website.
7. It will be having wide database with staffs and students information.

IV. EXISTING SYSTEM

1. Existing website is good structured website but there is lack of some good design and information that will reflect the institute properly.
2. The existing website also doesn't have login facility for anyone.
3. Webmail and wide database is missing.
4. Information about institute, staff, teaching faculty, alumni, events and related media is very short.
5. Quality of photos that websites gallery section contains is very low.
6. To overcome on issue of opening website on several devices is not solved with using bootstrap.

V. FUTURE WORK

For the future work we have left a section as attendance, remarks of assignments, marks obtained in exams and any notices, that will be send on every students contact number and mail id.

Also for staff institute will set a format for paid leaves and other emergency leaves or any other notices like salaries, meetings and other programs notifications , this things will directly send through message on their phones.

VI. CONCLUSION

This research paper has provided a dynamic way to develop attractive website with some features that will make this website more useful. The simple approach and wide use of elements made it different from existing website. Without making it complex we have added more facilities and made it more user-friendly. System models of navigation and their impact on the users will make it more efficient.



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REFERENCES

1. ACT Government, "Website Development Standard", Version 1.0, Vol.1, Australia ACT.Gov, Page no. 11-12, 2014.
2. Michael O. Leavitt, Ben Sheniderman, 'Research-Based Web design and Usability Guidelines', Vol.01, Washington, Page no. 58-64, 2003.
3. Princeton University, 'Guide to creating website information architecture and content', Version2.2, Vol.2.2, Page no. 19,2008
4. Melody Y. Ivory, Marty A. Hearst, 'Improving website design', University of California, Berkeley, Vol.01, Page no. 7, 2002.
5. Andy Cockburn, Steve Jones, 'Improving Web page Revisitation', New Zealand, Vol.1.0, Page no.2, 2010.
6. Mary B. Evans, 'Challenges in developing Research-Based Web design Guidelines', VOL2.3, Page no. 9, 2000.
7. Peter H. Carstensen, Lasse Vogelsang, 'Design of web based information system', Denmark, Page no. 7, 2009.
8. M.J.Taylor, J.McWilliam, H.Forsyth and S.Wade, Research Method, 'Methodologies and website development : a survey of practice', Vol. no. 01, Page no. 02, 2002.
9. Vassilis S. Moustakis, Charlabos Litos, Andreas Dalivigas and Loukas Tsironis, Appearance and media, 'Website Quality Assessment Criteria', Greece, Vol. no. 01, Page no. 06, 2009.
10. Sabah Al-Fedaghi, UML-Based Methodology, 'Developing Web Applications', Vol. no. 02, Page no. 03, 2011.
11. Faisal Ahmed Al-Salebi, 'The Important Characteristics to Make a Good Website', Vol. no. 04, Page no. 02, 2010.
12. S. Duygu Bedir Eristi, Introduction, 'Cultural Factors in Web Design', Vol. no. 1.2, Page no. 02, 2009.

BIOGRAPHY

First author, Mandar Sudhakar Khare, is a student in department of computer science at the KJCOEMR, Pune, Maharashtra India.

Second author Naresh Chandrakant Jainapur, is a student in department of computer science at the KJCOEMR, Pune, Maharashtra India.

Third author Suraj Chandrakant Shelake, is studying in department of computer science at the KJCOEMR, Pune, Maharashtra India.