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“Review on Web Based Community Portal to Enhance Intra-Networking Communication”

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ABSTRACT: It is online company networking service. This application is design for company to communicate with all employees as well as sharing information within employees in one platform to share the information. Using this company portal all the member who working under that company get online notification for meeting, presentation and workshops etc. For accessing this application the users profile will be created by HR and the HR will provide username and password to each employee who are working under that HR. Then each employee can change their own password at any time when they want. The admin will provide the username and password to each HR of that company. And fill the HR registration form to create HR profile. We are doing this for providing security to the application.

This application is used to connect users to communicate with each other. The objective of this project is to create application which is used by the employees, CEOs and other members of the company and the access is restricted to outsiders. There are three main modules in this application the first is administrator module and the second is HR module and third is user module. Administrator module is only use by administrator and who has all the rights to manage all information and only admin can upload the news. HR module works under Admin module and has almost authorities User module is used by all employees in the company and they have rights to access only their own accounts. The need of this portal is to data sharing, especially images, pdf sharing and chatting.

Keywords: Employee portal, Chat box, enterprise, e-community.

I. INTRODUCTION

‘Online Network Portal’ is specially design for company to bring the commercial usage to the employee needs under one platform. It also designed by keeping in mind easy access, all important information related to company. This Web page is used for the company to communicate with their different branches. It is a common place for enterprise to service clients in distant parts of the company.

It is online company networking service. This application is design for company to communicate with all employee as well as sharing information within employees in one platform. Using this company portal all the member who are working under that company get online notification for meeting, presentation, etc. For accessing this application user will get the username and password from the HR to login in the portal, then user can login and user can change their password at any time. This application is used to connect users to communicate with each other. There are three main modules in this application the first is administrator module, second is HR module and third is user module. Administrator module is only use by administrator and who has all the rights to manage all information and only admin can upload the news. HR module works under Admin module and has almost authorities. User module is used by all employees in the company User module is used by all employees in the company and they have rights to access only their own accounts.



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II. LITERATURE REVIEW

Few years ago globalization has had a profound impact on organizations worldwide. Organizations have grown beyond national boundaries in terms of operations as well as customer requirements. It is a place for company to provide service for clients in distant parts of the world. As the competition in the market created by global economy has increases it has become important for organizations to find new solutions or way to increase productivity, it offers higher levels of service and at low cost. One of the factors that can help an organization to achieve the above goals is the ability to make quick business decisions[1].

The accuracy taken by business decisions depends on the quality of analysts (human resources) as well as access to relevant and timely information. Proper availability of knowledge resources and management is essential to help analysts in the decision process. An Enterprise Information Portal is a solution to provide relevant and timely information to employees in an organization. Technology, especially the Internet can help us significantly in achieving this goal[1].

Every organization has employees who are experts in their respective areas. Since employees often need basic and cross-domain knowledge to fulfill their duties, such domain expertise can be utilized across the organization to help employees access the knowledge they need to quickly resolve problems and issues. Information in the form of documented 'best practices', etc, help in ensuring that mistakes are not repeated again. Information about organizations previous decisions can help to employees in making better current decisions[1].

A portal, which facilitates capturing of data and images, storage, searching of data, and retrieval of information, and provides tools to facilitate collaboration among employees will be tremendously useful in helping organizations utilize their information resources. Such a solution can provide employees timely and personalized access to organizational information. Contribution to the organizations knowledge base by employees can reduce the cost of employee turnover. Distributed organizations will benefit by the seamless availability of information across offices of different branches of company. Enterprise Information Portals are a possible solution to create proper information access channels in an organization[2].

An Online Employee Network (OEN) uses web technologies to integrate people, information, and processes in an organization as well as the extended enterprise. Online Employee Network is provide a unified view of the organization (by bringing together disparate sources of information) to employees. They provide access of organizational information and processes to employees based on their organizational role. Several companies have made attempts to harness their information resources to cut costs, reduce cycle times, and increase overall profitability of the company[2].

The Internet, especially in the form of the Web, has caused a paradigm shift in application of technology. Web-based solutions offer the following advantages –

- *Ease of Access* - Widespread access allows users to be seamlessly connected immaterial of geographic location.
- *Ease of Deployment* - Deployment cost & effort is very economical
- *Ease of Maintenance* - Application Maintenance is centralized, leading to low maintenance overheads, and the ability to continuously enhance the solutions.

Web technologies make it possible to make large systems and data, accessible across the organization, thus unifying the organizations knowledge beyond geographical boundaries[2].

An Enterprise Information Portal (EIP) uses web technologies to integrate people, information, and processes in an organization as well as the extended enterprise. EIPs provide a unified view of the organization (by bringing together disparate sources of information) to employees. They provide access of organizational information and processes to employees based on their organizational role[2].

Key Benefits of an EIP:

- Better performance by employees as a result of access to personalized, relevant and updated information.
- Increased efficiency and faster business cycles, and reduction in costs.
- Better decision making through access to disparate corporate information presented to the user from a unified easy-to-use web interface.
- Increased collaboration and interaction within and across the enterprise.
- Reduced training related expenses through knowledge sharing.



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An Enterprise Information Portal is not one technology or application. It is a collection of components, which come together to provide the user a unified interface to the organizations information and business processes[2]. Since a portal focuses not only on information accessibility but also on e-business management, it must incorporate various processes that are part of the organization as well as those by which an organization deals with its customers, partners, etc. The process management component consists of functions to process and route information related to regular business processes, receive and respond to state changes in any information, and trigger events based on rules, etc[3].

Collaboration enables an organization to integrate its people and processes across several places or locations. Collaboration supports synchronous as well as asynchronous interaction among users regardless of physical location. Several collaboration tools such as chat utilities, threaded bulletin boards, video and audio conferencing tools, are widely used. Collaboration mechanisms help people within the organization to communicate issues, and gain knowledge from interaction with human resources. This helps in accessing the tacit knowledge held by individuals in the organization[3].

III.RELATED WORK

It is online company networking service. This application is design for company to communicate with all employees as well as sharing information within employees in one platform. As it is a online company portal the employees of different branches of different cities can also communicate with each other and post on the portal. Using this company portal all the members who working under that company get online notification for meetings, presentations and workshops etc so all other employees can know about any urgent information related to company. In this company portal employees can post images, pdf's, ppts or status related to company and other employees can comment on that post. There are three main modules in this application the first is administrator module and the second is HR module and third is user module. Administrator module is only use by administrator and who has all the rights to manage all information, the main news related to company which will display on the main page will only display by the admin only admin has this authority to upload the news. Admin provide username and password to HR. HR module works under Admin module and has almost authorities related to lower level module and has right to take action on them. HR keeps watch on all users. User module is used by all employees in the company and they have rights to access only their own accounts.

For accessing this application the users profile will be created by HR and the HR will provide username and password to each employee who are working under that HR and company. Then each employee can access their account by login using username and password created by HR and can change their own password at any time when they want. After login any employee can post information on this application which can be seen by all other employees, HR or admin. The Admin will done the HR registration and provide the username and password to each HR. Then HR can change their password any time when they want. We are doing this for providing security to the application. This application is used to connect users to communicate with each other. The objective of this project is to create application which is used by the employees, CEOs and other members of the company and the access is restricted to outsiders. Here we also provide facility of changing the password for maintaining security purpose. Also if any user on the portal forgot his password then there is a facility of sending password on that persons email-id. So they can access it again whenever they wish. All the data saved in the database. The news contains all the important news related to that company and only admin can upload the news employees and HR can only read the news. Updated advertisement related to company are upload admin this advertisement and new related to company are displayed into the profile page of each employee and admin have rights to manage this news and advertisement. On the main page the username and password for HR and employee. If HR want to login then he/she enter the username and password which provide by admin and select the HR option and login into the portal. HR knows all information of employee but the admin knows all information of employees as well as HR. All main task related to portal can only be done by admin, only admin has the authority to post news and to see all information of employees and HR.

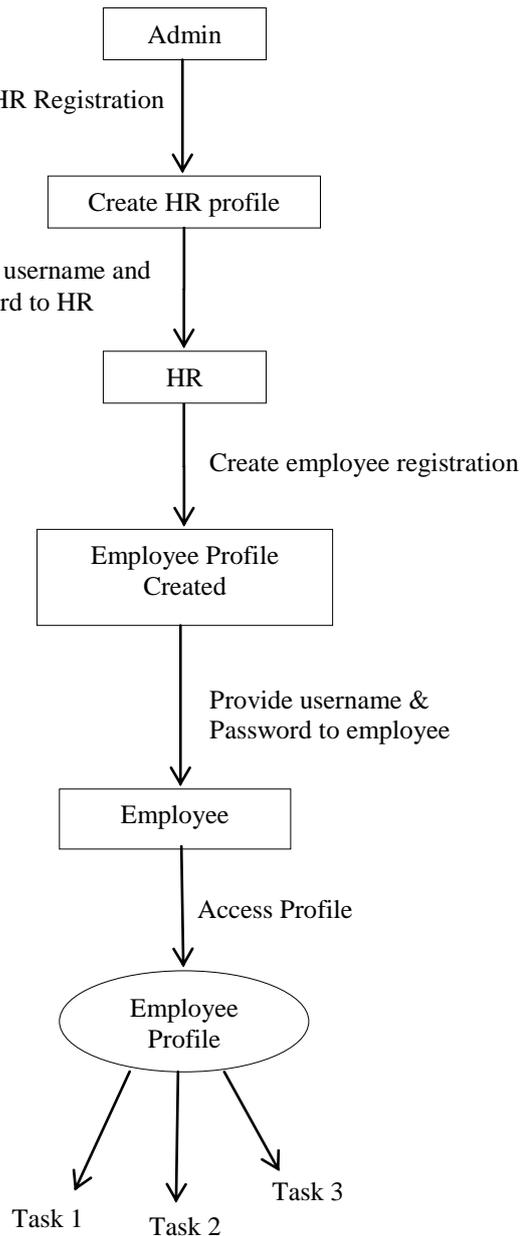
In this portal one employee can send friend request to other employee and even also possible to make chat with other employees. We also provides facility of chat box. HR will get all details about the time duration of chatting between two employees we are doing this for providing safety to the data in the company.

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Data Flow Diagram:





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III. PROPOSED PLAN

In Proposed System we implemented a concept of Facebook application for the collaborative management to shared data(images, videos, pdf's) enables multiple associated users to specify their authorization policies and privacy preferences to co-control a shared data item. We also implement chat box to make chatting with other employees of company. The proposed system overcomes the difficulties of the existing system by providing the user with a user-friendly interface for handling the various tasks that would be tedious if carried out in the existing system.

Security and authorization has been implemented so that fear of unauthorized access has been completely eliminated. The system stores everything in the form of tables in database making data easily available for retrieval and storage.

1. Supports multi users
2. High security
3. User friendliness.

An Online Company Networking uses web technologies to integrate people, information, and processes in an organization as well as the extended enterprise. Online Company Networking provides a unified view of the organization (by bringing together disparate sources of information) to employees. They provide access of organizational information and processes to employees based on their organizational role[2].

IV. CONCLUSION

The project **Online Employee Network** designed with much security and also with easy access for the users in accessing different application under one platform. It also provides the data security of the user storing in the database.

This is suitable for all kinds of organization. Easy to access for Non-technical persons also because of user friendly environment can easily handle this package. This is an easier, faster, compact and reliable package which is applicable in all circumstances to an organization.

V. FUTURE SCOPE

- Provide facility to send all updates on user's mobile like sending message on mobile.
- This application can use as mobile application like Facebook, what's app.

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