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An online Activity Tracker web application using ASP Dot Net

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***Abstract*—** Activity Tracker is a web-based application for primarily providing Services to Companies who hire Consultants from vendors/suppliers. The main aim of this application is to Reduce Administrative costs by automating the workflow (via Web) taking place between the people on the Company-side and the people on the vendor-side and the hired Consultants. This Application is useful for preparing the timesheets, which are entered by the consultants. Time sheet consists of company and project details and for each task like coding, design, testing, and documentation etc, the number of hours they worked throughout the week. Consultants having the permission to enter the time sheet. Also can check different types of reports based on project or client wise. These entered Time sheets can be approved or rejected by the manager (approver).this approving the time sheets is done by manager at the end of week by selecting option called week ending dates. At the manager's login there are reports based on different search criteria. To maintain the details of users, projects, consultants, permission to login users and define the new roles can be done at administrative tasks. This application is maintaining three types of logins consultant, manager and administrator. Consultant can act as timesheet entry or expense sheet entry. Manager role is to approve the time sheet or expense sheet. And admin maintain all the details of consultants, managers, projects and roles. This reduces administrative costs for the company side.

Keywords: -Consultant, Manager, Administration, Repots**.**

1. INTRODUCTION

The Activity Tracker is a web-based application for primarily providing Services to Companies who hire Consultants from vendors/suppliers. The main aim of this application is to Reduce Administrative costs by automating the workflow (via Web) taking place between the people on the Company-side and the people on the vendor-side and the hired Consultants. This Application is useful for preparing the timesheets, which are entered by the consultants. Time sheet consists of company and project details and for each task like coding, design, testing, and documentation etc, the number of hours they worked throughout the week. Consultants having the permission to enter the time sheet. Also can check different types of reports based on project or client wise. These entered Time sheets can be approved or rejected by the manager (approver).this approving the time sheets is done by manager at the end of week by selecting option

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called week ending dates. At the manager's login there are reports based on different search criteria. To maintain the details of users, projects, consultants, permission to login users and define the new roles can be done at administrative tasks. This application is maintaining three types of logins consultant, manager and administrator. Consultant can act as timesheet entry or expense sheet entry. Manager role is to approve the time sheet or expense sheet. And admin maintain all the details of consultants, managers, projects and roles. This reduces administrative costs for the company side.

2. RELEATED WORK

Existing System:

Existing system has tracking of time sheet information manually. It is a laborious process to track the work done by each and every individual in the organization. Hourly tracking of work is not possible in manual process. If the work has to be handed over to another person, keeping track of work done by the previous person and then tracking of task of the new person is a difficult job.

Proposed System:

Current application implements the following features. Creation of time Sheet Searching and modification of time sheet Approval and Rejection/revoking of time sheet User Maintenance Administering Users, Roles, Privileges, Companies etc.

3. IMPLEMENTATION

Consultant

Once the User clicks on the Consultant, he will be viewed with four options. They are

Time Sheet Details

Once the user (Consultant) clicks on the Time Sheet Details, he can view the Time Sheet of all the consultants present in the company. The Company can even look at each of the consultants time sheet and analyze the work status of each project undertaken them.

Modify Time Sheet

Once the user clicks on the Modify option, then he can be able to search the consultant by the keyword/client wise / project wise / rejected / approved / error wise and make necessary changes if requires , by clicking on the Modify option.

Search Time Sheet

Once the user clicks on the search option, then he can be able to search the consultant by the keyword/client wise / project wise / rejected / approved / error wise.

Manager

Manager is the person who is somewhat a high personality in the hierarchy, where he can make comments on the work performance of his subordinates. Once the user clicks on the Manager option then he will be driven to the page with the following options.

Manager Report

When the user is manager then he can review the entire time sheets produced by the consultants or the employees, if he is satisfied by the time sheet produced by the consultant / employee then by clicking on the option Approve Time Sheet he can approve the entire timesheet of that particular consultant / Employee.

Search

Once the user clicks on the search option, then he can be able to search the consultant/employee by the keyword/client wise / project wise / rejected / approved / error wise.

Administration

Administrator is the Key person to maintain the security of the project, he plays a vital role in assigning the user privileges. He even takes care of the entire site to run smoothly. Once the user clicks

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on the Administration option then he will be driven to the page with the following options.

Create User

When the user clicks on the Administration module the default page is User. Here the user is administrator so he can create the user names registered to the company with the username, password, full name and their designations.

Modify User

When the user clicks on the Modify user then he can view the users of their user name with their passwords and he can modify password of the user.

Delete User

When the user clicks on the option Delete user then he can delete user details.

Delete Timesheet

When the user clicks on the option "Delete Time Sheet" then the administrator can delete all the information of their clients. The entire information of the client company is stored with their name, URL, their complete address and phone numbers.

4. EXPERIMENTAL RESULTS

Fig:-1 Home Screen of the application

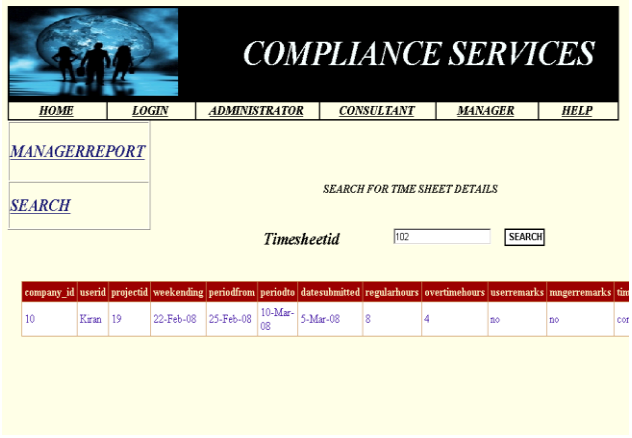

Fig:-2 Search Repots

Fig:-3 User Actions

5. CONCLUSION

The "Activity Tracker" has been successfully completed. The goal of the system is achieved and problems are solved. The package is developed in a manner that it is user friendly and required help is provided at different levels. The project can be easily used in the process of decision-making. Different types of reports can be generated which help the management to take correct decision and reduce the time delay which automatically increases the company's work standards as well as the economical state of the company.This system never decreases the manpower but helps the development of available manpower and optimizes

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the manpower by which company's standards and capabilities can be scaled to higher dimensions.

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