

Employee Performance Analysis Management System

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Abstract - Employee Performance analysis Management System (EPAMS) is an automated system that can be useful to employees, team leads and managers in any functional organization. We are interest in developing system for getting information about developer / employee effort in organization. This system any browser like Google, Chrome, Firefox, Internet Explorer etc. Here admin register new employees i.e. team leads, developers and store their details in database and also add new project details in database. He also assigns team members to team lead and can view the team details of the team lead. Team leads will know about current working project details and then he creates sub modules of an assigned project and manages those modules according to the requirement. Employees can view current project information as well as current assigned tasks and send queries to team leads and view replies. He / She can their effort spend on an assigned task in a time unit.

Key Words: Track Effort, Management, Manager Developers.

1. INTRODUCTION

Employee Performance Analysis Management System is an automated system that can be useful to employees, team leads and managers in any functional organization. We are interest in developing system for getting information about developer/employee effort in organization. This system any browser like Google, Chrome, Firefox, Internet Explorer etc. EPAMS gives the facility to define the projects in the organization and also allows tracking the efforts spent by the employees for that particular project related task. A report generation facility is supported in EPAMS that allows the team leads and managers to analyze effort spent by employees to an assigned project. This tool can help managers for effort estimation per project.

1.1 OBJECTIVE

The principal targets of the paper is to decrease the efforts of administrator to keep the day by day possibility or occurrence of project. This system give function or office to follow efforts spend by respective project on a particular task. The manual system offers us to less information to reduce this difficult we have to execute this application.

1.2 ISSUE DEFINITION

This current system isn't giving secure registration and profile the managing of the considerable number of clients appropriately. This framework not giving on-line help. This manual system gives us extremely less security for saving data and a couple of data might be lost in view of mismanagement. This manual system gives us extremely less security for saving data and a couple of data might be lost in view of mismanagement. The structure is giving simply less memory use for the customers. The framework additionally not offering advice to execute and adjust the framework.

2. IDENTIFY, RESEARCH AND COLLECT IDEA

In [1], author aims to begin the discussion for road map to improve the design principles that permit efficient management of smart spaces. The vision of system is to grant for autonomous, self-adapting and self-manageable services. Services are self-determining by means of association with user, resources and services. These services are self-adapting to interface with environment. Manufacturing of goods place a crucial role in our day to day life very quickly. Due to the increasing of technology the goods manufacture fastly. Those goods are stored in the go downs for few days before supplying them. So systematic management storage space is essential.

In [2], author proposed in every university, college of student and secondary schools attendance management mandatory. Manual authentication of attendance of log books has become a difficult task to maintain. This also time consuming process so, to resolve and manage the attendance of institution smart attendance management system is implemented. In this paper, we implemented a system which maintains the attendance records of students appropriately and automatically. This system involves a figure print sensor for availed authentication of a student. The module provide student attendance percentage results at the end of each semester and to include qualification of each student to write their respective semester.

In [3], author fought for a system celebrating events such as festivals, wedding, birthday parties etc have become a fun part of life. That results into planning the event and establishing Management Company with the increasing rate of customers for celebrating event with the increasing of event at larger rate. It difficult to manage the event by using traditional system. To overcome the downside of traditional system an advance smarter event management system has been implemented with modern technology of dot net frame work for managing task and planning for customer.

In [4], author proposed Smart vehicle management system aim at improving the safety measures and reducing the traffic congestion. The number of vehicles exceeds the capacity of a road that result in to traffic congestion. Loss of life due to road accident is a main concern for every country and most of them are happen due to negligence. Auto machine of vehicular system help to reduce the road accident. By using latest technology like global positioning system and smart phone, it is easiest to avoid collision with obstacles. A fuel monitoring system can improve the performance of vehicle and help to reduce fuel theft. This vehicle management system gives an efficient system for traffic control and also help to reduce the road accident.

3. METHODOLOGY

The methodology of this system defines how to implement project. It is basically used to how the data is collected, how the data is stored and how to retrieve data according to the user requirement. This system explain how these data can be analyzed. In this project model the administrator to register the employees add assign the projects to the team leaders and also assign the team to the team leaders. Team leader divided the modules in to sub tasks and assign developers. Once task is completed to submit to the higher authorities. The main feature of this system is to track the effort spent by employee on particular task. The main concept of this methodology is represent the overall structure as well as working procedure of the system. The data can be stored in database. It stores all information of management details in the form of fields. Data base store data and also data is display in table format only.

4. EXISTING SYSTEM

This existing system is not providing secure registration and profile management of all the users properly. This system is not providing on-line Help. This system doesn't provide any facility to track the effort spent by employees on a particular task. This system doesn't provide any facility to maintain projects and its sub modules online. This manual system gives us very less security for saving data and some data may be lost due to mismanagement. The system is giving only less memory usage for the users. The system also not giving help to implement and tune the system. The system doesn't have facility to generate requirement specific report.

5. PROPOSED SYSTEM

The development of this new system contains the following activities, which try to automate the entire process keeping in the view of database integration approach. This system maintains user's personal details such as address, name and contact details. User friendliness is provided in to system with various controls supported by system rich user interface. Authentication is provided in this system so, that only registered users can have the access. To generate different kind of report. The report generation feature is provided in the system. The system supports facilities to

track the effort spent by employees on particular task. This system also provide facility to manage different projects and its sub modules online efficiently. The system support the facility to control project assignment to team lead by manager along with sub module assignment to developer by team lead. The system can also facility to manage different developer team and their assignment to their team leads. This system build the overall project much easier and flexible. The system uses more memory to maintain the data for user. This system provides the accessibility check to data with respect to user. This system also maintains the user hierarchy.

6. SYSTEM ARCHITECTURE

This system will defines that how the data is collected or stored and how it is analyzed. It is basically used to define the overall architectural as well as working procedure of the process. All the information of management is stored in database as well as data is display in table format only.

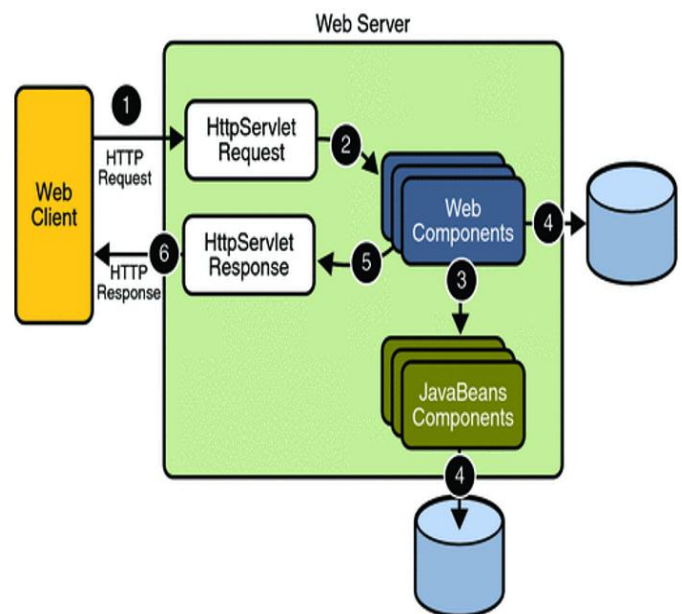


Fig -1: System Architecture

7. OUTPUT SCREENS

7.1 LOGIN PAGE

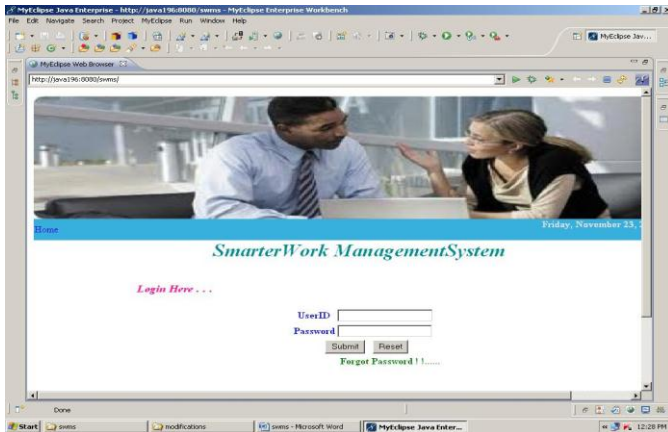


Fig -2: Login Page

7.2 ADMIN HOME PAGE

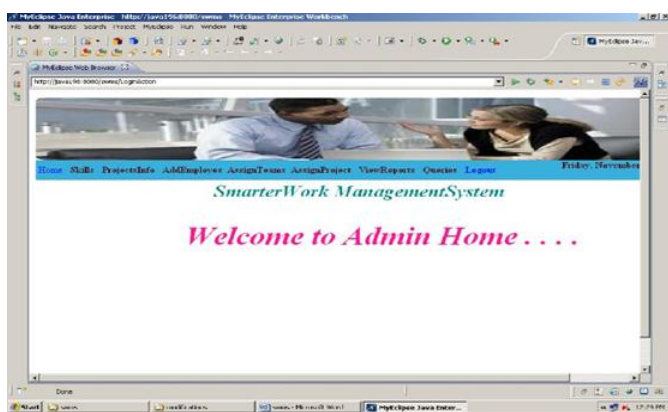


Fig -3: Admin Home Page

7.3 VIEW ALL PROJECTS

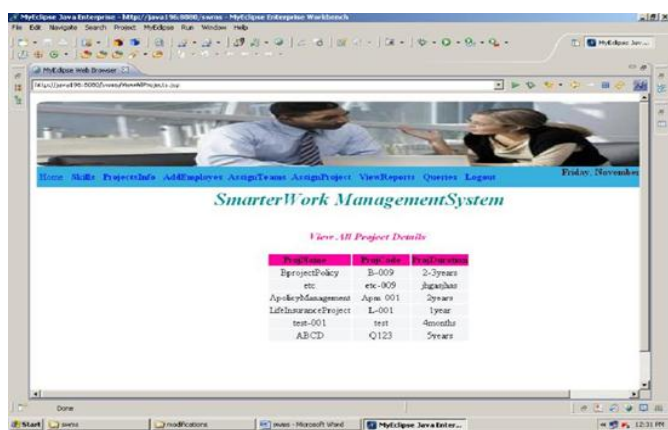


Fig -4: View All Projects

7.4 VIEW ALL EMPLOYEE

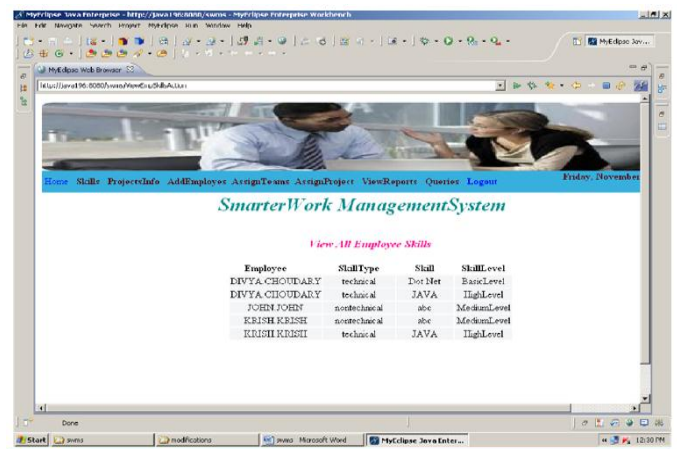


Fig -5: View All Employee

7.5 ASSIGN PROJECTS TO THE TEAM LEADS



Fig -6: Assign Projects to the Team Leads

7.6 SUBMIT EFFORT

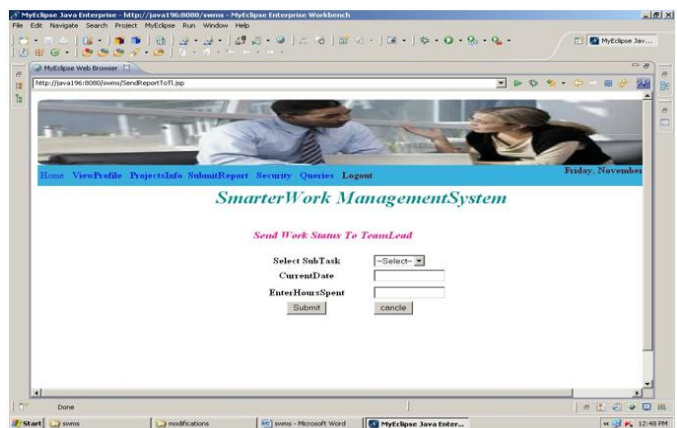


Fig -7: Submit Effort

8. FUTURE SCOPE

The major limitations of this system is track the employee efforts and maintain the employee profile. For the future purpose we need to add graphs representation. This project can be extended to a level such that it can be used for the different types of users. This project can be improved to one more step to make it more efficient and more user friendly. This project can developed as android also. For the future recommendations to include data storage then easy store and retrieve the data. This project also provides facilities to manage different projects and divided in to sub modules. For the future extension to add transactions also.

9. CONCLUSIONS

Employee Performance Analysis Management System (EPAMS) is an automated system that can be useful to employees (developers), team leads and managers (Administrator) in any functional organization. EPAMS gives the facility to define the projects in the organization and also allows tracking the efforts spent by the employees for that particular project related task. The EPAMS was successfully designed and tested for the accuracy and quality. In the project we have expert all the objectives and this EPAMS encounters the requirement of the origination. The developed project will be useful for searching, generating and retrieving the information for the concerned requests. The EPAMS has mainly the following advantages they are web enabled quick finding of information which is required, lowered entry work, easy reclaim of information, decreased the error due to human interference, user friendly screen to enter the data, adaptable and portable for further enhancement.

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BIOGRAPHIES



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