

Project Management Portal

System Requirement Specification

Introduction

This is an online portal for a large/medium company to easily keep track of planning and scheduling of various projects going on in different departments.

Description

This product has various interfaces for different types of employees which allow them to assign/start and keep track of the task. An authorised user can reassign the task to a different employee. This way a company can keep track of all tasks of all the projects completed, ongoing or yet to be started. It can also be used to assess the performance of employees and the company as a whole over a period of time.

Functional Requirements

All the employees can login into the portal using their employee-id and password. Depending on the post the employee holds, he is granted different privileges like

- CEO
 - Can create/terminate a project
 - Assign the project to a Project manager
 - Modify ongoing projects
 - Can view the activities of all employees and progress of all projects
- Project manager
 - Assigns sub-projects to departments
 - Can only view the progress of the projects assigned to him
- Department Head
 - Divides the sub-projects into tasks and assigns them to the employees
 - Can re-assign/remove the tasks
- Employee
 - Can change the status of the task assigned to him
 - Can view all the tasks given to him

Database Design

- It will contain tables like
 - Employee (emp_ID, name, sex,)
 - Post (post_ID, post_name, dept)
 - Project (pro_id, name)
 - Subproject
 - Task
 - Prerequisite
 - Password
- ER Relations
 - Task → Employee
 - Task → Subproject
 - Subproject → Project
 - Project → Department
 - Employee → Post

External Interface Requirements

Web is used as interface. It can be accessed using any web browser. The product is built using JAVA Servlets in glassfish server using MySQL as the database.

Performance Requirements

- 1 CEO
- 1000 – 2000 Employees

Team

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