

# **JAVA/J2EE Training Program**

## **J2EE Task #1**

### **Simple Task Management System**

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## **Requirements**

Before starting of this task, trainee should be finished the first tow section of the JAVA/J2EE tanning program documentation which describe the main topics about the J2EE, servlet and JSP.

## **Estimation time**

This task will be take about 40 hours.

## **Description**

At this task, trainee will be build a simple task management system used by a company that has the following hierarchy:

- Manager
- Team leaders
- Developers

Each one of them have tasks assigned and personal information. Manager has access to all team leaders and developers, can see the hierarchy for the team leader and their tasks, and has the authority to add new records for the new employees. Team leader can see his/her developers and their tasks as well as can assign new task for them. Developer can see his/her own task and can do actions on those tasks by marking the tasks status as “Done”, “In Progress”, or “Completed”, etc.

## **Task parts**

- 1- Create the data base table.
- 2- Create database connection class.
- 3- Create login, logout section.
- 4- Create other required pages.

## **Result**

- Fully Web Application Site. Which has home, login, logout, and user/employee pages.
- User/Employee can login to the site, and he/she can see his/her task.
- If the user is a team leader, he/she can see his/her task as well as his/her developer and their task, and can assign tasks for them.

- Any user can create a new task but the team leaders and manager can approve this task and its auto assigned to his/her lead.
- If the user is a manager, he/she can see his/her team leaders as well as team leader's developer and can make any modification for them.
- Task/User list table is a sortable table.