**System Requirement Specification**

**Automated Salary Management System**

**Group Members** **Enrollment no.**

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**INTRODUCTION:**

**Project Outline**

The task is to build a salary management system for a organization. Current salary system is manual therefore the organization wants to switch to an automated computerized salary management system. Hence we can say, employee salary system will be a subpart of the existing computerized system. Employee salary management system is a web application, enabling the organization to handle salaries of employees of the company. The managers or team leaders of this organization are able to fill out all necessary information of an employee, i.e., residential address, banking details, type of salary either fixed, monthly or hourly and other relevant information. This system should be capable enough to calculate the salaries of employees. Moreover, the system should be able to calculate tax deductions of every employee on monthly basis, throughout offices nationwide, annually.

**Problem Identification**

The organization is using a manual system to calculate salaries and tax of employees. They also have to calculate and keep record of tax of whole organization and maintain tax files manually. The management of organization also has to deal with bank files manually. All this work requires a lot of paper work, is extremely time consuming job, and accordingly costly as well, as they have to hire more man power.

Since there is always a risk of human errors present in a manual system so the chances of errors are very high and to figure out such errors is also a very lengthy procedure.

Therefore, the organization decided to switch from a manual system to an automated computerized salary management system.

The requirement of the organization is to develop an application that is able to deal with salary and tax calculation of employees within the organization and maintain its data base. Furthermore this system should be able to generate automatic files such as, salary slips, bank files and tax files in response of queries from the data stored in the database.

**Project Goals**

The system should be capable of performing following functions:

• Store basic information regarding employees of the organization.

Store salary information of employees (entered by the team leaders in each city) such as, working hours, salary per hour, salary before tax, tax percentage, total amount of tax paid , salary after tax, social security fee, on monthly basis.

• System should be able to generate the following salary information:

1. Salary calculation for every employee for per month and per annum.

2. Total salary calculation for each month for the whole company.

3. Total salary calculation for a year for the whole company.

4. Total salary of the organization within a city per month and per annum.

5. Total salary calculation for every domain of the company, for every month and for the whole year.

**OVERALL DESCRIPTION**

This project is meant to obtain salary of individual with varying taxation reforms of government of India to release work load from accounts department of company to remove any chances of mistake while calculation of pay-slip.

The system we are going to develop is according to the user requirements which will perform salary calculation as well as tax calculation and file handling such as salary slips along with bank invoices. Moreover, the system will be user friendly and flexible enough to be enhanced according to the needs of the users in future.

**REQUIREMENTS**

**FUNCTIONAL REQUIREMENT**

**FR IMPORTANCE DESCRIPTION**

* Security Essential User authentication is required.
* Web Interface Essential Provides interaction between user and database.
* Database Essential Stores the calculated taxes and salaries.
* File System Essential Stores bank files and tax files.
* Search Essential To search out files such as tax files and

salary slips.

**NON-FUNCTIONAL REQUIREMENT**

**NFR IMPORTANCE DESCRIPTION**

* Performance Essential Performance of system should be adequate and fast.
* User Friendly

Environment Essential System interface should be simple and user friendly.

* Application

Maintenance Essential Maintenance and documentation should be done thoroughly.

* Application

Scalability Essential System should be flexible and expendable for future use.

* Platform

Independence Essential System should be capable to work in any environment.

**Languages used**

* HTML
* CSS
* PHP
* MySQL
* JavaScript