A

PROJECT REPORT

ON

# Payroll Management System

**Subject**
System Design Practice

**Bachelor of Technology**
**In**
**Computer Engineering**

**Submitted by**

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## NADIAD-387001, GUJARAT

## CERTIFICATE

**This is to certify that the project carried out in the subject of Software Design Practices, Semester VI entitled "Payroll Management System" and recorded in this report is a work of**

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# ACKNOWLEDGEMENT

With immense pleasure and commitment we would like to present the project assignment. The nature of project on the development of **Payroll Management System** has given us wide opportunity to think, implement and interact with various aspects of management skills as well as the new emerging facilities and the technology used in architecture and the enhancements given to the students with a boon of spirituality and curricular activities.

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Thanks and regards,
Lathiya Parth
Jagwani Abhishek

# ABSTRACT

Payroll Management System (PMS) is a system which is used to maintain records of all the users working in an organization, providing an easy GUI to the user. This System is per organization. At the front end of the system we have used NetBeans IDE in JAVA technology and WAMP server for maintaining databases. The project proceeds through a sequence of well designed JSP pages with validation to security, consistency, reliability, etc. Various users are provided which can perform various operations and tasks for which they have been authorized respectively. Basically there are 4 types of users: Employee, Accountant, HR Manager and Admin. Admin is fully authorized. While other users are authorized upto a certain level. Based on the user authorisation, users can perform various operations like Adding information of new Employee, Updating information, View list of employees, generate pay slip of particular employee, Generate report of the organization. This system is very user friendly and easily maintains all the information for all kind off users without any difficulties. The system also generates fault and error messages in case of invalid operation or the user enters invalid or wrong information for some particular cases. Various UML diagrams are prepared which may help a user to understand the flow of any module/task easily. It contains 6 various UML diagrams. Individual modules of the system are tested later and test cases are generated for that. Later all the modules are integrated and then whole system testing is performed to ensure that the system is error free and secured.

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