

Java Project Report

Employee Management System



Introduction To The Project

- Employee Management System is a program that enables users to create and store Employee Records. The program also enables to see statistical records of the employees. It is helpful to the organization which maintains the data of employees working there.
- This program has various options of registering a new employee, deleting , updating, searching and displaying all of the employees registered.
- Statistical records can also be seen which basically informs us about the average salary, maximum and minimum salary, total bonuses given, percentage of women working and percentage of men in different work role categories i.e Secretary, Technician and Programmer.

Motivation & Idea

- In this modern era of big companies and organizations, it has become very crucial to store and manage data being produced by the company and more importantly about the details of the employees working there.
- Gone are the times when company owners used to store their employee's details manually, in short the bigger the advancement in technology the more it should become easier for us to handle such a situation.
- So, we came up with the idea of this simple Employee Management System.

Benefits

- It is user-friendly and easy to use.
- It can be made more efficient in the near future easily.

Java Concepts Used

- Packages & Class
- Inheritance
- Containers(Array list, maps)
- Exception Handling

Future Extensions

- Multithreading
- File handling

Work Distribution

- Aayush Verma(LIT2020053)- login_page.java, SystemInput.java, Main.java
- Anurag Vats(LIT2020007)- MainMenu.java, ManagementMenu.java
- Tanya Bharti(LCS2020072)- Employee.java, Gender.java, Profession.java, Programmer.java, Secretary.java, Technician.java
- Vaidic Maheshwari(LIT2020004)- EmployeeManager.java
- Ashleysha Sohala(LCS2020071)- StatisticsMenu.java, EmployeeRecords.java

Thank you!

