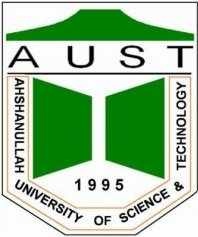
***Ahsanullah University of Science &***

***Technology***

Department of Computer Science & Engineering

****

**Project Report**

**Course Title :** Software Engineering II

**Course No. :** CSE 2100

**Project Name : Employee Payroll Management System (EPMS)**

**Group Name : Dream Weaver**

**Submitted By - Submitted To -**

Humayan Ahmed (16.01.04.034) Raqeebir Rab.

Shahana Alam(16.01.04.032) Md. Towhidul Islam Robin.

**Section :** A

**Group :**  A2

**EMPLOYEE PAYROLL MANAGEMENT SYSTEM (EPMS)**

**INTRODUCTION::**

**The Payroll Management System deals with the financial aspects of employee's salary, allowances, deductions, gross pay, net pay etc. and generation of pay-slips for a specific period.  
The outstanding benefit of Payroll Management System is its easy implementation. Other advantages of Payroll Management System are its extensive features and reports.**

**OBJECTIVE::**

**The main objective of the Java Payroll Management System Project is to manage the details of Employees, Payments, Salary. It also manages all information about the Employee, Payroll . The project is totally built at administrator end of things. Only the administrator is guaranteed the access. The purpose of the project is to build an application that reduces the manual work and it can be used as a school project.**

**TECHNOLOGY::**

* **Netbeans IDE 8.2**
* **Java Swing**
* **SQLITE Database.**

**METHODOLOGY::**

**Login :**

* **Adminstrators only can enter to the system.**
* **They can enter employees information,salaries and other things.**
* **Employees easily can find their salaries information from this system.**

**Home:**

**The login form of adminstrators.**

**Employee’s Information:**

**It is an information form of an employee to stores his/her information on SQLITE database.In SQLITE database system,there is a table called Staff\_information and Users.The main reason behind making this tables is to store the informations.The Staff\_information table stores the datas like-Employees id,Firstname,Surname,Date of Birth,Email,Telephone numbers,Address1,Address2,Department,Employees images,Gender,Salary,Apartment no,Post Code,Designation,Status,Date of Hired and Job title.Again the Users table helps to show the Employees their information is saved successfully.**

**Update Salary:**

**After searhing Employees by their ID we can update their salary by Percentage or Amount.The Updating informations will save in Staff\_information table on Database.**

**Allowance:**

**Mainly,the allowance page is created for calculating the total allowance like medical,bonus and others .Those informations are saved in allowance table in SQLITE database.**

**Deduction:**

**Mainly,the deduction page is created for calculating the total deduction if any employees have any absences .Those informations are saved in deduction table in SQLITE database.**

**Future Scope::**

* **Tex calculation of employees are not added.Which may improve in later.**
* **Updating Pictures of Employees which may improve in later.**
* **Audit Trail to monitor activities** **which will improve later.**
* **Easily export PDF for employee , Payroll, Payslips ,   
  Allowance and deduction records.Which** **will improve later.**

**Conclusion::**

**Our project is only a humble venture to satisfy the needs in a system.  While developing the system a conscious effort has been made to create and develop asoftware package, making use of available tools, techniques and resources – that would generate a proper system. While making this system, an eye has been kept on making it as user-friendly, as cost-effective and as flexible as possible. As such one may hope that the system will be acceptable to any user and will adequately meet his/her needs. This package shall prove to be a powerful package in satisfying all the requirements of the organization.**