### VISVESVARAYATECHNOLOGICALUNIVERSITY JNANA SANGAMA,BELAGAVI-590018

#### **KARNATAKA**



## Assignment Report ON "EMPLOYEE PAYROLL MANAGENEMT SYSTEM"

## SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE DATASTRUCTURES AND APPLICATIONS(BCS304)COURSE OF HISEMESTER

Submitted by

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#### DEPARTMENTOFARTIFICIALINTELLIGENCEANDDATASCINECE



#### **Channabasaveshwara Institute of Technology**





#### Rubric-B.E.Mini-Project[BCS304]

Course	Rubric/Level	Excellent	Good(	Average	Moderate	Score
outcome		(91-100%)	81-90%)	(61-80%)	(40-60%)	
CO1	Identification					
	of					
	projectpropl					
	(05Marks)					
CO2	Design and					
	Implementation					
	(10Marks)					
CO3	Presentation					
	skill					
	(05Marks)					
CO4	Report					
	(05Marks)					
Total						

#### **Course outcome:**

CO 1: Identification of project proposal which is relevant to subject of engineering.CO2: Design and implement proposed project methodology.

CO 3: Effective communication skill to assimilate their project work.CO4: Understanding overall project progress and performance.

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#### Abstract

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#### **Abstract:**

The Employee Payroll Management System (EPMS) is a comprehensive software solution designed to streamline and optimize the payroll process within organizations. With the ever-evolving complexities of payroll administration, this system aims to provide an efficient, secure, and user-friendly platform form employee compensation. This innovative system incorporates cutting-edge technologies and features to address common challenges associated with traditional payroll systems. The primary objectives include automating pay roll processes, ensuring data accuracy, and enhancing overall operational efficiency. The EPMS leverages a centralized database that securely stores employee information, tax details, and compensation records.

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#### **Chapter 1: Introduction**

The Employee Payroll Management System (EPMS) stands as a pivotal solution in modern. This robust system is designed to enhance the efficiency, accuracy, and overall management of employee compensation within diverse work environments. In today's dynamic business landscape, managing payroll manually can be laborious, error-prone, and time-consuming. The EPMS aims to alleviate these challenges by offering a comprehensive and automated platform.

The system evolves with the ever-changing legislative landscape, providing a secure foundation for payroll management. Inconclusion, the Employee Pay roll Management System represents a paradigm shift in the realm of payroll administration. By integrating automation, centralization, and user-centric design, the EPMS contributes to organizational efficiency, employee satisfaction, and regulatory adherence.

#### **Chapter 2: Problem statement**

The existing landscape of employee payroll management within organizations is riddled with Inefficiencies, inaccuracies, and compliance challenges, underscoring the critical need for a robust and modernized Employee Payroll Management System (EPMS)

Manual payroll processes, still prevalent in numerous workplaces, pose a considerable threat to the smooth functioning of HR operations and the financial well-being of both employees and organizations. Firstly, manual payroll systems are inherently error-prone.

The potential for delays and inconsistencies in payroll processing further exacerbates the operational challenges faced by organizations, affecting employee morale and overall workplace satisfaction. In addition to operational inefficiencies, compliance emerges as a pressing concern.

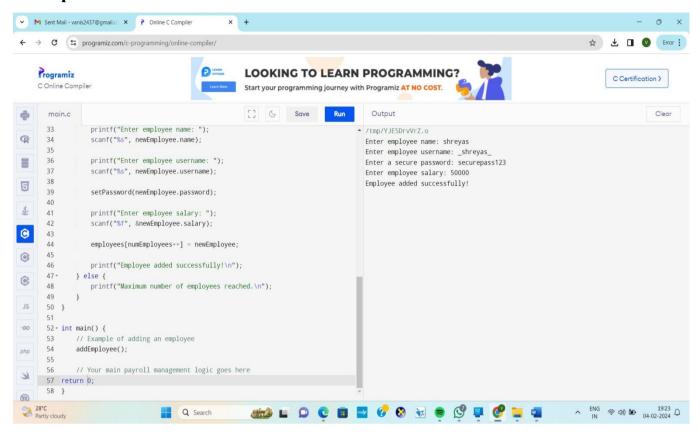
The ever-evolving landscape of tax regulations, legal standards, and reporting requirements poses a challenge for manual payroll systems. Staying abreast of these changes and ensuring compliance becomes a complex and time-consuming task

#### **Chapter3:Implementation**

```
#include <stdio.h>
#include <string.h>
struct Employee {
  char name[50];
  int employeeId;
  float salary;
};
void displayDetails(struct Employee emp, char password[]) {
  char enteredPassword[20];
 printf("Enter the password to view employee details: ");
  scanf("%s", enteredPassword);
  if (strcmp(enteredPassword, password) == 0) {
    printf("\nEmployee Details:\n");
printf("Name: %s\n", emp.name);
    printf("Employee ID: %d\n", emp.employeeId);
    printf("Salary: %.2f\n", emp.salary);
  } else {
    printf("\nIncorrect password. Access denied!\n");
  }
int main() {
  int numEmployees;
  printf("Enter the number of employees: ");
  scanf("%d", &numEmployees);
  struct Employee employees[numEmployees];
 char password[] = "puneeth@123";
  for (int i = 0; i < numEmployees; ++i) {</pre>
    printf("\nEnter details for Employee %d:\n", i + 1);
    printf("Enter employee name: ");
    scanf("%s", employees[i].name);
    printf("Enter employee ID: ");
    scanf("%d", &employees[i].employeeId);
    printf("Enter employee salary: ");
    scanf("%f", &employees[i].salary);
  }
```

```
for (int i = 0; i < numEmployees; ++i) {
    printf("\nDetails for Employee %d:\n", i + 1);
    displayDetails(employees[i], password);
}
return 0;
}</pre>
```

#### **Chapter 4: Result**



#### Chapter 5: Conclusion

Implementing an employee payroll management system brings numerous benefits to organizations, including increased efficiency, minimized errors and compliance risks, enhanced data security, and streamlined reporting and analytics. HRMS payroll software, and payroll management software offer powerful features that simplify payroll processing, improve accuracy, and ensure legal compliance. By adopting these systems, businesses can optimize their payroll processes, reduce administrative burdens, and focus on strategic HR initiatives, fostering employee satisfaction and organizational growth.

# THANKYOU