



PAYROLL MANAGEMENT SYSTEM

A Report for the Evaluation 3 of capstone Project 2

Submitted by

SUNNY CHAUDHARY

(1713104020)

in partial fulfilment for the award of the degree

of

BACHELOR OF COMPUTER APPLICATION

IN

SCHOOL OF COMPUTING SCIENCE AND ENGINEERING

Under the Supervision of

MS. KAMAKSHI GUPTA ASSISTANT PROFESSOR;

MAY- 2020



SCHOOL OF COMPUTING SCIENCE AND ENGINEERING
BONAFIDE CERTIFICATE

Certified that this project report “PAYROLL MANAGEMENT SYSTEM” is
Bonafide work of “SUNNY CHAUDHARY(1713104020)”who carried
project work under my supervision.

SIGNATURE OF HEAD

Dr. MUNISH SHABARWAL,
PhD (Management), PhD (CS)
Professor& Dean,
School of Computing Science &
Engineering

SIGNATURE OF SUPERVISOR

MS, KAMAKSHI GUPTA.,
Assistant Professor
School of Computing Science &
Engineering

Table of Contents

Title	Page no
ABSTRACT.....	iii
LIST OF TABLE.....	xvi
LIST OF FIGURES.....	xviii
LIST OF SYMBOLS.....	xxvii
1. Introduction.....	
1.1 Project Definition.....	10
1.2 Project Description.....	10
1.3 Purpose.....	10
1.4 Scope.....	11
1.5 E-R Diagram.....	12-13
1.6 DFD.....	14-17
2. System Requirements Study.....	
2.1 User Characteristics.....	18
2.2 Hardware and software Requirements.....	19
3. Class Modeling.....	
3.1 Data dictionary for class.....	20-21
3.2 Class Diagram.....	21-22
4. State Modeling.....	
4.1 State Diagrams.....	23-24
5. Interaction Modeling.....	
5.1 Use case Diagrams.....	25-26
5.2 Sequence Diagrams.....	27-30
5.3 Activity Diagram.....	31-33
7. Component Diagram.....	36-40
9. Limitation and future Enhancement.....	43-45
10.References.....	46

ABSTRACT

"Payroll Management System" is one of the core areas of your business.

Usually, it is pursued to manage the employees the employee's expenses, Allowances, salary, Gross Salary, Deduction, Tax and many more for a specific time period. Management and Accounting are two main essential parts for payroll.

Payroll is an area in which you do not want to take any risk because it leads to some financial and serious legal consequences. Payroll is a serious concerns for every SME. It is mandatory for all business to pay every employees as per the government rules and regulations.

Furthermore, this project will develop for company management and enhance business in market and maintain the prestigious and reputation of the company. Others, this project to facilitate company to handle all the legal process and

employee's expenditure properly and systematically.

TABLES

LIST OF TABLES

- 1. use case1-login**
- 2. Use case2-register employee**
- 3. Use case3-printing**
- 4. Use case4-backup database**

LIST OF FIGURES

- 1 .E-R diagram
- 2 Data Flow Diagram(DFD)
- 3 .Class diagram
- 4 State diagram
- 5 Use case diagram
- 6 Sequence diagram
- 7 Activity diagram
- 8 Component Diagram

INTRODUCTION

1.1 PROJECT DEFINITION

A payroll system is software designed to organize all the tasks of employee payment and the filing of employee taxes. These tasks can include keeping track of hours, calculating wages, with holding taxes and deductions, printing and delivering checks and paying employment taxes to the government. Payroll software often requires very little input from the employer. The employer is required to input employee wage information and hours—then the software calculates the information and performs withholdings automatically. Most payroll software is automatically updated whenever a tax law changes and will remind employers when to file various tax forms.

1.2 PROJECT DESCRIPTION

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.

1.2 PURPOSE

Payroll Management System gives you the power to:

- Manage **Employee Information** Efficiently.
- Define the **emoluments, deductions, leave** etc.
- Generate **Pay-Slip** at the convenience of a mouse click.
- Generate and Manage the **Payroll Processes** according to the **Salary Structure** assigned to the employee.
- Generate all the **Reports** related to employee, attendance/leave, payroll etc.
- Manage your own **Security**

It may be difficult to decide which system to choose, but there are some factors keep in mind when deciding. First, analyse the size of your business and decide

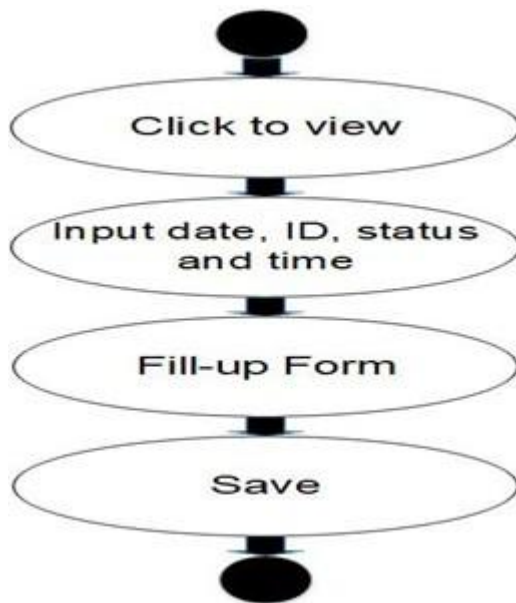
While it is possible for smaller businesses to handle payroll duties in-house through a manual process, much time can be wasted while attempting to calculate everything correctly. One miscalculation and the business owner could find themselves in legal or financial trouble. Mid-sized companies with up to 100 employees benefit greatly by investing in a payroll system.

1.3 SCOPE

1.) Recurring payroll services:

- Gross pay calculation (basic salary, wage supplements, occasional payments, cost reimbursements, etc.).
- Calculation of payroll related taxes and contributions.
- Recording and processing of **garnishments** [NO SUCH WORD IN ENGLISH DO YOU MEAN DISBURSEMENTS] and other deductions.
- Preparation of payroll slips and other outputs broken down by employees or by cost centers for managerial and operational use.
- Data recording and processing in connection with voluntary pension and health insurance funds, reporting to the pension funds.
- Recording of wage and labor-related data (registration of personnel information, holiday and sick leave balances).
- Providing data and information for posting into the General Ledger.
- Data reports and certificates related to payroll processing (to the tax and social security authorities, the Statistical Office, etc.).

ADMIN



- 2.) Full range of Social Insurance management**
- 3.) Tasks related to new comers and departing employees**
- 4.) Annual services connected to payroll processing and social security administration**
- 5.) Preparation and submission of tax declarations**
- 6.) Payroll disbursement services:**
 - Movement of all payments, calculated during the pay processing cycle (net salary,

TABLES

1. Log-In

This is the beginning of the process, where the users are required to log in to be able for them to use it.

Table 1. Use Case 1 – Log In

Name	Log In
Description	The actors must log in to have an account.
Desired Outcome	The actors can view the whole content of the payroll system.
Actors	Admin, User
Precondition	The actors must log in to view the whole content of the system.
Scenarios	<ul style="list-style-type: none">• Log In• View• Done
Work Flow	
Admin, User	
Post Condition	The number of users who used the system will increase by one.
Business Rule	Registered Users

Table 2. Use Case 2 – Register Employee

Name	Register Employee
Description	The user will add new employee data in the database.
Desired Outcome	The admin will secure the personal data of the employee.
Actors	Admin
recondition	Admin must click the register employee button.
Scenarios	<ul style="list-style-type: none"> • Click Employee Register button. • Fill up the form. • Save.
Work Flow	
User, Employer, Admin	
<pre> graph TD Start(()) --> A[Click Employee Register button] A --> B[Fill up the form] B --> C[Save] C --> End(()) </pre>	
Post Condition	The employee will increased by one.
Business Rule	User must fill up all the information needed by the form.

- **Printing**

This is the process where the system in the admin will print out the salary.

Table 3. Use Case 3 –Printing

Name	Printing
Description	The system where print out the salary of the employee.
Desired Outcome	It will be automatically print out the deduction of tax and etc of the employee.
Actors	Admin
Precondition	User must check if the desktop time is correct.
Scenarios	<ul style="list-style-type: none"> • Click to view • Input date, ID, status and time. • Fill-up Form • Save.
Work Flow	
Admin	
<pre> graph TD Start(()) --- Step1([Click to view]) Step1 --- Step2([Input date, ID, status and time]) Step2 --- Step3([Fill-up Form]) Step3 --- Step4([Save]) Step4 --- End(()) </pre>	
Post Condition	Employees will have their daily time

	record.
--	---------

Table 4. Use Case 4 – Backup database

Name	Backup database
-------------	-----------------

Description	The user will backup data to avoid data loss.
Desired Outcome	The user will get a copy of the data base in his/her desired file location.
Actors	Admin
Precondition	The user must choose where to put the database.
Scenarios	<ul style="list-style-type: none"> • Click back-up database • Browse for folder • Click ok • Done
Work Flow	
Admin	
Post Condition	User must click Back-up database button.
Business Rule	User must log in to the system.

1.5 E-R DIAGRAM:

An entity relationship diagram (ERD) shows the relationships of entity sets stored in a database.

An entity in this context is a component of data. In other words, ER diagrams illustrate the logical structure of databases.

When documenting a system or process, looking at the system in multiple ways increases the understanding of that system. ERD diagrams are commonly used in conjunction with a [data flow diagram](#) to display the contents of a data store. They help us to visualize how data is connected in a general way, and are particularly useful for constructing a relational database

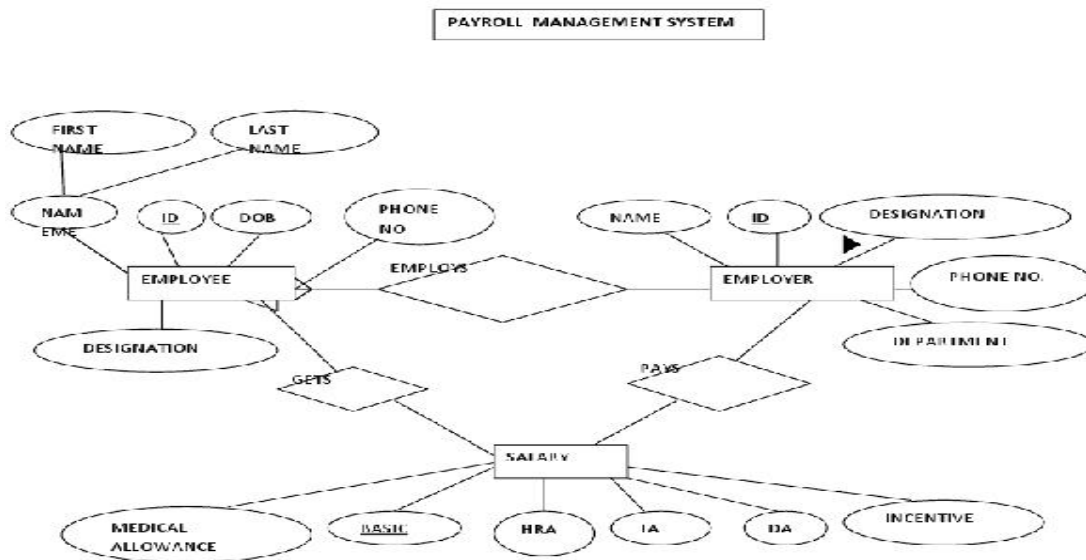


Fig 1.1 diagram

1.6 DFD (DATA FLOW DIAGRAM)

A data flow diagram (DFD) illustrates how data is processed by a system in terms of inputs and outputs. As its name indicates its focus is on the flow of information, where data comes from, where it goes and how it gets stored.

DFD Layers: Draw data flow diagrams can be made in several nested layers. A single

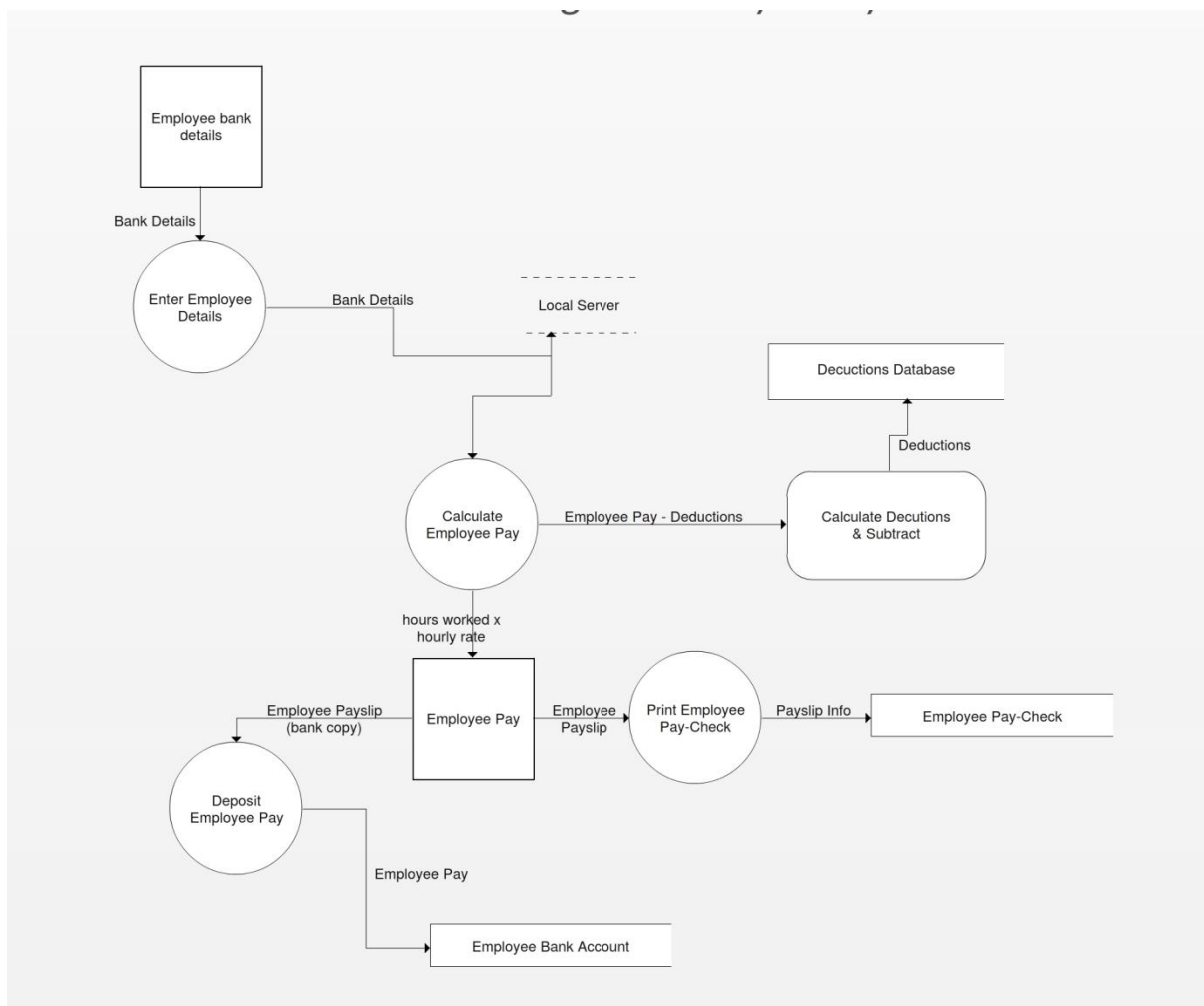
process node on a high level diagram can be expanded to show a more detailed data flow

diagram. Draw the context diagram first, followed by various layers of data flow diagrams.

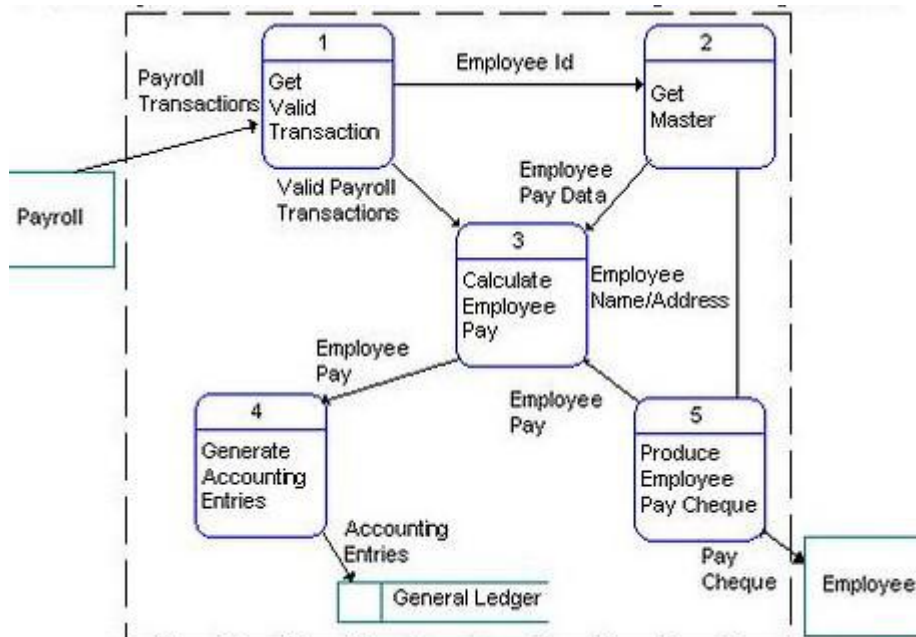
DFD Levels: The first level DFD shows the main processes within the system. Each of these

processes can be broken into further processes until you reach pseudo code.

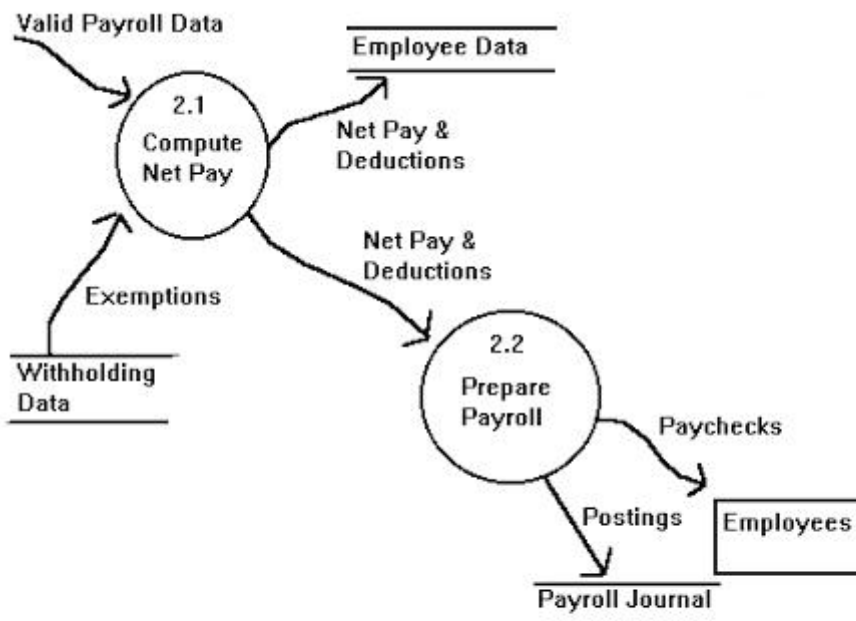
DIAGRAM



DATA FLOW LEVEL 1 DIAGRAM



DFD(level2) diagram



SYSTEM REQUIREMENT STUDY

2.1 USER CHARACTERISTICS:

- A payroll system that is computer driven offers to manage and automate the functions of payrolls systems in a particular organization. Before emergency of the computer systems, most organizations calculated the payroll manually.
- The use of the computer in payroll calculation has de it easier for the management to make and retain the information relating to payroll. Among the main characteristics of payroll systems, include the heightened security with regard to storage of sensitive company information and automatic calculations in employee payments.
- An organization's payroll system ought to effectively accommodate all its workers and the hours worked by each in an accurate manner. In essence, a good pay roll systems is the once which ensures that the hours worked by each employee in the firm are accurately kept. Although human is to err, an automated system minimizes the potential of such error as the only factor employed is the reporting and departure of these employees.
- In the case when the time clock malfunctions or when certain employees forget to go out for lunch, the correction can easily be made by the administrator or the accountant using the payroll system. Therefore, the payroll system is the third party which could effectively and accurately keep and record the hours for outsourcing the payroll functions

2.2 SOFTWARE AND HARDWARE REQUIREMENTS: SOFTWARE REQUIREMENTS:-

REQUIREMENTS ANALYSIS

Disk Drive: 1.44MB Floppy Disk Drive

Monitor : 1024

Windows Operating system

➤ Software requirement

Microsoft Visual Professional (2013)

Microsoft Visual Studio (2008)

Microsoft windows

MS –Access

HARDWARE SPECIFICATION

Processor : Intel Pentium or more

Motherboard : Intel

Chipset Motherboard.

Ram: 128 MB or more

Cache: 512 KB

Hard disk: 16 GB hard disk recommended

3. CLASS MODELING

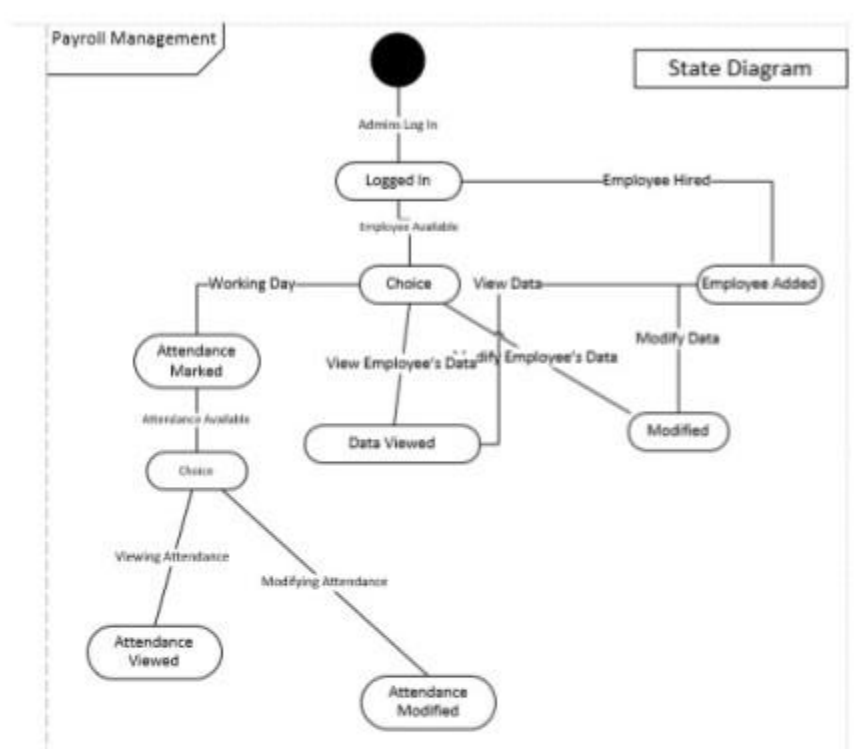
3.1 Definitions for Class Diagram:

- **Administrator:** This Class Contains the Information of administrator details.
- **Attributes:** Admin name, admin e-mail id.
- **Employee:** This class contains the information about the user background.
- **Attributes: Name, Address, Email-id, Department Number and Name**
- **User:** This class contains information about the user (Employee).
- **Attributes User Id, Password, and Login address**
- **Admin:** This class handles and checks every details of the employee added or removed. **(Holds the main position when it comes in handling the data of the company and employee).**
- **Attributes:** Add_emp, Dep_emp, Gen_Salaryslip and Edit_Emp.
- **Department name:** this class contains department information.
- **Attributes: Department Id, Department name, Description.**
- **Add_emp:-** requires the new emp_name, emp_id, department name, gross salary and HRA.
- **Final sheet:** - Contains all details of the employees after being paid.(All the updates are carried out and then entered in the final sheet of the Company).
- **User check:** - Confirms the username and password when the employee logs into the system. (Specially carried out by the admin Department of the company).
-
- **Category:** contains information about the employee's related (personal & professional data).
- **Attributes: department id, department id, position name, job description.**
- **Update-Sheet:** - Contains emp_id, emp_name, no. of work days.
- **Gen_Salary Sheet:** - update the salary sheet after each transaction.

4. STATE MODELING

- Valuable technique for modelling behaviors that can be described in terms of:
- States
- Events
- Transitions

STATE DIAGRAM



**Fig 4.1 State Diagram
(Payroll Management)**

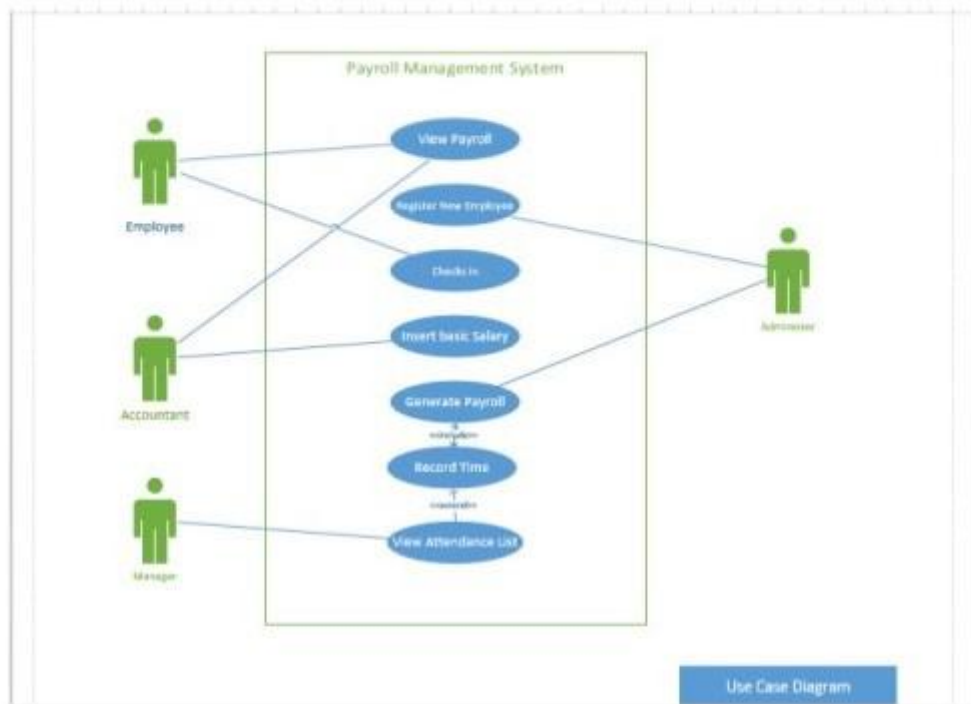
5 .INTEREACTION MODELING

5.1 Use Case Diagrams:

The requirements of a system can be captured by Use Case Diagrams. They are modeled to capture the intended of the system. Use Cases interact with human or actors that use the system to accomplish some work. They set of sequence of actions that a system performs to yield an observable result of value to an actor. An actor represents a role that a human, a hardware device or another system plays with a system.

- Identify the actors that interact with the system.
- Organize actors according to their roles.
- Identify the primary ways in which an actor interacts with the system elements.
- Organize these behaviors as use cases.

DIAGRAM:



**Fig 5.1 Use case Diagram
(Payroll Management)**

5.2: Sequence Diagram:

Sequence diagram describes an interaction by focusing on the sequence of messages that are exchanged, along with their corresponding occurrence specifications on the lifelines.

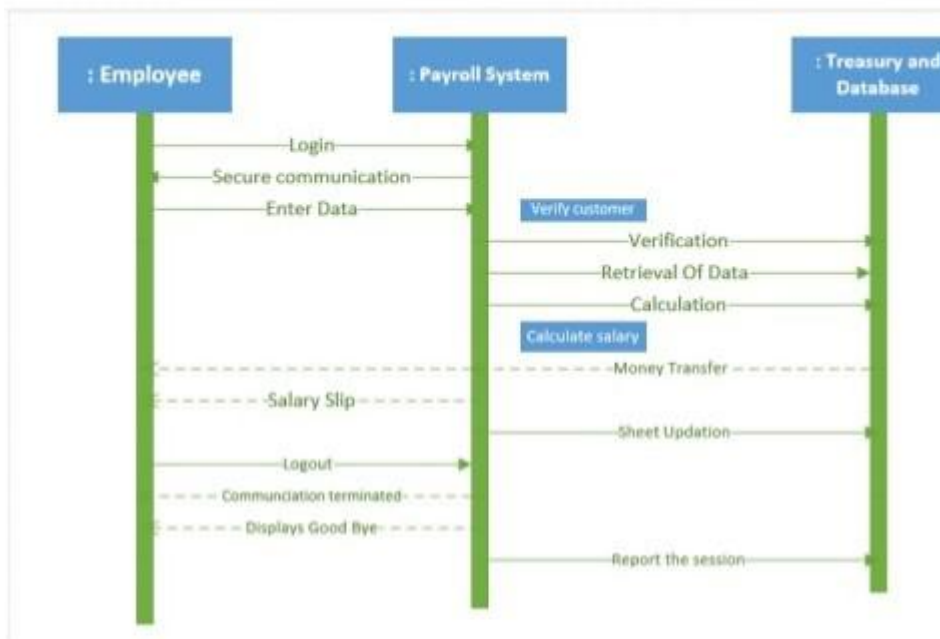


Fig 5.2 Sequence Diagram (1)
(Payroll Management)

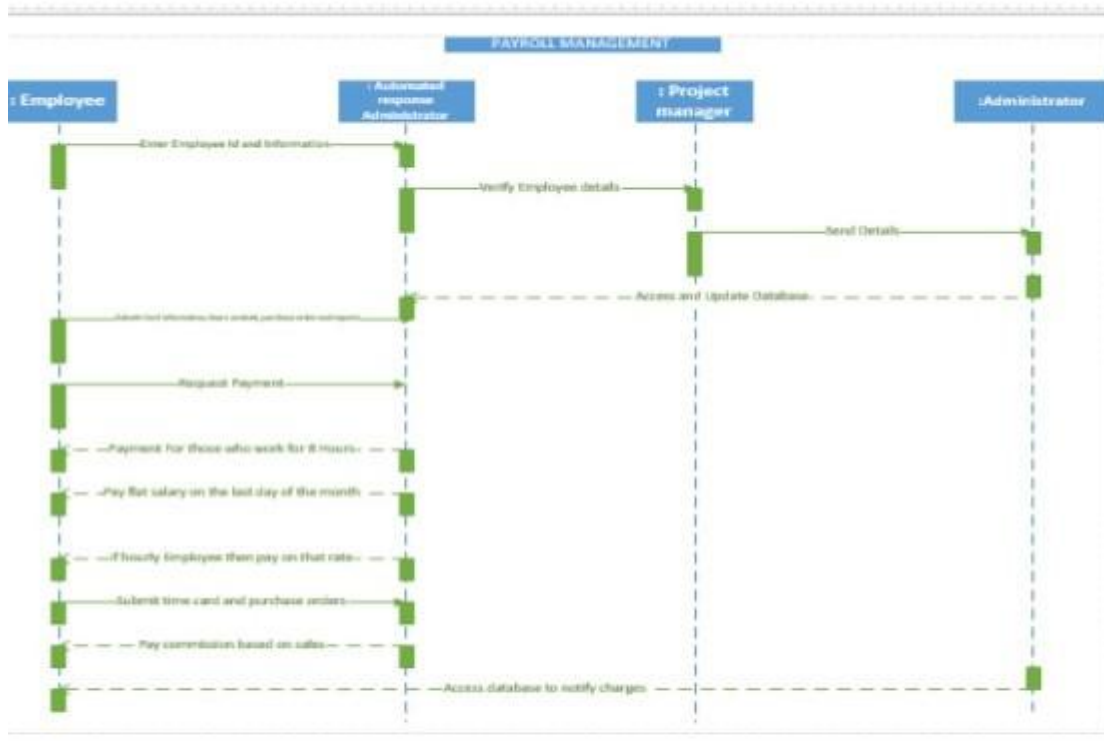
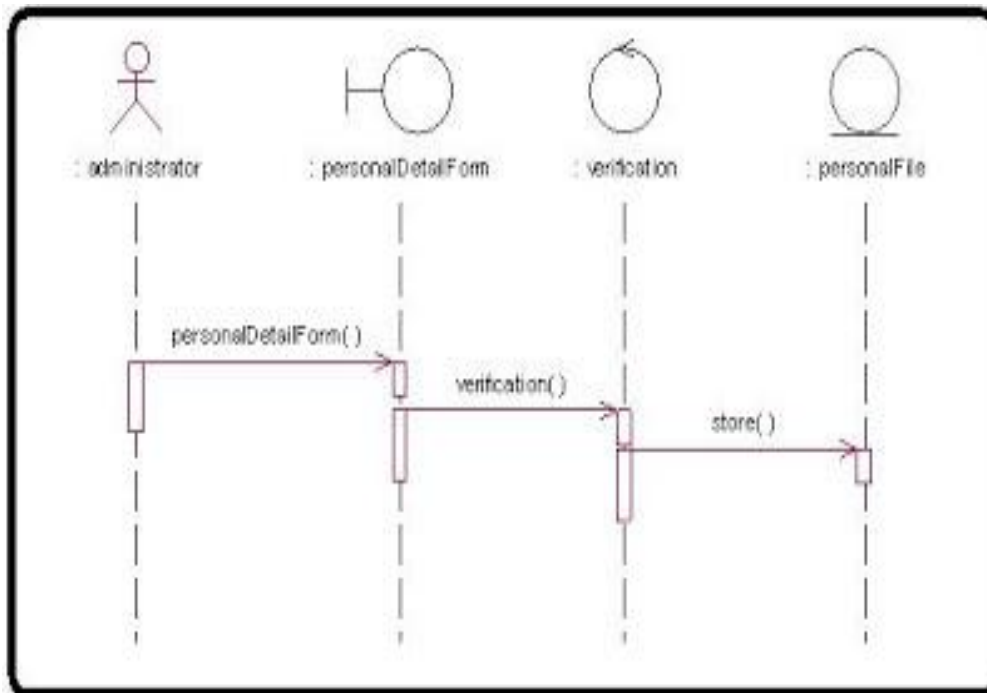


Fig 5.3 Sequence Diagram (2)
(Payroll Management)

SEQUENCE DIAGRAM (3)



5.3 Activity Diagrams:

An activity diagram is essentially a flowchart showing flow of control from activity to activity. We use activity diagram to model the diagram aspects of a

system. For the most part this involves modelling the sequential (and possibly concurrent) steps in a computational process. With an activity diagram, you can also

model the flow of an object as it moves from state to state at different points in the flow of

control. An activity diagram may stand alone to visualize, specify, construct and document

the dynamics of a society of objects, or they may be used to model the flow of control of

an operation.

Basic Notations for Activity Diagram:

- **Initial node:** The filled-in circle is the starting point of the diagram. An initial node isn't required although it does make it significantly easier to read the diagram.

- **Activity final node:** The filled circle with a border is the ending point. An activity diagram can have zero or more activity final nodes.

- **Activity:** The rounded rectangles represent activities that occur.

- **Flow/edge:** The arrows on the diagram. Although there is a subtle difference between flows and edges we have never seen a practical purpose for the difference although we have no doubt one exists. We'll use the term flow.

- **Fork:** A black bar with one flow going into it and several leaving it. This denotes

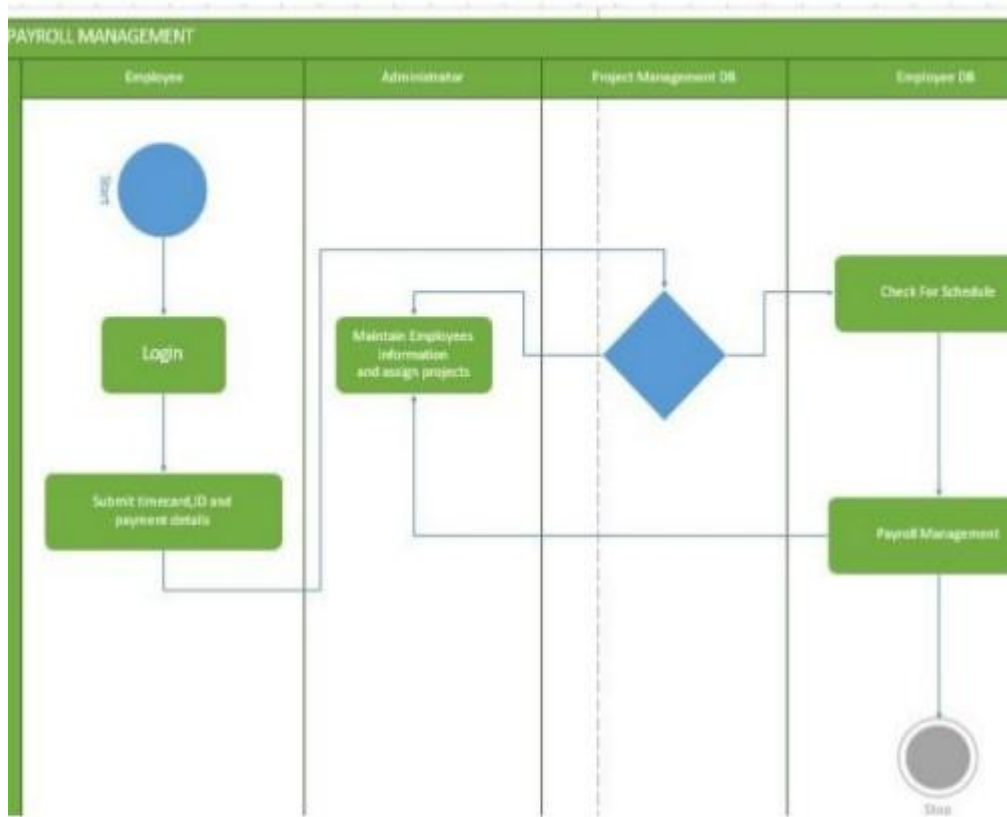
Join: A black bar with several flows entering it and one leaving it. All flows going

into the join must reach it before processing may continue. This denotes the end of parallel processing.

- **Condition:** Text such as *[Incorrect Form]* on a flow, defining a guard which must

evaluate to true in order to traverse the node.

- **Decision:** A diamond with one flow entering and several leaving. The flows leaving include conditions although some modelers will not indicate the conditions if it is obvious



**Fig 5.5 Activity Diagram
(Payroll Management)**

Component Diagram

A component diagram describes the organization and wiring components in a system. Component diagrams are often drawn to help model implementation details and double check that every aspect of the system's required functions is covered by planned development. In the first version of UML, components included in these diagrams documents, database table, files, and all physical elements with a location. In the world of UML 2, these components are less physical and more conceptual stand-alone design elements such as a Business process that provides or requires interfaces to interact with other constructs in the system. The physical elements described in UML 1, like files and documents, are now referred to as artifacts. A UML 2 component may contain multiple physical artifacts if they naturally belong together.

COMPONENT DIAGRAM

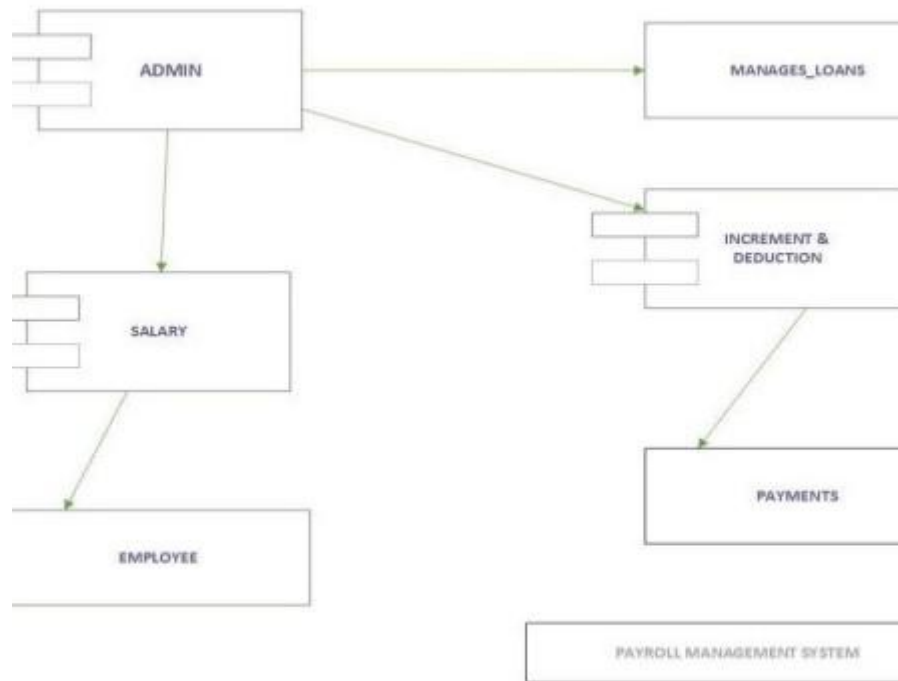


Diagram:

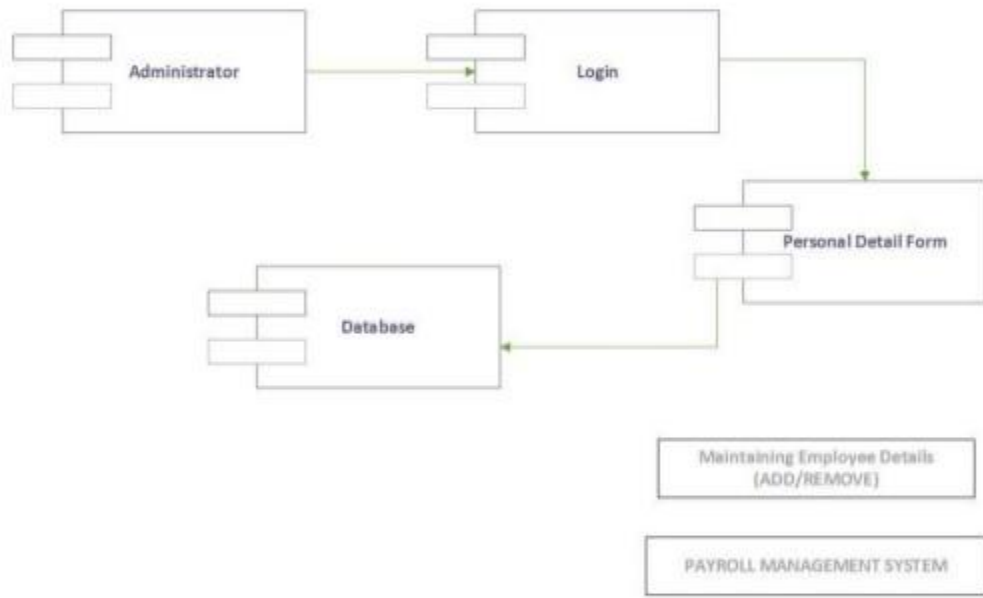
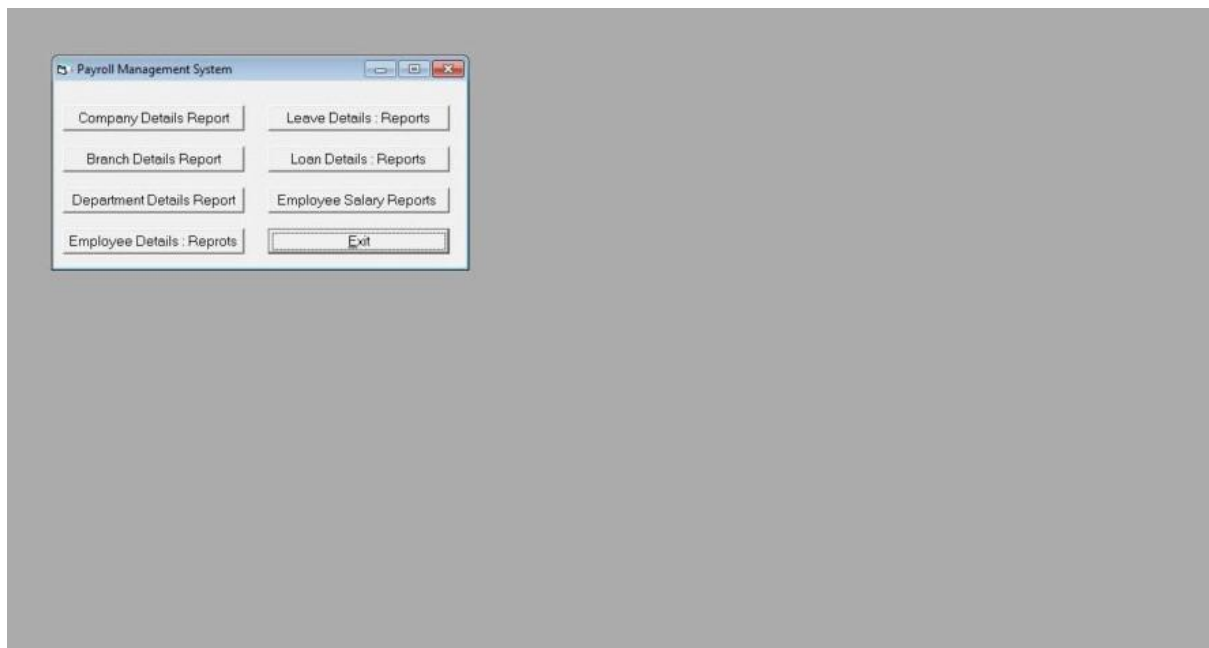


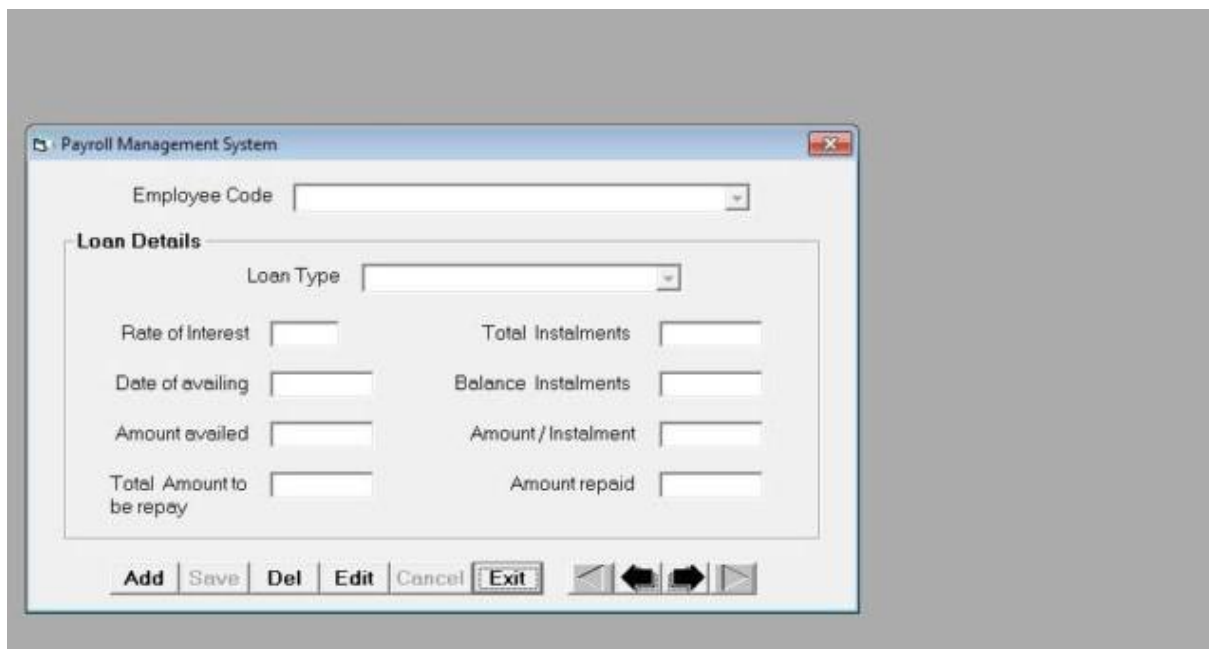
Fig 7.1 Component Diagram

OUTPUT

1.REPORT GENERATION



2.EMPLOYEE LOAN



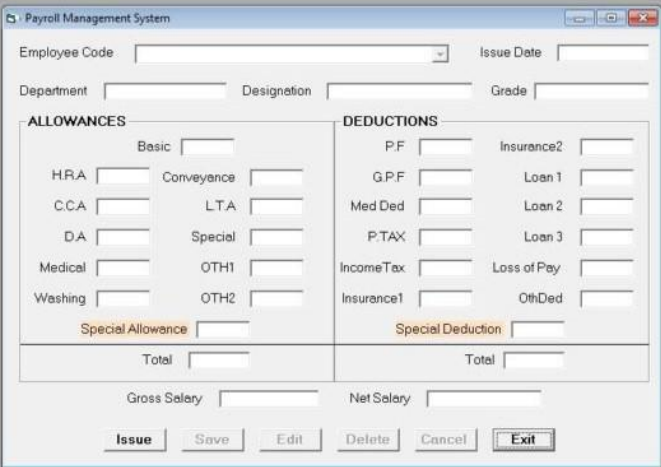
3.SALARY

Payroll Management System

Dept Code: DPT01 Desg Code: A4 Grade Code: G3
Emp Code: P5G01

Employee Name: RETRET Date of Joining: 10/2/2004
Father's Name: RETRETERETRE Date of Confirmation: 11/2/2004
Date Of Birth: 10/10/1997
Qualification: BCA Sex: Male Female
Address: WTRERTSDFG
GDFGDFG
GDSFGDFG Married (Yes/No)
PinCode: 123345 Blood Group: A+VE
Telephone: 123334

4.PAYROLL MANAGEMENT SYSTEM SALARY



The screenshot shows a window titled "Payroll Management System". It contains several input fields for employee information: Employee Code, Issue Date, Department, Designation, and Grade. Below these are two main sections: "ALLOWANCES" and "DEDUCTIONS".

ALLOWANCES:


- Basic
- HRA
- Conveyance
- C.C.A
- LTA
- DA
- Special
- Medical
- OTH1
- Washing
- OTH2
- Special Allowance

DEDUCTIONS:

- P.F
- Insurance2
- G.P.F
- Loan 1
- Med Ded
- Loan 2
- P.TAX
- Loan 3
- IncomeTax
- Loss of Pay
- Insurance1
- OthDed
- Special Deduction

At the bottom, there are fields for "Gross Salary" and "Net Salary", and a row of buttons: Issue, Save, Edit, Delete, Cancel, and Exit.

5.PAYROLL SALARY



The screenshot shows a window titled "Payroll". It has a "GroupBox4" with "From:" and "To:" date pickers set to "12/ 7/2008". Below is a table with columns "Code" and "Name", showing one entry: "NSM-0002" and "Smith, John V".

Income Section:

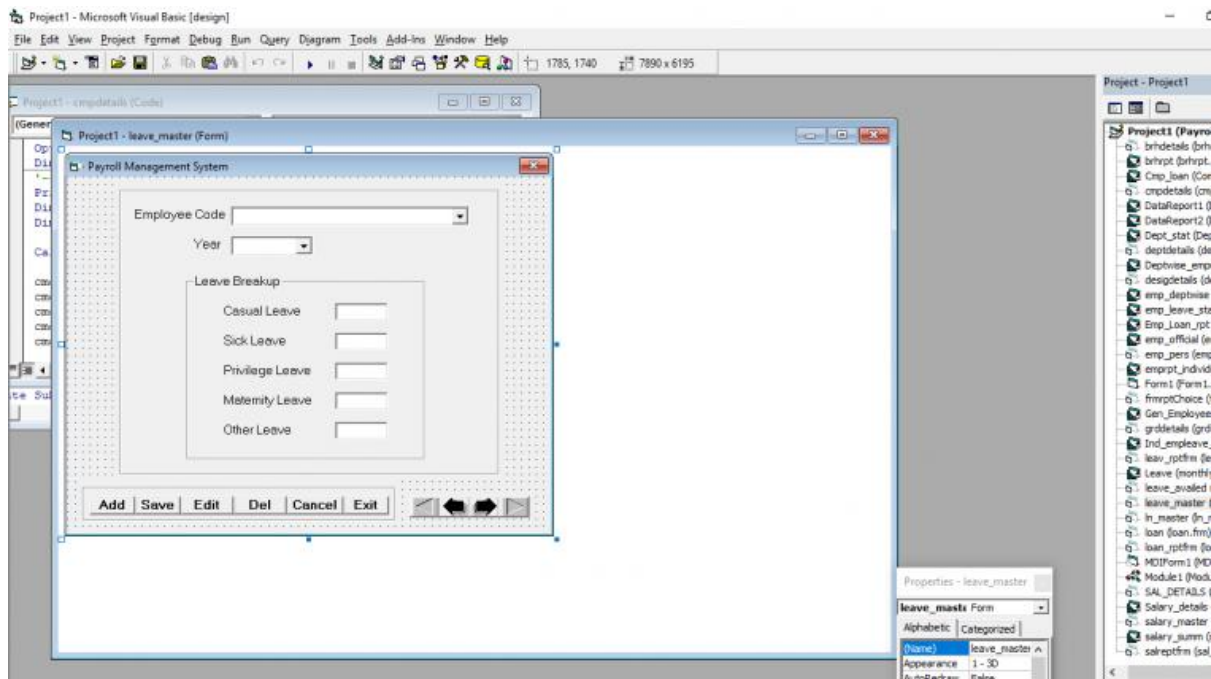
- # work days: 0.0000
- Basic Rate: 185.00
- Total: 0.00
- OT Hrs. / Day
- Reg. OT: 0.0000, Reg. OT: 0.00
- Sun. OT: 0.0000, Sun. OT: 0.00
- Hol. Pay: 0.00, Hol. Pay: 0.00
- Allowance: 0.00
- Incentives: 0.00
- Others: 0.00
- Desc: 0.00
- 0.00
- 0.00
- 0.00
- GROSS: 0.00

Deductions Section:

- SSS/MCR: 0.00
- W/Tax: 0.00
- SSS Loan: 0.00
- Lates: 0.00
- Others: 0.00
- Desc: 0.00
- 0.00
- 0.00
- 0.00
- TOTAL DEDUCTIONS: 0.00
- NET INCOME: 0.00

Buttons: Save, Exit

6.PAYROLL SYSTEM USE CASE LOG IN



7.GENRATE PAYROLL

Payroll System

Transaction View Maintenance Help

Create Payroll...

Generate Payroll

Payroll Information

For The Month: 12/12/2008 Month: December Year: 2008

Employee Information

Emp. ID Number: 280301 Monthly Rate: 7,000.00 Daily Rate: 233.33

Employee Name: Joey A. Caballero Employee Position: Fake

Employee Dept: ccs Employment Status: Full Time

Data Entry

Advances: 0.00

Bonus: 0.00

Overtime Pay: 0.00

No. Of Days Absent: 0

Deductions

SSS Contribution: 0.00 Pag-ibig: 0.00

W/Holding TAX: 0.00

PH Contribution: 0.00 Total Deductions: 0.00

Absences: 0

Net Pay 7,000.00

Payslip Information

Emp. ID Num.	Emp. Name	Monthly Rate	Date	SSS	PH	Tax
280301	Joey A. Caballero	7000	12/12/2008...	300	50	250

Save Print Payslip Close

Literature/Studies

The proponents made a relative comparison of the studies and literature in earlier sections of this chapter. As concluded, this proposal has based some of its concepts from such documents. The proposed system uses master lists coming from the Human Resource Department, yet the attendance relies on the system itself.

Foreign studies

According to the book "System Documentation" (2010), states that “a computerized payroll system must have the ability to update and maintain employee information and to generate required outputs including paychecks, reports to management and to the government.”

According to a blogged article in blastasia.com (2007), says that “a computerized payroll system is designed to help human resource professional as well as finance and accounting personnel to manage employee compensation, deductions, allowances, and benefits in an organization.”

According to the definition of Enterprise Resource planning on Wikipedia.com, stated that "organizations perceive ERP as a vital tool for organizational competition, as it integrates dispersed organizational systems and enables flawless transactions and productions". This statement serves as basis of this proposed systems capability and flexibility to integrate to other subsystems within the airline system.

Based on the research study entitled "PAYROLL ERP SYSTEM" of Advantos Systems (2013), explains that it is vital that a payroll system must allow the user to set up an employee paycheck record. It also emphasized the use of separate salary record for each employee and the proper maintenance of data on tax rates and exemptions.

Based on the system study entitled "INFONETICS PAYROLL SYSTEM"(2012), emphasizes that a payroll system must be user-interactive in all its processes (including maintenance of payroll records ad payroll reports and checks printing). It also explains that the system must be capable of maintaining accuracy of tax tables and deductions using a concrete formula.

Significance of the study

The PAYROLL SYSTEM within Surgiaodel Sur state University is primarily focused on the staff and personnel's salaries, taxations, etc. The system's processes accuracy and legitimacy.

- Employees they will find it easier to transact about their records since searching in the system is faster than tracking in the record book or log book.
- Accountant will be able to manage employee services, hours, pay rates it also includes elimination of time cards and unauthorized overtimes.
- Future researchers the proponents will gain knowledge about the system existing inside the administrative office, with this; skills in the system analysis will be improved and also it helps the future researcher to have an idea about payroll system and develop their own system. They can learn about the proponents system and at the same time develop a greater system with the help of the proponent study.

Definition of terms

Basic Pay – This refers to monthly rate divided by the number of working days multiplied by number of days worked.

Overtime hours – is the amount of time someone works beyond normal working hours. Normal hours may be determined in several ways.

Database – This refers to a organized collection of data for one or more purposes, it is usually digital form.

Deduction – This refers to business expenses or losses which are legally permitted to be subtracted from the gross revenue of a firm in computing its taxable income.

Employee – This refers to a person who is hired to provided services to accompany on a regular basis in exchange for compensation.

Gross Pay – This refers to total of an employee's regular remuneration including allowances, overtime pay, commissions and bonuses, etc. before any deductions are made.

Loan – This refers to funds transferred from one party to another as payment purchased goods of services.

Net Pay – This refers to the remaining amount of an employee`s gross pay, after deductions, such as taxes and retirement contributions, are made.

Payroll – This refers to a sum of all financial records of salaries for an employee, wages, bonuses and deductions. In accounting, payroll refers to the amount paid to employees for services they provided during certain period of time

Payslip – This refers to a detailed breakdown on how much an employee is paid during a specific period.

Salary – This refers to wages received on a regular basis, usually weekly bi-weekly or monthly.

Limitations and Future Enhancements:

Accurate and correct payroll is very important to your employees and important to you as a

business owner. Payroll is more than just sending out paychecks every two weeks. You need to

comply with and make sure you pay all of the federal, state and local taxes that are tied to having

employees. A payroll service will handle the details and keep you out of trouble with the taxman;

however, such a service does have some drawbacks.

Advantages:

Control vs. Outsourcing:

The decision to use a payroll service could be a personal choice dictated by how much

control you want to have over the different aspects of your company. If you keep payroll in

house, it is easy to make changes and answer questions concerning the pay information of

your employees. The decision to use a payroll service means giving up some control of that

portion of your business. However, payroll is primarily a repetitive operation, so letting

someone else handle the details can free up time for more productive tasks.

Costs:

A payroll services adds another cost to your budget. If you are a small business with few

employees on a tight budget, paying for the service may not fit into the budget. The cost of a

payroll service for a small business will be proportionately larger than for a bigger business.

You need to compare the cost of the service to the time required to complete the payroll in

house and what that time would be worth doing other work.

Access to Data

Using a payroll service means your employee pay data will be on some other company's

computer system. This may be an issue if you need to make a change or if an employee has a

problem with her paycheck. How much the fact that pay information is not kept in your

business depends on how much access the service provides. You may want to compare

services with this need in mind as well as comparing costs.

Compliance

Possibly the biggest benefit of using a payroll service is that the service will keep your

business compliant with payroll tax laws and changes. While you are an expert at your

business, unless your business is a CPA firm, you probably don't have the time to become a system.

Disadvantages:

Manual:

The manual payroll system requires payroll processing to be by hand

Therefore, time card, wages and payroll tax computations; wage garnishments; and voluntary

deductions are done manually. Furthermore, paychecks and pay stubs are handwritten or

printed on a typewriter. The main disadvantage with this system is its high room for error.

result in penalties from federal and state tax agencies.

Outsourced/External:

The employer uses the outsourced or external payroll system when it hires a payroll service

provider. The latter has a payroll staff that, for a flat fee, processes its client's payroll; risk;

payroll. Services vary by provider, but most payroll service providers perform paycheck and

direct deposit processing. Many also offer payroll tax and benefits administration. Because

the employer is entrusting its payroll tasks to an off-site company, it can suffer from not

having immediate help when needed. If the payroll service provider has many clients, the

On-Site Computerized:

The in-house computerized system enables the employer to use an on-site payroll staff and

payroll software to process its payroll. The employer must invest in and maintain the

software, which can be expensive. Depending on the complexity of the

employer may have to pay for training for the payroll staff. Furthermore, depending on the

size of the payroll, the employer may have to employ a full payroll staff.

SCOPE:

The System is designed for the enhancement or development of Computerized

Employees information, Delete Employees record, print / Save the Pay Slip of each employee

and Updating Employees information as well as the Weekly Salary, Cash advance, the rate per

day, overtime, Gross payment, Net pay, and Deduction such as withholding tax and SSS, adding

up with a log-in log-out process for security purpose. Moreover, with help file can be used by the

users to know how to use the payroll software.

REFERENCES:

Steven M. Bragg. Essentials of Payroll: Management and Accounting. [ISBN 0-471-26496-2](#).

1. *"Automated Salary Payment and Billing"*. Retrieved 2.5.2020. **Check date values in: |access**

date= (help)

2. **Jump up**[^] Grace, Natalie, Demand Media. *"What are the Benefits of Automating a Payroll System?"*.

Retrieved 2.5.2020. **Check date values in: |access-date= (help)**

3. **Jump up**[^] *"How Many Ways Can You Save Money With an Automated Time & Attendance System?"*

in: |access-date= (help)

5. www.bulwarks.com/PDFS/Payroll%20Management%20System.pdf

6. www.employeesalarysoftware.com

7. www.xiphiastec.com/payroll.html

8. www.payrollsoftware.co.in/

9. www.navayugainfotech.com/payroll_management.html