Pay Roll Management System

END TERM REPORT

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This is to declare that this report has been written by me/us. No part of the report is copied from other sources. All information included from other sources have been duly acknowledged. I/We aver that if any part of the report is found to be copied, I/we are shall take full responsibility for it.

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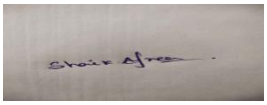

Signature:
Name: shaik afreen
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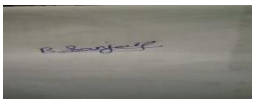

Signature:
Name: sanjay
Roll Number:40

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BONAFIDE CERTIFICATE

Certified that this project report "…….TITLE OF THE PROJECT……." is the bonafide work of "……..NAME OF THE CANDIDATE(S)……" who carried out the project work under my supervision.

Signature of the supervisor

Name of supervisor

Academic Designation

ID of Supervisor

Department of Supervision

INTRODUCTION

Pay roll management system is the basically used to build an application program,that a company used to manage the records of the employees Working in the company

Only the administrations has the legal rights to work with the system.employees can logon into the system to see thre current status

This payroll management system maintains the results in less error that are likely to be committed.

You can enter the payment information system easily than the manual method.

It will provide a detailed employee report, salary report, department, designation details and many more.

PAYROLL SYSTEM IS USED TOO

- Create the records
- Delete the records
- Save the records
- For employees according to their information given to the administration of the company
- t also helps to maintain the pay slips
- monthly allowances
- deductions
- overtime pay
- no time pay
- loan maintenance
- late minute deductions etc.
- accurate salary processing is possible through this database system.
- It will also help in saving a lot of time in many ways.
- If you are in need of the old payrolls then it is possible to get the same from this system since it keeps record of the old payrolls also.

PROJECT OBJECTIVES

- To improve the efficiency of company's administration
- To store up-to –date information of the employees
- To make the employees understand the rules of the company
- To reduse extra cost for security of the database
- It will also maintain the information regarding the salary transfer.
- If the person says that the salary is not being transferred into his account, then you can confirm it through this database system.
- If you are need of any details regarding the your financial aspects in the organization,
- then you need not worry since the payroll management system keeps track of the each and every details regarding it.

PROJECT DISCRIPCTION

The term payroll encompasses every employee who receives a regular wage or other compensation.

The different payment methods are calculated by a payroll specialist and appropriate paychecks are issued

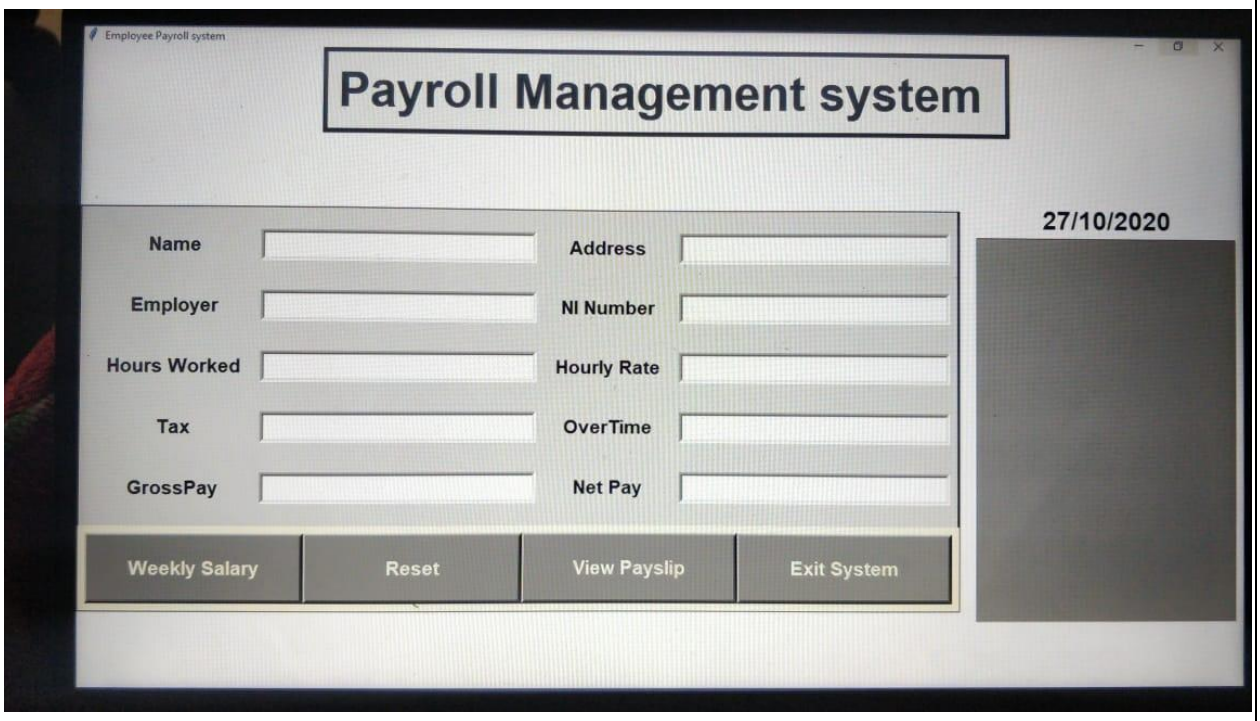
After apayroll accountant multiplies an employee's hours by his/her pay rate,grossincome amount is entered into computer program

Regular deductions such as tax withholdings ,medical insurance etc.are then categorized and subtracted ,the remaining balance is converted to a check and becomes a the employee's net pay for that time period

Setting up an payroll system is not difficult for trined profedssionals,but itcan be very time consuming

A payroll system involves in everything that has to do with the payment of employee;s and the filing the employment taxs, keeping track hours, calculating the salary, printing and delivering checks etc.

ABOUT THE OUTPUT



The above picture expline about the payroll management system of an employee name ,

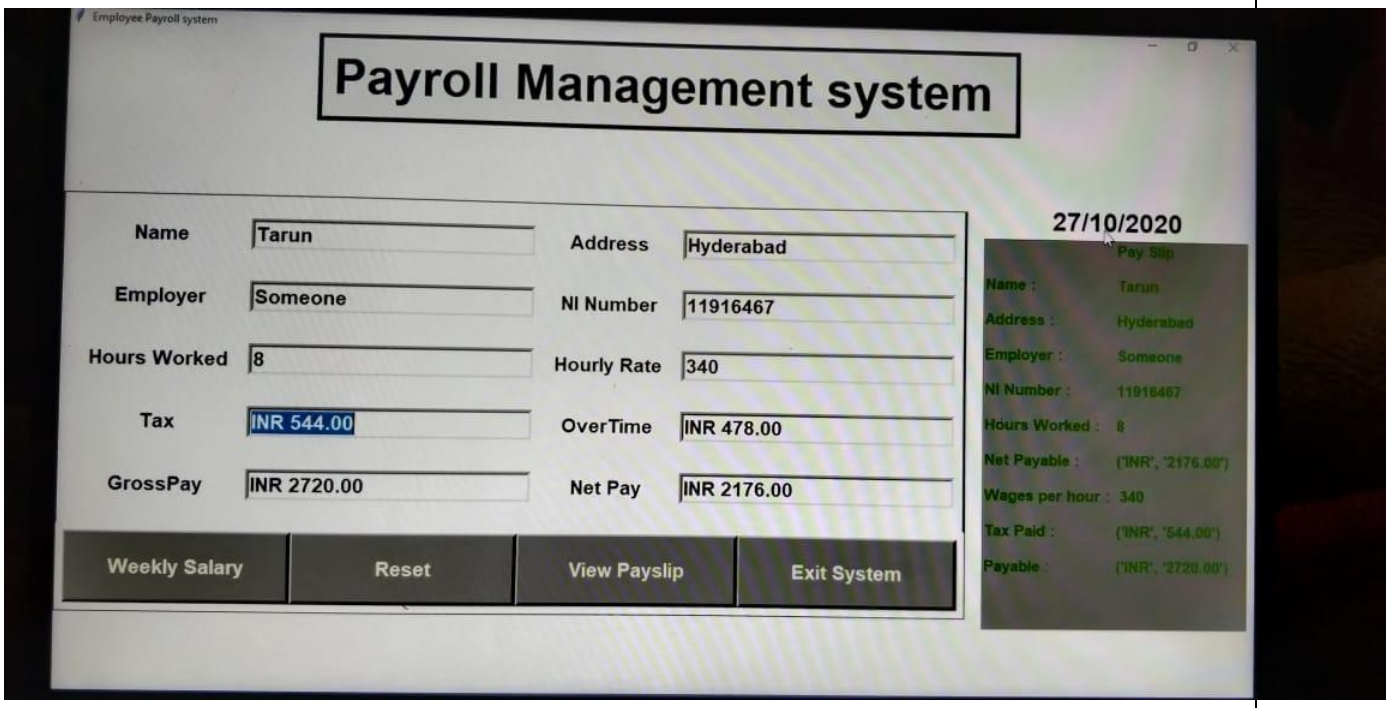
its show th employee is which department he/she working how many hours they worked ,

and how many extra hours they spend to work then how much money they get for extra time

we can no about the how much tax taken by the company from ther salary

we can also see the address of an employee

right side total details are oriented and with time and date



We can see here the employee detiles are mention in above picture

Here INR means Indian rupee

CODING

```
import time
import datetime
```

```
from tkinter import *
import tkinter.messagebox

root=Tk()
root.title("Employee Payroll system")
root.geometry('1350x650+0+0')
root.configure(background="#AEB6BF")

Tops=Frame(root,width=1350,height=50,bd=5,bg="black")
Tops.pack(side=TOP)

f1=Frame(root,width=600,height=600,bd=1,bg="black")
f1.pack(side=LEFT)
f2=Frame(root,width=300,height=700,bd=8,bg="#AEB6BF")
f2.pack(side=RIGHT)

fla=Frame(f1,width=600,height=200,bd=8,bg="light grey")
fla.pack(side=TOP)
flb=Frame(f1,width=300,height=600,bd=8,bg="beige")
flb.pack(side=TOP)

lblinfo=Label(Tops,font=('arial',40,'bold'),text="Payroll Management system
",bd=10,fg="black")
lblinfo.grid(row=0,column=0)

def exit():
  exit=tkinter.messagebox.askyesno("Payroll system","Do you want to exit the
system")
  if exit>0:
    root.destroy()
    return

def reset():
  Name.set("")
  Address.set("")
  HoursWorked.set("")
  wageshour.set("")
```

```
  Payable.set("")
  Taxable.set("")
  NetPayable.set("")
  GrossPayable.set("")
  OverTimeBonus.set("")
  Employer.set("")
  NINumber.set("")
  txtpayslip.delete("1.0",END)
def enterinfo():
  txtpayslip.delete("1.0",END)
  txtpayslip.insert(END,"\t\tPay Slip\n\n")
  txtpayslip.insert(END,"Name :\t\t"+Name.get()+"\n\n")
  txtpayslip.insert(END,"Address :\t\t"+Address.get()+"\n\n")
  txtpayslip.insert(END,"Employer :\t\t"+Employer.get()+"\n\n")
  txtpayslip.insert(END,"NI Number :\t\t"+NINumber.get()+"\n\n")
  txtpayslip.insert(END,"Hours Worked :\t\t"+HoursWorked.get()+"\n\n")
  txtpayslip.insert(END,"Net Payable :\t\t"+NetPayable.get()+"\n\n")
  txtpayslip.insert(END,"Wages per hour :\t\t"+wageshour.get()+"\n\n")
  txtpayslip.insert(END,"Tax Paid :\t\t"+Taxable.get()+"\n\n")
  txtpayslip.insert(END,"Payable :\t\t"+Payable.get()+"\n\n")
def weeklywages():
  txtpayslip.delete("1.0",END)
  hoursworkedperweek=float(HoursWorked.get())
  wagesperhours=float(wageshour.get())

  paydue=wagesperhours*hoursworkedperweek
  paymentdue="INR",str('%.2f'%(paydue))
  Payable.set(paymentdue)

  tax=paydue*0.2
  taxable="INR",str('%.2f'%(tax))
  Taxable.set(taxable)

  netpay=paydue-tax
  netpays="INR",str('%.2f'%(netpay))
  NetPayable.set(netpays)
```

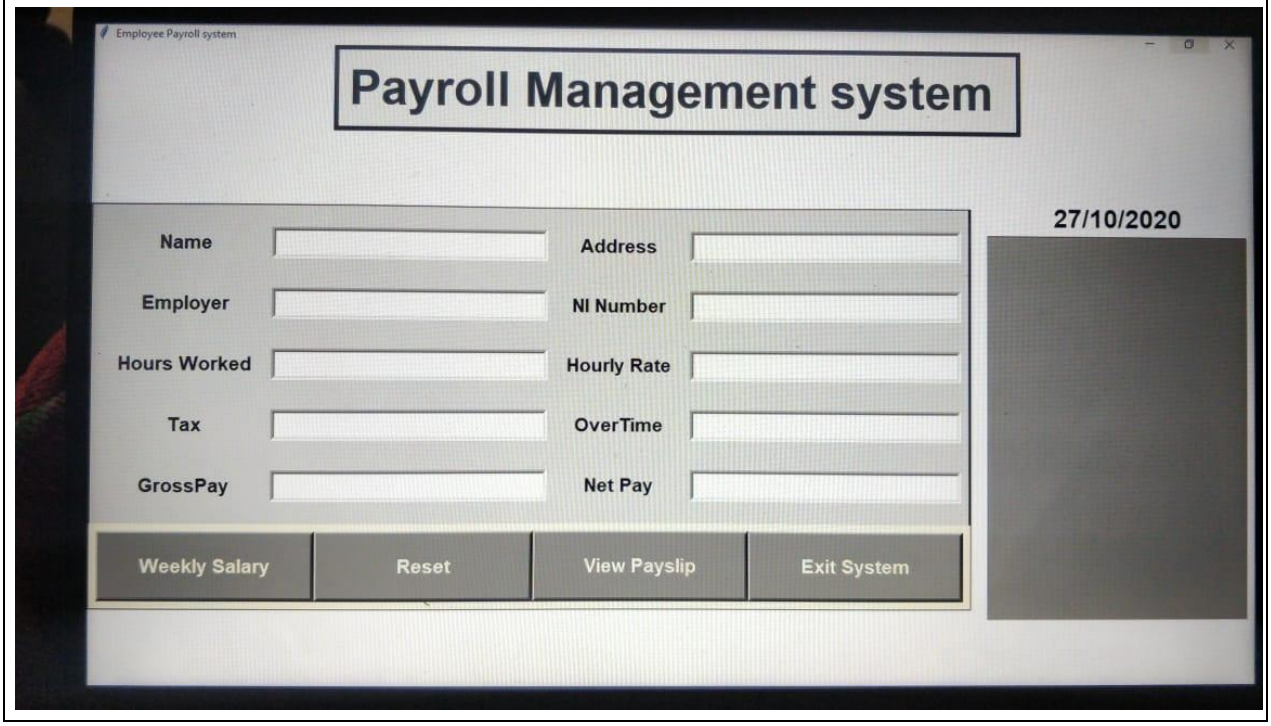
```
  if hoursworkedperweek > 40:
    overtimehours=(hoursworkedperweek-40)+wagesperhours*1.5
    overtime="INR",str('%.2f'%(overtimehours))
    OverTimeBonus.set(overtime)
  elif hoursworkedperweek<=40:
    overtimepay=(hoursworkedperweek-40)+wagesperhours*1.5
    overtimehrs="INR",str('%.2f'%(overtimepay))
    OverTimeBonus.set(overtimehrs)
  return

#============================== Variables
============================================================
Name=StringVar()
Address=StringVar()
HoursWorked=StringVar()
wageshour=StringVar()
Payable=StringVar()
Taxable=StringVar()
NetPayable=StringVar()
GrossPayable=StringVar()
OverTimeBonus=StringVar()
Employer=StringVar()
NINumber=StringVar()
TimeOfOrder=StringVar()
DateOfOrder=StringVar()

DateOfOrder.set(time.strftime("%d/%m/%Y"))

#============================== Label Widget
================================================

lblName=Label(fla,text="Name",font=('arial',16,'bold'),bd=20,fg="black",bg="light
grey").grid(row=0,column=0)
lblAddress=Label(fla,text="Address",font=('arial',16,'bold'),bd=20,fg="black",bg="l
ight grey").grid(row=0,column=2)
lblEmployer=Label(fla,text="Employer",font=('arial',16,'bold'),bd=20,fg="black",bg
="light grey").grid(row=1,column=0)
```

```
lblNINumber=Label(fla,text="NI
Number",font=('arial',16,'bold'),bd=20,fg="black",bg="light
grey").grid(row=1,column=2)
lblHoursWorked=Label(fla,text="Hours
Worked",font=('arial',16,'bold'),bd=20,fg="black",bg="light
grey").grid(row=2,column=0)
lblHourlyRate=Label(fla,text="Hourly
Rate",font=('arial',16,'bold'),bd=20,fg="black",bg="light
grey").grid(row=2,column=2)
lblTax=Label(fla,text="Tax",font=('arial',16,'bold'),bd=20,anchor='w',fg="black",bg
="light grey").grid(row=3,column=0)
lblOverTime=Label(fla,text="OverTime",font=('arial',16,'bold'),bd=20,fg="black",b
g="light grey").grid(row=3,column=2)
lblGrossPay=Label(fla,text="GrossPay",font=('arial',16,'bold'),bd=20,fg="black",bg
="light grey").grid(row=4,column=0)
lblNetPay=Label(fla,text="Net
Pay",font=('arial',16,'bold'),bd=20,fg="black",bg="light
grey").grid(row=4,column=2)

#============================== Entry Widget
================================================

etxname=Entry(fla,textvariable=Name,font=('arial',16,'bold'),bd=4,width=24,justif
y='left')
etxname.grid(row=0,column=1)

etxaddress=Entry(fla,textvariable=Address,font=('arial',16,'bold'),bd=4,width=24,j
ustify='left')
etxaddress.grid(row=0,column=3)

etxemployer=Entry(fla,textvariable=Employer,font=('arial',16,'bold'),bd=4,width=
24,justify='left')
etxemployer.grid(row=1,column=1)

etxhoursworked=Entry(fla,textvariable=HoursWorked,font=('arial',16,'bold'),bd=4
,width=24,justify='left')
etxhoursworked.grid(row=2,column=1)
```

```
etxwagesperhours=Entry(fla,textvariable=wageshour,font=('arial',16,'bold'),bd=4,
width=24,justify='left')
etxwagesperhours.grid(row=2,column=3)

etxnin=Entry(fla,textvariable=NINumber,font=('arial',16,'bold'),bd=4,width=24,jus
tify='left')
etxnin.grid(row=1,column=3)

etxgrosspay=Entry(fla,textvariable=Payable,font=('arial',16,'bold'),bd=4,width=24,
justify='left')
etxgrosspay.grid(row=4,column=1)

etxnetpay=Entry(fla,textvariable=NetPayable,font=('arial',16,'bold'),bd=4,width=2
4,justify='left')
etxnetpay.grid(row=4,column=3)

etxtax=Entry(fla,textvariable=Taxable,font=('arial',16,'bold'),bd=4,width=24,justify
='left')
etxtax.grid(row=3,column=1)

etxovertime=Entry(fla,textvariable=OverTimeBonus,font=('arial',16,'bold'),bd=4,w
idth=24,justify='left')
etxovertime.grid(row=3,column=3)

#============================== Text Widget
============================================================

payslip=Label(f2,textvariable=DateOfOrder,font=('arial',21,'bold'),fg="black",bg="
#AEB6BF").grid(row=0,column=0)
txtpayslip=Text(f2,height=20,width=32,bd=1,font=('arial',13,'bold'),fg="green",bg
="grey")
txtpayslip.grid(row=1,column=0)

#============================== buttons
============================================================
```

```
btnsalary=Button(flb,text='Weekly
Salary',padx=21,pady=16,bd=4,font=('arial',16,'bold'),width=14,fg="beige",bg="gr
ey",command=weeklywages).grid(row=0,column=0)

btnreset=Button(flb,text='Reset',padx=21,pady=16,bd=4,font=('arial',16,'bold'),wi
dth=14,command=reset,fg="beige",bg="grey").grid(row=0,column=1)

btnpayslip=Button(flb,text='View
Payslip',padx=21,pady=16,bd=4,font=('arial',16,'bold'),width=14,command=enteri
nfo,fg="beige",bg="grey").grid(row=0,column=2)

btnexit=Button(flb,text='Exit
System',padx=21,pady=16,bd=4,font=('arial',16,'bold'),width=14,command=exit,fg
="beige",bg="grey").grid(row=0,column=3)

root.mainloop()
```

OUT PUT IS


Employee Payroll system
Payroll Management system
27/10/2020
Name
Address
Employer
NI Number
Hours Worked
Hourly Rate
Tax
OverTime
GrossPay
Net Pay
Weekly Salary
Reset
View Payslip
Exit System