Good morning sir or madam and all of you present here….today our topic of presentation for minor project and entrepreneurship is payroll management system under the guidance of Prof. KCH sir

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Next we arrive at the intro.. of payroll management system.

Intro- Payroll accounting is essentially the calculation, management, recording, and analysis of employees’ salary. In addition, payroll accounting also includes reconciling for benefits, and withholding taxes. The calculation of payroll is highly influenced by each country’s legal requirements (it may also depend on state or local city requirements). ……..basically……A payroll management system is a software program - that enables a business to handle all the employee’s financial records in a hassle-free, automated fashion. This includes employee’s salaries, bonuses, deductions, net pay, and generation of pay-slips for a specific period

……….. ………..

These are the functionalities which we have included in our project.

Firstly

Admin login-by using this feature a user can access the system as admin or as an employee

* **Tracking Monetary Transaction-**This is the feature where input data is put into the payroll system to actually process the payroll. This process results in net pay being generated after adjusting necessary taxes and deductions.
* **Tax updates-**in this feature federal tax laws, company’s need to withhold income and payroll taxes from an employee’s payroll and pay those taxes on time.the taxes are EPF,TDS etc.
* **Create Payslips-in this feature we calculate the gross salary and net income of an employee,be also calculate house rent allowance ,** **conveyance allowance,DA,Medical Allowance etc.**
* **Efficient working- as it is a menu driven programme the user can easily operate it .**

Next these are the results of our project

**First click on Payrollaccounting.exe, then the interface will be displayed like shown below..basically there are 3 major options provided to the user** **1st option is enter as admin 2nd option is enter as user and 3rd option is to exit from the system.**

**next**

When the user chooses option 1, then this interface will appear.after that admin will enter his/her credentials correctly now there are 7 operations which the admin can perform.

Next

Here is the interface for inserting the employee details.When a new employee joins the company then the admin needs to insert his/her records in the system.(like name age code and basic salary.)

Next

Here is the interface for details of employees…this interface allows the admin to take a glance at the entire records of the system.

Next

Here is the interface For searching an employee’s record by typing the respective employee code…when the admin requires to view the details of a particular employee then the admin can use this.

Next

Here is the interface For deleting an employee’s record by typing the respective employee code.when an employee leaves or resigns from the company then the admin can remove that employees details from the system.

Next

Here is the interface For updating an employee’s record by typing the respective employee code.when an employees basic salary changes,the admin can use this functionality to update it.

Next

This is the interface for sorting Employee details according to employee code..this functionality can be used when the admin requires to view the entire records of the system in ascending order of the employee code.

Next

This is the 2nd major functionality where the user can access the system as an employee by entering his/her correct credentials for only viewing the payslip..

Here is the Conclusion of our project **This project developed for a company has been designed to**

**achieve maximum efficiency and reduce the time taken to**

**handle the Payroll activity. This also reduces human efforts and**

**physical storage for files,folders required for maintenance of**

**the company. It is designed to replace an existing**

**manual record system thereby reducing time taken for**

**calculations and for storing data.**

Thankyou everyone

**Future scope**

* **Major improvements can be incorporated in the Front-end part by using html,css,javascript.**
* **The back-end part can be improved by linking the system to a database.like my sql etc.**
* **We can use API in this project**

**Api-**Application programming interface

**#include<stdio.h>:** it is a header file in C. it stands for standard input/output function which contains printf(),scanf()functions.

**#include<stdlib.h>:** h is the header of the general purpose standard library of C programming language which includes functions involving memory location process control. The name stands for “standard library”.

**#include<conio.h>:** it is a header file used in C. it includes inbuilt functions like getch() and clrscr(). It stand for console input output i.e. it take input from keyboard and displays it on screen.

#include<string.h>:- it is a header file used in C .which contains macro definitions, constants and declarations of functions and types used not only for **string** handling but also various memory handling functions; the name is thus something of a misnomer. Functions declared in **string**.

#include<time.h>:- it is a header file used in C. this header file contains definitions of functions to get and manipulate date and time information.

**Fflush:** it use for going to next line.

***What is a structure?***  
A structure is a user defined data type in C/C++. A structure creates a data type that can be used to group items of possibly different types into a single type.

system("color",somecolorcodes);-this is a function in c to adjust background colour

fopen- fopen is a library function in C that is used to open a file to perform various operations which include reading, writing etc. along with various modes. If the file exists then the particular file is opened else a new file is created.

**r**

Open a text file for reading. The file must exist.

**w**

Create a text file for writing. If the given file exists, its contents are destroyed unless it is a logical file.

**a**

Open a text file in append mode for writing at the end of the file. The fopen() function creates the file if it does not exist and is not a logical file.

**r+**

Open a text file for both reading and writing. The file must exist.

**w+**

Create a text file for both reading and writing. If the given file exists, its contents are cleared unless it is a logical file.

**a+**

Open a text file in append mode for reading or updating at the end of the file. The fopen() function creates the file if it does not exist.

**rb**

Open a binary file for reading. The file must exist.

**wb**

Create an empty binary file for writing. If the file exists, its contents are cleared unless it is a logical file.

**ab**

Open a binary file in append mode for writing at the end of the file. The fopen function creates the file if it does not exist.

**r+b *or* rb+**

Open a binary file for both reading and writing. The file must exist.

**w+b *or* wb+**

Create an empty binary file for both reading and writing. If the file exists, its contents will be cleared unless it is a logical file.

**a+b *or* ab+**

Open a binary file in append mode for writing at the end of the file. The fopen() function creates the file if it does not exist.

Fclose-fclose is a function in c.. fclose() function closes the file that is being pointed by file pointer fp.

For reading a string value with spaces, we can use either gets() or fgets() in C programming language.

fflush() is typically used for output stream only. Its purpose is to clear (or flush) the output buffer and move the buffered data to console (in case of stdout) or disk (in case of file output stream).

Flag- Flag variable is used as a signal in programming to let the program know that a certain condition has met. It usually acts as a boolean variable indicating a condition to be either true or false.