



EC -Campus

Subject: Software Engineering

Subject Code: UE20CS303

GROUP NUMBER-8

Submitted by:

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ABSTRACT:

Employees are the backbone of any company therefore their management plays a major role in deciding the success of an organization. Employees Management Software makes it easy for the employer to keep track of all records. Manual handling of employee information poses a number of challenges. This system will maintain employee information in a database by fully privacy and authority access.

The goal of this project is to design and develop an employee management system to fill existing gaps in the electronic management of employees. The project is aimed at setting up employee information system about the status of the employee, the educational background and the work experience in order to help monitor the performance and achievements of the employee through a password protected system.

Objective:

- Designing a scheduling system for a work center.
- Well-designed database to store employee information.
- A user friendly front-end for the user to interact with the system.

Functionalities:

Creating profile

Entering the employee's information and storing it in the database and sorting them in their departments.

Non-functionalities

1. Access permissions: Only the designated people are allowed/permitted to edit or update the data to secure the data.
2. Authentication
3. Data capturing

Leave management

- Handling attendance and keeping track of their daily productivity (no. of hours spent/no of lines of code)
- Handling all the leave applications and paid or other holidays.

Non-functionalities

1. Accurate
2. Up to date
3. Confidential
4. Food ordering

Food management

An employee can pre -order the food and snacks from the provided menu of the day.

Non-functionalities

1. Easy to use
2. Good graphic design
3. Payment portal

Payment management

An option to collect your salary and pay for your expenses is provided by online method.

Non-functionalities

1. Security
2. Reliability
3. Confidentiality

Project description

Language used: Python, C++, HTML, CSS

Database: SQL

Plan of work:

Shubhangi Sadhwani	Payment management
Chaitra B N	Creating profile
Jigyta Taneja	Leave management
Nidhi Torvi	Food management

Conclusion:

Software for employee management systems helps your organization improve workforce productivity and boost overall well-being by tracking and monitoring the daily working activities of every employee.