

# Integrated Business Plus Employee Management System

**Description:** Integrated Business Plus Employee Management System is a comprehensive database project designed to solve the challenges organizations face in managing business and HR. The system aims to streamline processes, improve decision making, and for the organization accomplished by integrating different functionalities into an integrated approach.

## Features:

1. **Employee Information Management:** Capture and store comprehensive employee details including personal information, contact details, employment history, and qualifications.
2. **Attendance and Leave Management:** Implement a system for tracking employee attendance, including clock-in/clock-out times, breaks, and absences.
3. **Project Management:** Create and manage multiple projects within the system, including project details, timelines, milestones, and resources allocation.
4. **Payroll Management:** Automate the calculation of employee salaries, bonuses, deductions, and taxes based on predefined rules and regulations.
5. **Security and Access Control:** Implement robust security measures to protect sensitive employee and business data from unauthorized access or breaches. Define user roles and permissions to restrict access to specific functionalities and data based on job roles and responsibilities, ensuring data privacy and confidentiality.
6. In the frontend development of our project, we have implemented a robust solution to track and display user information using Java Swing. A pivotal component of this implementation is the Global User Class, meticulously crafted to efficiently manage data pertaining to users accessing the portal. This class serves as a cornerstone in ensuring personalized and interactive user experiences while maintaining the integrity and security of our application.

**Usage:**

1. Access the system using the provided login credentials.  
(For Admin: username: johndoe password: password123  
For Employee: username: bobjohnson password: password123)
2. Navigate through the different modules to perform various tasks.
3. Use the search and filter functionalities to find specific information or generate reports as needed.
4. Perform necessary CRUD operations (Create, Read, Update, Delete) on employee records, projects, tasks, etc.
5. Generate and export reports in various formats (CSV) for further analysis or sharing.

**Contributing:**

Contributions to the project are welcome! Please feel free to fork the repository, make improvements, and submit pull requests.

**Contact:**

For any inquiries or support, please contact [f20211516@pilani.bits-pilani.ac.in](mailto:f20211516@pilani.bits-pilani.ac.in)

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