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Sem: 3

Project :

Employee Seating Assessment

Objective :

→ The main objective of the Employee Seating Assessment is to manage the details of Employee, Seats, Customers and Work.

→ The project is totally built at administrative/Head Officer end and thus only the administrator/Head Officer is guaranteed the access. Thus , it makes the arrangement organised and centralised.

→ The purpose of the project is to build an application program to reduce the manual work for managing the Seats, Customer.

→ To track all the details about the Customers , Employees.

Introduction :

→ The " Employee Seating Assessment" has been developed to override the problems prevailing in practicing manual system. This software is supported to eliminate and reduce hardships faced by existing system.

→ This project provides a way to allocate Seats for each employee of various branches and sections without any clash . It also keep a check at the duties of various employee at different seats during work.

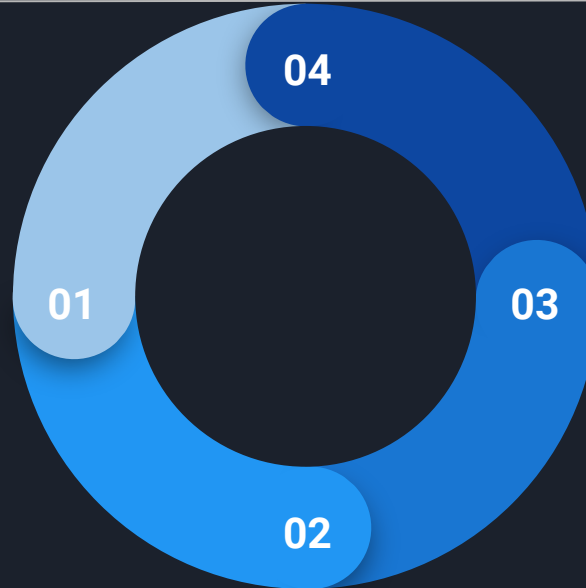→ The system stores list of employees , customers and list of employees appearing on each day.

REQUIREMENTS :

Hardware :

→ Laptop

MySQL

For Creating Database Applying Queries

04

01

03

02

Software :

→ IntelliJ IDEA CE

→ Frontend Programming

→ Backend Programming

→ Database Connectivity

Existing System:

01   In the existing system the attendance is done only manually but in proposed system we have to computerize the attendance using this application.

→ More man power

→ Time Consuming

→ Consumes large volume of paper work.

→ Needs Manual Calculation.

Proposed System:

02

The aim of the proposed system is to develop a system of improved facilities.The proposed system can improve all the limitation of the existing system.The system provides proper security and reduces manual work.
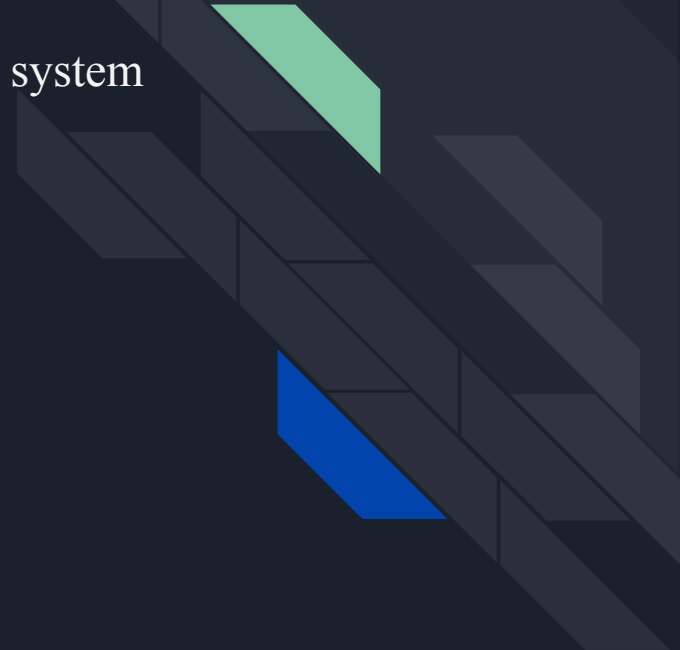
→ Security of data.

→ Proper control of head officer.

→ Minimize manual data entry.

→ Greater efficiency.

→ User friendly and interactive

Explanation :

→ The user in the management system is the administrator/officer that does the authentication by logging in with the respective credentials.

The user has two ways to access the management system
      → Customer management
      → Employee management

Employee Management Section :

→ It consists of details of employee such as name , ID and department, seat no.

→ The allotment of every employees is done to each desk/chair where chair is empty.

→ The allotment is done using the Random Function.

→ This process goes on unless every chair is given employees to perform their respective duty.

Customer Management Section :

→ It consists of details of customer such as name , phone number.
→ Whenever customer enter the system they have to give answer about employee is there available or not. So system can do attendance of employee.
→ If employee is not their then system tell them to go another employee who is present nearby him.
→ And employee solve the problem of customer then system will ask to give feedback out of 10. So that Officer will know how their employee works good or not!!

Packages used :

Java.Lang : Provides classes that are fundamental to the design of the Java programming language. The most important classes are Object, which is the root of the class hierarchy, and Class, instances of which represent classes at run time and it is a default package in java.

Java.util: It contains the collections of framework,legacy collection classes, event model, date and time facilities, internationalization, and miscellaneous utility classes .

Packages used :

Java.sql : We have relational databases, from which at many times we need to access the data. For various data processing related matters from RDBMS we have java.sql package.

```
/Library/Java/JavaVirtualMachines/jdk-18.0.2.jdk/Contents/Home/bin/java -javaage
                EMPLOYEE SEATING ASSESMENT


Press 1 : For Employee Seating Details
Press 2 : For Employee Work Details
Press 3 : For Customer
Press 4 : To Exit Portal


Please Enter choice :
```

Press 1 : For Employee Seating Details
Press 2 : For Employee Work Details
Press 3 : For Customer
Press 4 : To Exit Portal

Please Enter choice :1
Enter Employee's ID : 123
Enter Employee's name : shivam
Enter Employee's Role : software developer
Your Seat No is : 51

Press Enter to Continue...   EMPLOYEE SEATING ASSESMENT

```
Press 1 : For Employee Seating Details
Press 2 : For Employee Work Details
Press 3 : For Customer
Press 4 : To Exit Portal

Please Enter choice :2
Enter Employee's ID : 123
Enter Employee's name : shivam
Press 1 : If Your Work Is Done!!
Press 2 : If Your Work Is Not Done!!
1
Nice! Well Done
```

```
Press 1 : For Employee Seating Details
Press 2 : For Employee Work Details
Press 3 : For Customer
Press 4 : To Exit Portal

Please Enter choice :2
Enter Employee's ID : 123
Enter Employee's name : shivam
Press 1 : If Your Work Is Done!!
Press 2 : If Your Work Is Not Done!!
2
Make Sure You will done your Work in 2 days
```

```
Press 1 : For Employee Seating Details
Press 2 : For Employee Work Details
Press 3 : For Customer
Press 4 : To Exit Portal


Please Enter choice :3
Enter Your Name:
shivamm
When You Came here, Employee was present in his desk?
If yes! then please Press (y or Y) Otherwise (n or N) : y
Did Employee Solved Your Problem?
If yes! then please Press (y or Y) Otherwise (n or N) : y
Please give us feedback out of 10
6
Thank You For Using my Software


Process finished with exit code 0
```

```
/Library/Java/JavaVirtualMachines/jdk-18.0.2.jdk/Contents/Home/bin/java -javaa

                EMPLOYEE SEATING ASSESMENT


Press 1 : For Employee Seating Details
Press 2 : For Employee Work Details
Press 3 : For Customer
Press 4 : To Exit Portal

Please Enter choice :3
Enter Your Name:
shivm
When You Came here, Employee was present in his desk?
If yes! then please Press (y or Y) Otherwise (n or N) : y
Did Employee Solved Your Problem?
If yes! then please Press (y or Y) Otherwise (n or N) : n
Please Go to Other Employee's Desk..
Thank You For Using my Software
```

```
                    EMPLOYEE SEATING ASSESMENT


Press 1 : For Employee Seating Details
Press 2 : For Employee Work Details
Press 3 : For Customer
Press 4 : To Exit Portal


Please Enter choice :3
Enter Your Name:
uuu
When You Came here, Employee was present in his desk?
If yes! then please Press (y or Y) Otherwise (n or N) : n
Sorry Sir for waste your time.. Please Go to Other Employee's Desk..
Thank You For Using my Software
```

Conclusion:

--->Hence, a system will be developed which will help in managing all the procedures. It helps in avoiding the manual work and all the problems with it. The following conclusions can be drawn from the project:-

→ automation of the entire system provides efficiency.

→ Inserting of information becomes easier.

→ It gives appropriate to the authorised user.

→ It effectively overcomes the delay in communication.

References:

→ Stackoverflow.com

→ Javatpoint.com

→ Geeksforgeeks.com

Thank you!