**JAVA PROJECT  
Attendance Portal System**

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**ABSTRACT-**Attendance portal system is a java applet application that offers the functionality of attendance system to the teachers. It is a simple application where an admin can create teacher login as well as student login. Teachers have access to this application and can take attendance of each student of various subjects listed.  
Attendance report of particular subject an also be generated.

**Objective-**Its objective is to ease the task of teacher of taking attendance of the whole class. Moreover it can generate a day wise report of every subject listed in the program to have a record of attendance of all the students.

**CLASSES IN PROJECT-**

Addstudent.java  
Addteacher.java  
admin.java  
Attendanceproj.java  
Entryportal.java  
Report.java  
Takeattendance.java  
Teacher1.java

* **Addstudent.java**- This class extends Jframe class. It contains the layout of the add student button functionality. The student details added here are stored in a text file for future use. All this information about student is then displayed to teacher for attendance system.
* **Addteacher**.**java**- This class extends Jframe class. It contains the layout of the add teacher button functionality. The teacher details added here are stored in a text file for future use. Teacher login is created so that teacher could take attendance using this portal.
* **admin.java**- Layout for admin portal. It offers the functionality of adding teacher and student in the application.
* **Attendanceproj**.j**ava**- Main function which calls the project together.
* **Entryportal**.**java**-This is a main page of application. This class extends Jframe class and provides layout of the entry portal. This class includes option to login as teacher or admin.
* **Takeattendance**.**java**- It allows teacher to take attendance of student in a particular subject at a time. It feed the attendance details in a text file named as of subject. This text file is then used by report class to generate report. For each new day attendance this file gets updated.
* **Report**.**java**- Generates report of attendance using text file stored.
* **Teacher1**.**java**- This class is a layout of teacher login. This offers the functionality of take attendance and generates report.

**Users.txt-** This text file have login credentials for admin and teacher.

**To run a program-**

**Requirements-**  
Java installed in a system with latest JDK (eg JDK 13)  
JFrame installed (Use eclipse already satisfy all requirements)

---- Open project in eclipse.  
----Run only attendanceproj.java file.  
----For login details refer to user.txt.