**Accreditation Compliance System**

This is a Jawa awt/swing application created with the help of Eclipse Ide.

A local mysql database is the base of this application. It checks the username and password match in the database to login and also holds all the checklists for each department.

The zip folder **“Acs.zip” contains all the source code in the src** and files used for the application. It can be imported to any Ide (say Eclipse Ide) and run from it.

Setting up the database for running the program

Method 1

* Open the terminal and log into mysql
* Create a database named as accreditation (For eg: create accreditation; ) and Exit from mysql
* Type the command

mysql -u “username” -p accreditation < “Path of the accreditation.sql file”;

(For example: mysql -u athul -p accreditation < “D:/Data/accreditation.sql”)

(The accreditation.sql file can be found in the same folder)

* Open the MyConnection.java in the acs.zip/oopawt/src/sample

Replace “athul” with sql username and “Athul.1999” with sql password in the following line

of code

con = DriverManager.getConnection("jdbc:mysql://localhost/accreditation", "athul", "Athul.1999");

Can change the directory of the validation file while changing the line of code

FileWriter writer = new FileWriter("/home/athulatk/Desktop/Validations/CSE.txt", true);

in files Pcivil2.java , Pcse.java , Pece.java, Peee.java, Pme.java.

Method 2

If the above method doesn’t work ,

Login to mysql and create a database named as accreditation

In the “accreditation” database, create tables dept.login, mechdocs, csedocs, ecedocs, eeedocs, civildocs.

The structure and contents of each table is given as csv documents in the folder accreditation (which can be found in the same folder) where each csv document has the filename as the name of the table to be created.

Username of principal : principalcet

Password of principal: Princi@99

All the dept usernames and passwords are in the “dept.login” table in the “accreditation” folder.

Steps to import and run the archive folder in Eclipse Ide

* Click the file menu ---> Import
* Then select General ---> Existing projects into workspace
* Choose archive file
* Finish
* Right click the project --> Run --> Java application.

The java project can also be run by opening the “acs.jar” file.

The project will only be fully functional with the presence of database.

A detailed demo video is attached which shows all the properties and functionalites of the application (Please use headphones so it will be audible)

A project report is also attached.

Screens

* Login screen
* Department screen for department login
* Principal screen for principal login

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S4 CSE

41