```
Class Conrse implements Serializable
        String course Name
         string
                 conrseId
            int maximum Students
            int current Sty dents
Arran List LStudenty list of Names
         String conseInstructor
            int conseSectionNumber
         String conselection
Course ()
Course (name, id, maximum, instructor, sec Num, location)
Getters & Setters
add Student (first Name, Jost Name)
delete Student (first Name, last Name)
displayAllInformation (list)
```

```
Abstract Class User
          String
                    username
          String
                    Passmord
          String
                   first Name
           String
                   last Name
ArrayList (Student) StudentList Of A class
ArranList Lstudent 7 all Student
User ()
 User (username, password, firstN, last N)
 Getters & Setters
 ViewAll Conses (list)
 view All Full Conses (list)
```

Extends

Extends

Implements

```
Interface InterfaceAdmin

CreateANew Course (Course on, ArrayList < Course > list)

deleteACourse (secNum, id, list)

editACourse (secNum, id, list)

display Information For A Given Course (secNum, id, list)

register A Student (username, password, first Name, last Name)

Vien All Courses (list)

vien All Full Courses (list)
```

```
Class Admin

Admin ()

Admin (username, password)

Admin (username, password,
ProtName, lastName)

Method implements InterfaceAdmin
```

view Strodents Registered In A. Specific Comse (sec Norm, id, list)
view Conses Registered By A. Strodent (first Name, lost Norme, list)
soft Conses Based On Connent Strodent Normbers (list)

Implements

Interface Interface Student

viewAll Courses (list)

viewAllFullConses (list)

register On A Conse (conseName, section, firstName, lost Name, list)

withdraw From A Course (first Name, last Name, course Name, section, list)

viewAll Consus Registered (first Name, last Name)

Class Course Registration System implements Serializable

Description & Seriolization

Admin & Student Log in & Make changes

Class Student

string nserhame

String possword

String first Name

String lostName

Army List (Conse) my Conse

Student ()

Student (firstName, lastName)

Student (nsername, password, firstName, last Name)

Method implements Interface student

Workflow:

Deservation -> Admin Log In -> Deservation -> Menn displayed -> Select choices

→ Make changes → Admin Log Ont → Serialization

Student Log In -> Menn displayed -> select choices -> Make changes -> Student Log Ont

-> Serialization

Admin OR Student Log In Again & Again (Same work-flow as orbove)