Design of my program

Classes

```
class User
 - username
 - password
```

```
class Course
 - name
 - id
 - section
 - role
 - instructor
```

```
class School
 - All students in
   program
 - All courses in program
```

Admin   Student

Methods by Class

Admin | • Creates: Students
                    Courses
        • Deletes: Courses
        • Edits: Courses
        • Can access all info
✿ Admin has full access to everything in school data ✿

Courses | • Holds: Lists of student objects
          • Checks: If itself is full
               The amount of students in it
✿ Courses do not act upon any other object besides
   itself ✿

Student | • Actions: Can put itself in a course; makes
                      itself a part of the course object
                    • Can remove itself from a course object
          • Checks: Info about course objects

School | • Purpose: Hold the data

Workflow

Find out if need to deserialize or not

yes   no

deserialize

read from CSV

Keep running program?

no

☆ end ☆

yes

Login

if student   if admin

display student menu

display admin menu

exit   do something

do something   exit

logout of user and save progress

perform action

perform action

logout of user and save progress