CPSC2100 Spring 2016
Project Part 3 Comments
Team 5

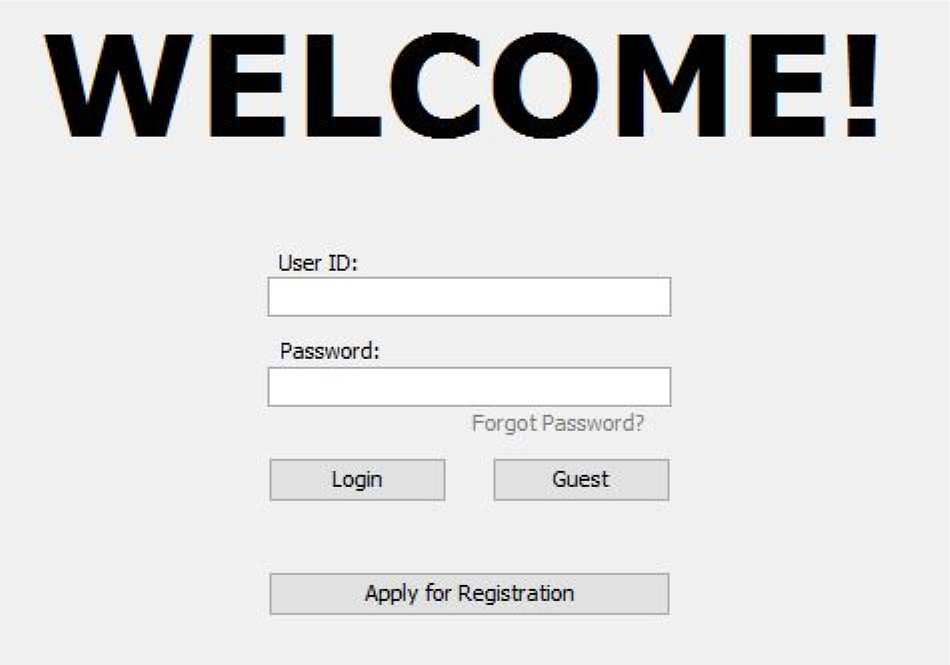
Universities nowadays have their own online registration system to facilitate the course registration process where each student can use it to register for his/her courses before the semester begins. The system also enables the staff of each academic department to examine the course offered by their department, add and remove courses, and change the information about them (e.g., the maximum number of students permitted, course description, unique course number, course name, section number, time, etc.). It should permit students to examine currently available courses, add and drop courses to and from their schedules, and examine the courses for which they are enrolled. The system will allow the student to register for a single course only once and will allow them to print their schedule for the semester. Department staff should be able to print a variety of reports about the courses and the students they are enrolled in them. The system should ensure that any student will take no less than three courses and no more that five courses for each semester. Students who have any unpaid fees are not permitted to register (assume that a fees data store is maintained by the university's financial office, which the registration system accesses but does not change). On the other hand, the system will allow the instructors to print reports about the courses they teach and the list of students enrolled in each course. Each user will maintain a user name and password that will allow him/her to access the system.

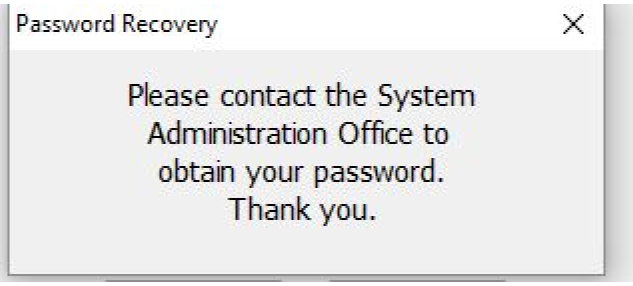
For the FINAL part of CPSC 2100 project, you are required to finish your JAVA Online Registration System that allow different actors to interact with the system you designed in the first part of the project. You need to add actions to your GUI interfaces you create in Part (2) of the project.

Submission instructions:

- Create a main folder (ProjectPart3-Group_GroupNumber).
- Provide a PDF document (Group#_diagrams.pdf) including your enhanced design diagrams from the first part of the project.
- Add your GUI diagram to the document in step 2.
- Add a summary report document (PDF) file describing how the work was distributed between the group members. Discuss the tasks that each team member performed and the amount of work that was done.
- create a folder "Code" in the main folder and insert your code in it.
- Make sure to insert comments in your code following the javadoc style.
- In your comments insert the name of the authors including your group number.
- Add one page (PDF) on which IDE you used in the development and explain how to run you code.
- Create a Runnable JAR file to be used to start you program and include it in your main folder.
- Create a zip folder (ProjectPart3-Group_GroupNumber.zip).
- Team Lead Should Upload the zip file to UTCLearn.

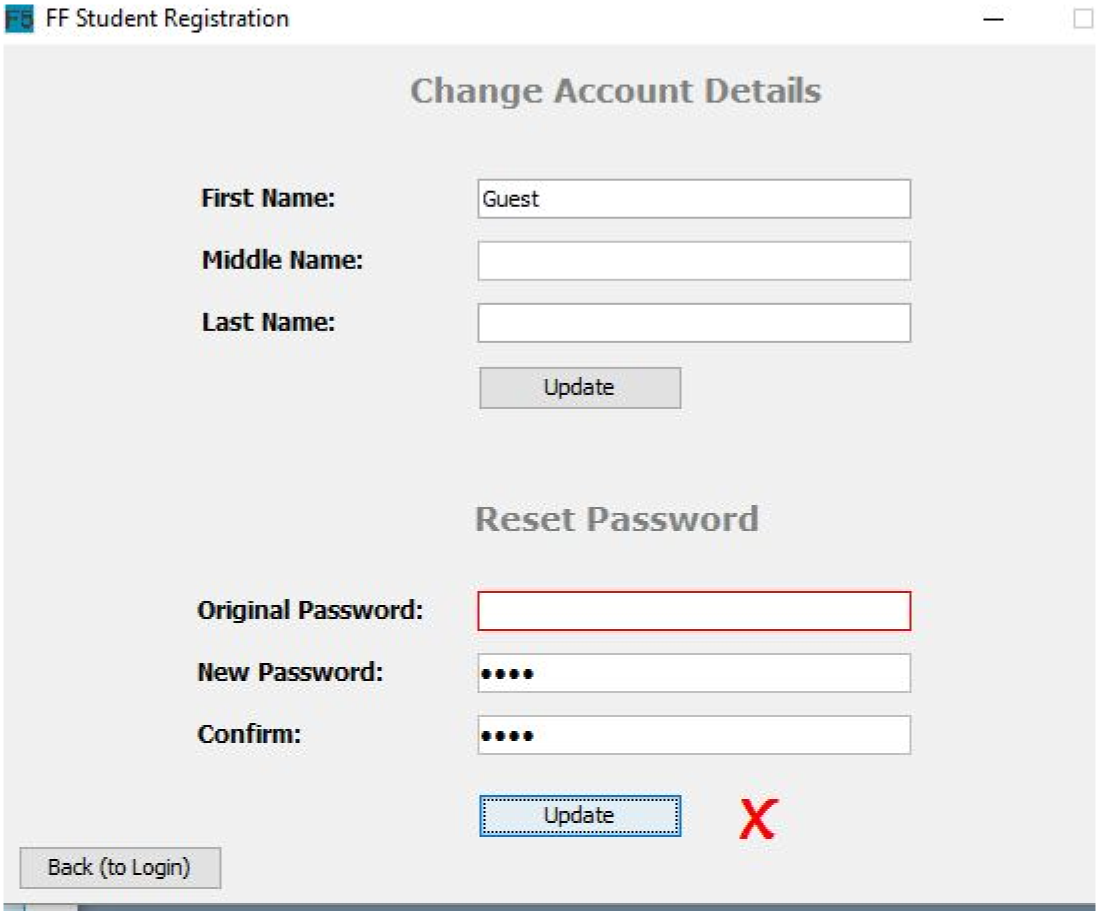
Following naming convention.





Please contact the System Administration Office to obtain your password. Thank you.

Couldn’t change guest password.



FF Student Registration

Change Account Details

First Name: Guest

Middle Name:

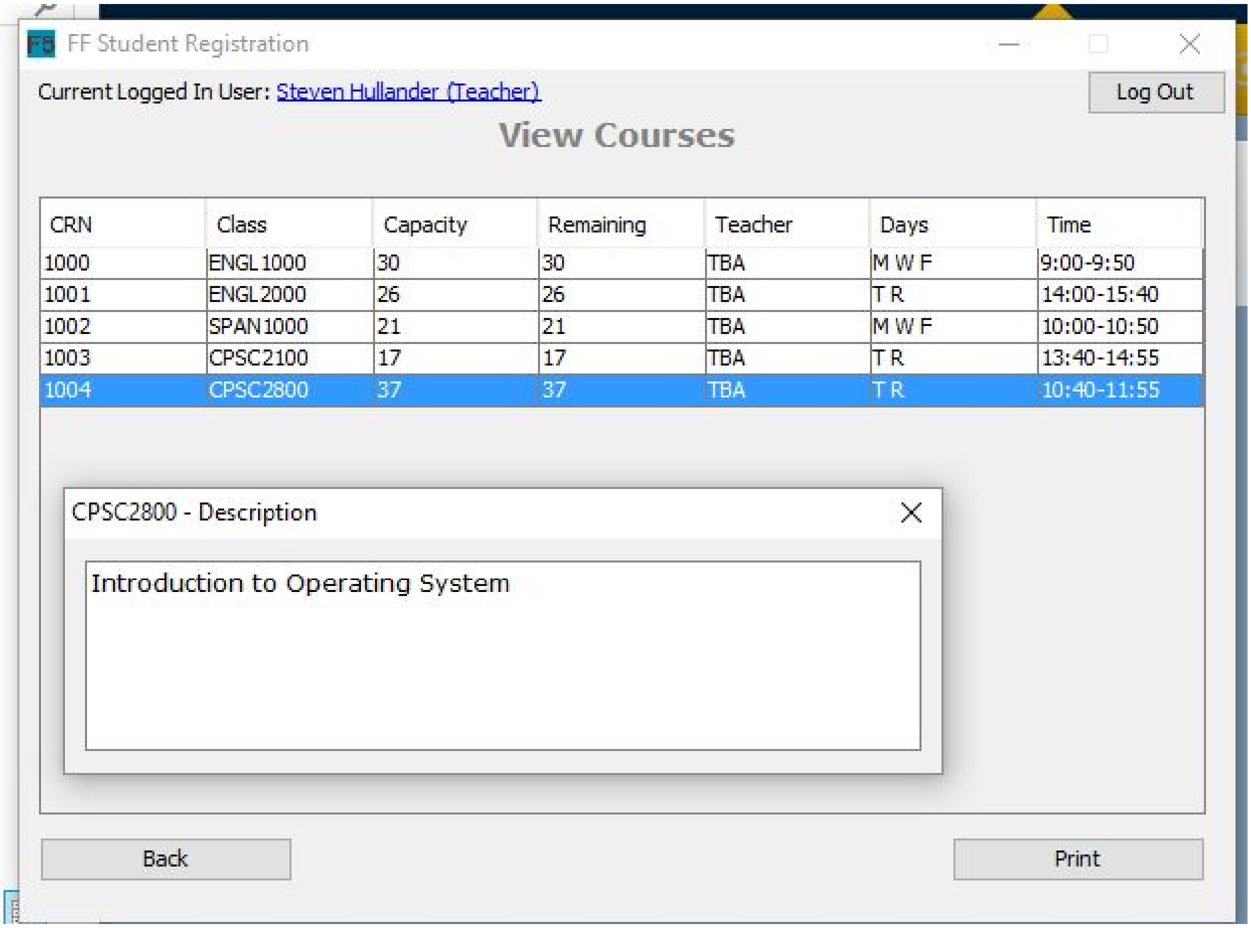
Last Name:

Reset Password

Original Password:

New Password: ●●●●

Confirm: ●●●●



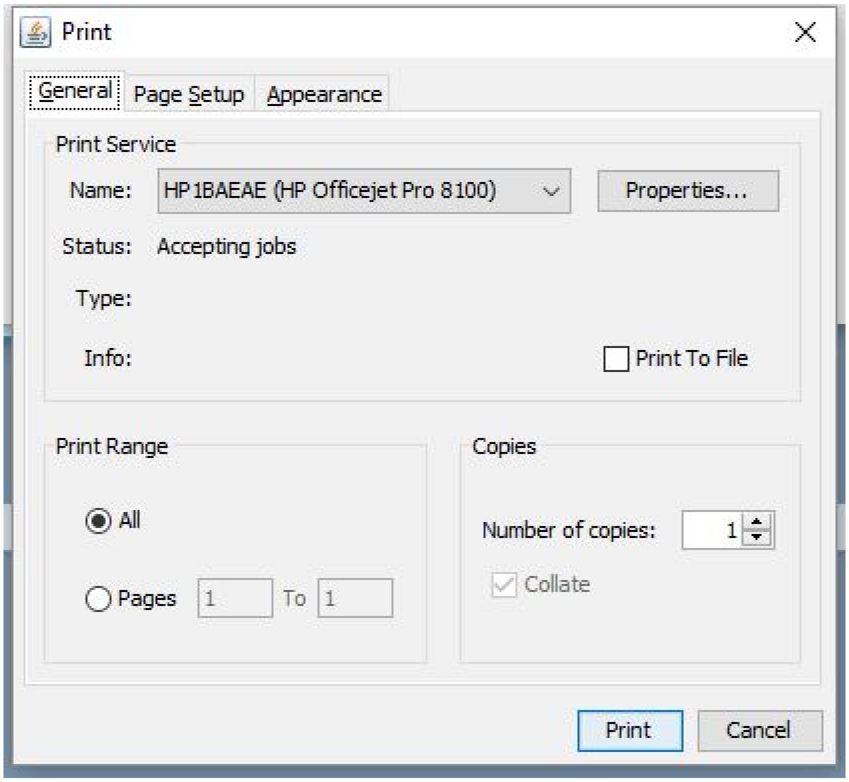
Current Logged In User: Steven Hullander (Teacher)

View Courses

CRN	Class	Capacity	Remaining	Teacher	Days	Time
1000	ENGL1000	30	30	TBA	M W F	9:00-9:50
1001	ENGL2000	26	26	TBA	T R	14:00-15:40
1002	SPAN1000	21	21	TBA	M W F	10:00-10:50
1003	CPSC2100	17	17	TBA	T R	13:40-14:55
1004	CPSC2800	37	37	TBA	T R	10:40-11:55

CPSC2800 - Description

Introduction to Operating System



Print Service

Name: HP1BAEAE (HP Officejet Pro 8100)

Status: Accepting jobs

Type:

Info:

□ Print To File

Print Range

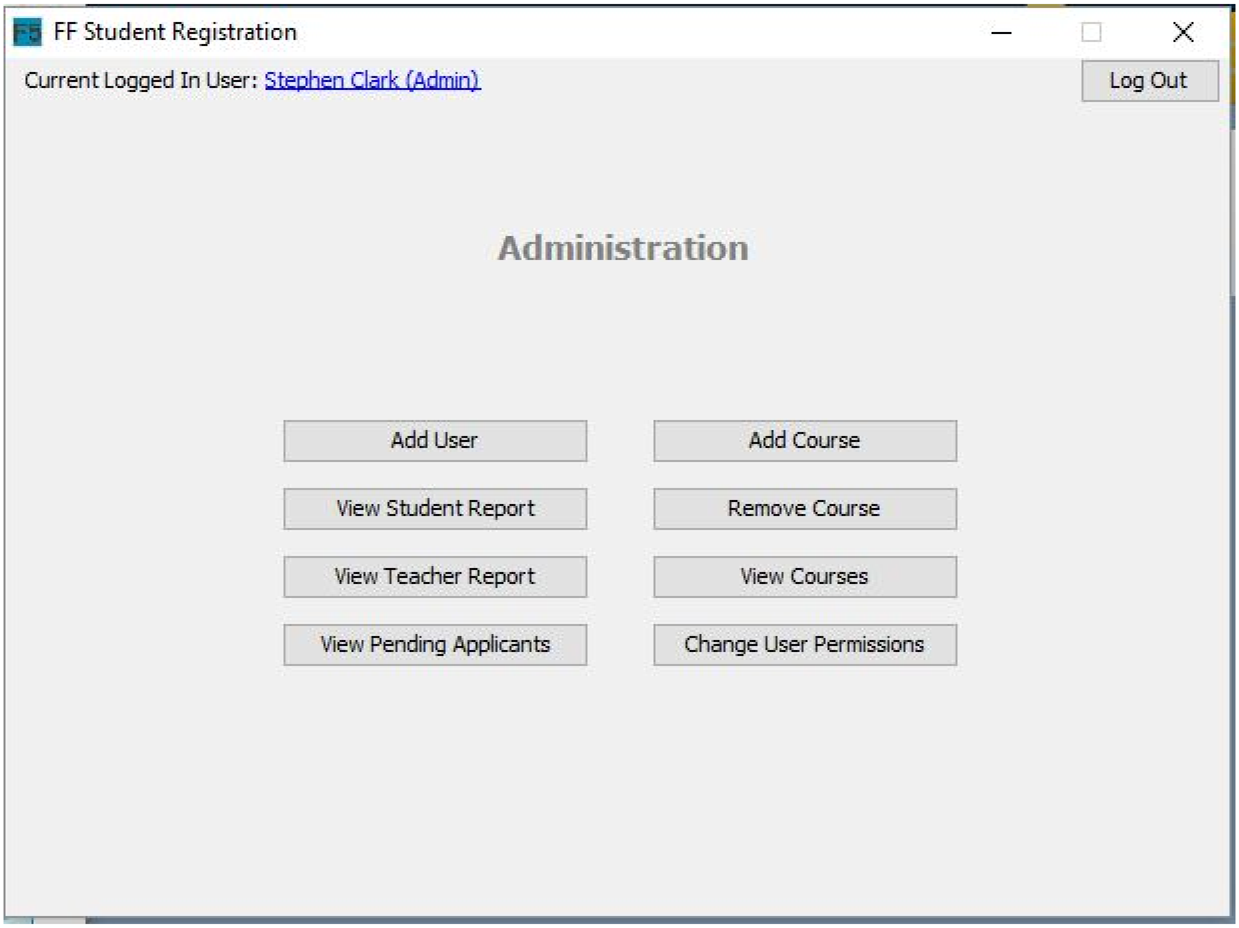
● All

○ Pages 1 To 1

Copies

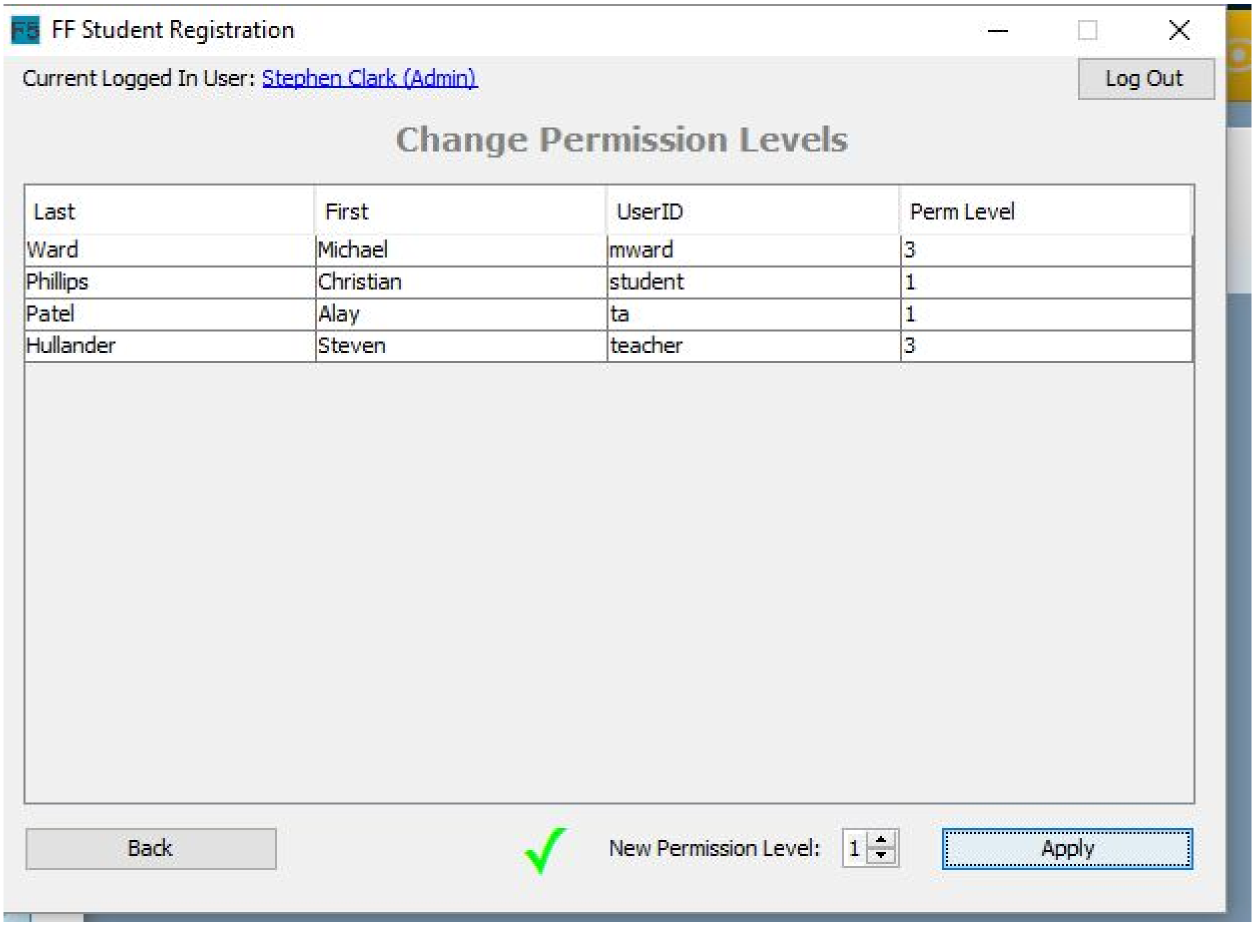
Number of copies: 1

☑ Collate



Current Logged In User: Stephen Clark (Admin)

Administration



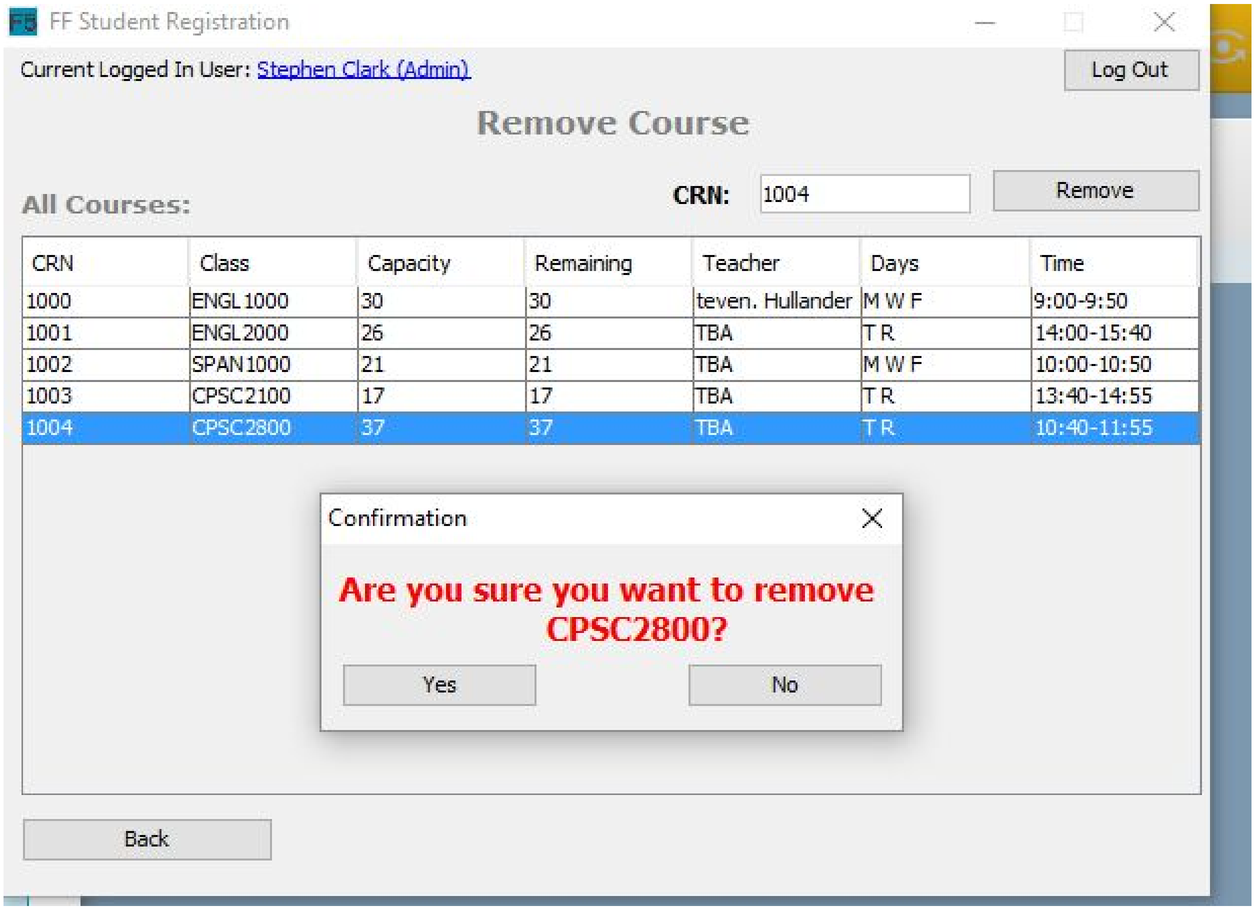
Current Logged In User: Stephen Clark (Admin)

Change Permission Levels

Last	First	UserID	Perm Level
Ward	Michael	mward	3
Phillips	Christian	student	1
Patel	Alay	ta	1
Hullander	Steven	teacher	3

New Permission Level: 1

Good feedback while maintaining GUI consistency.



Current Logged In User: Stephen Clark (Admin)

Remove Course

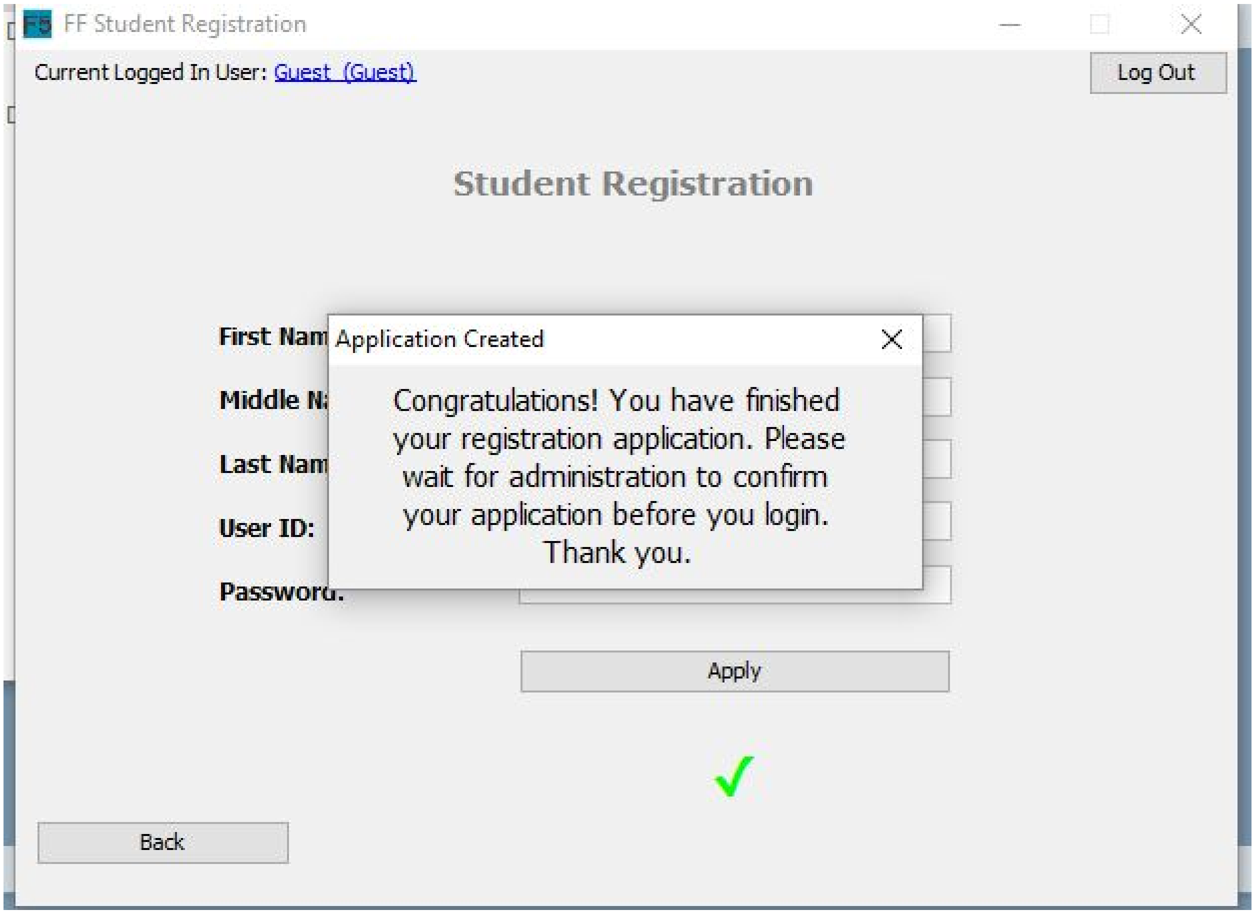
All Courses:

CRN: 1004

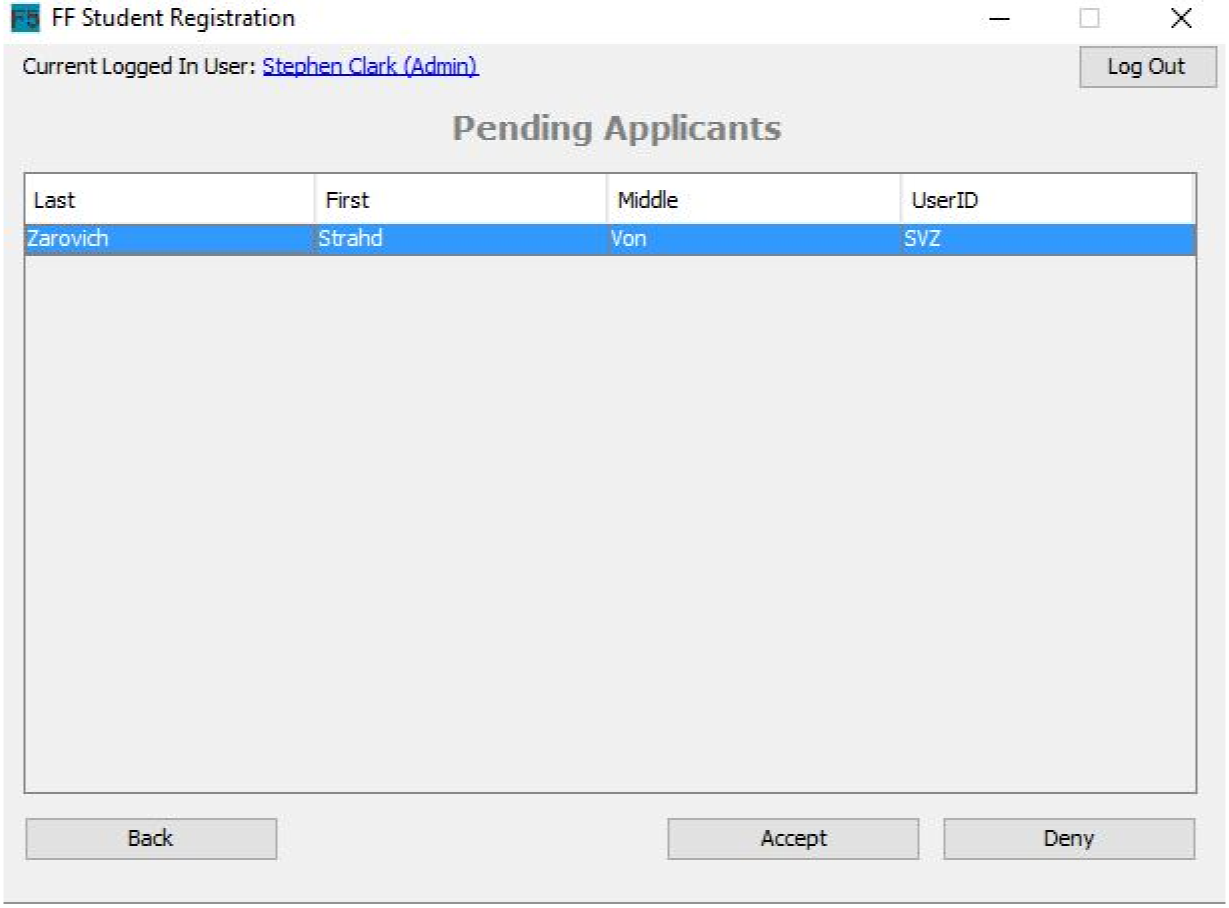
CRN	Class	Capacity	Remaining	Teacher	Days	Time
1000	ENGL1000	30	30	teven. Hullander	M W F	9:00-9:50
1001	ENGL2000	26	26	TBA	T R	14:00-15:40
1002	SPAN1000	21	21	TBA	M W F	10:00-10:50
1003	CPSC2100	17	17	TBA	T R	13:40-14:55
1004	CPSC2800	37	37	TBA	T R	10:40-11:55

Confirmation

Are you sure you want to remove CPSC2800?



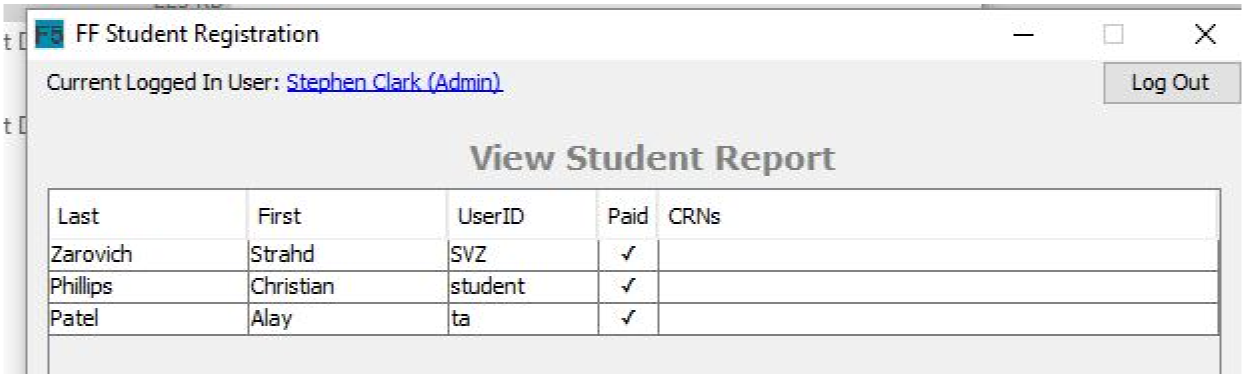
Congratulations! You have finished your registration application. Please wait for administration to confirm your application before you login. Thank you.



Current Logged In User: Stephen Clark (Admin)

Pending Applicants

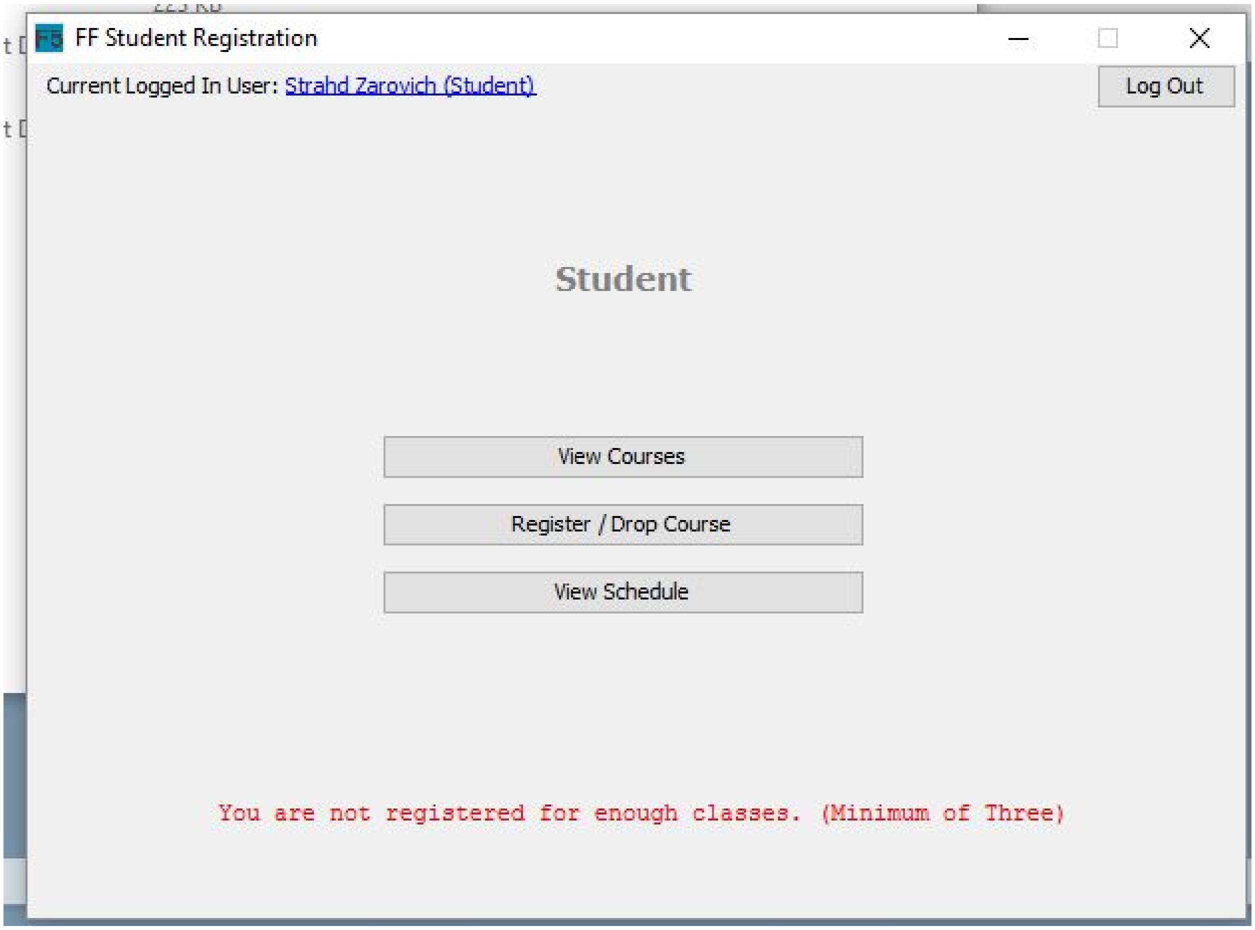
Last	First	Middle	UserID
Zarovich	Strahd	Von	SVZ



Current Logged In User: Stephen Clark (Admin)

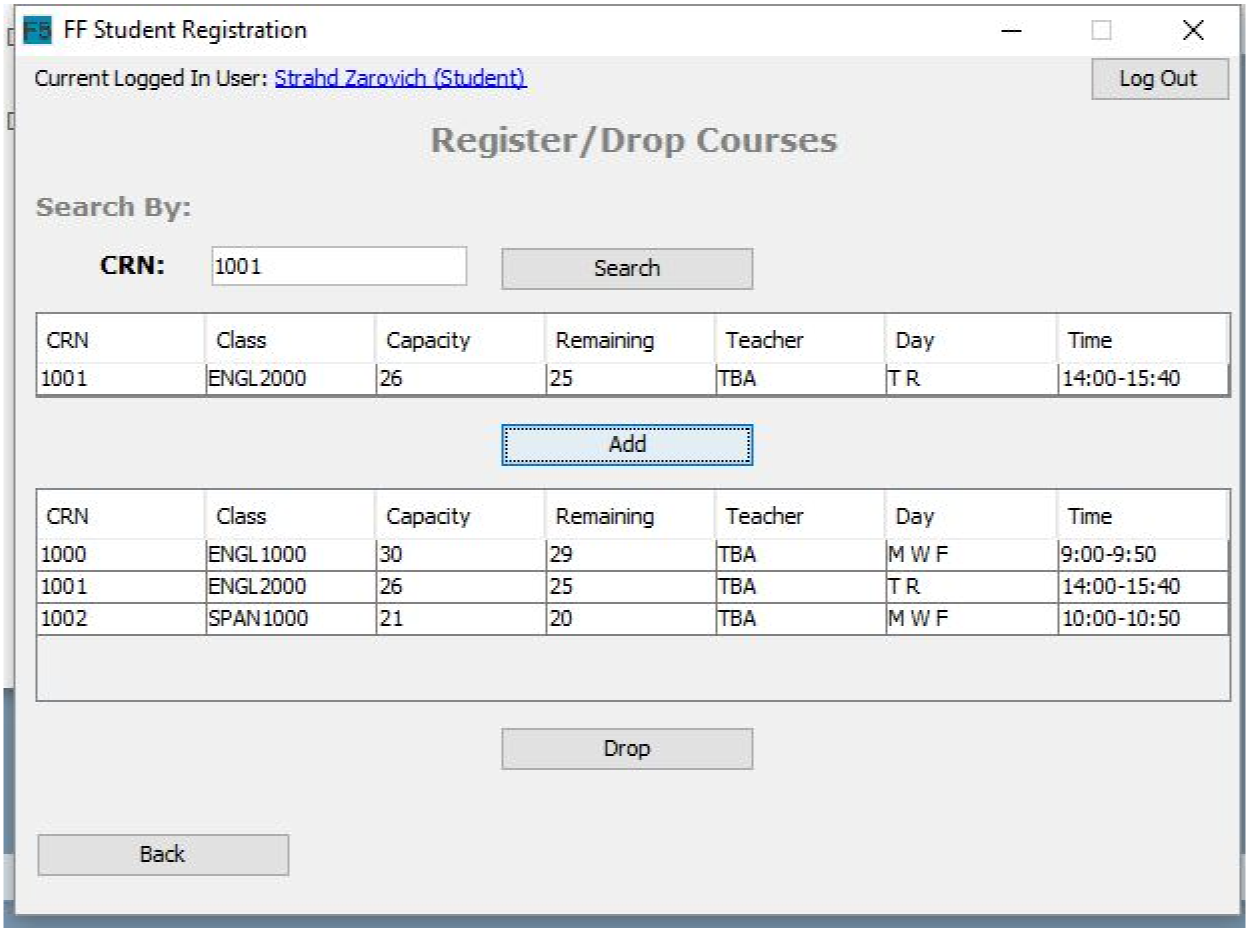
View Student Report

Last	First	UserID	Paid	CRNs
Zarovich	Strahd	SVZ	✓	
Phillips	Christian	student	✓	
Patel	Alay	ta	✓	



Current Logged In User: Strahd Zarovich (Student)

You are not registered for enough classes. (Minimum of Three)



FF Student Registration

Current Logged In User: Strahd Zarovich (Student)

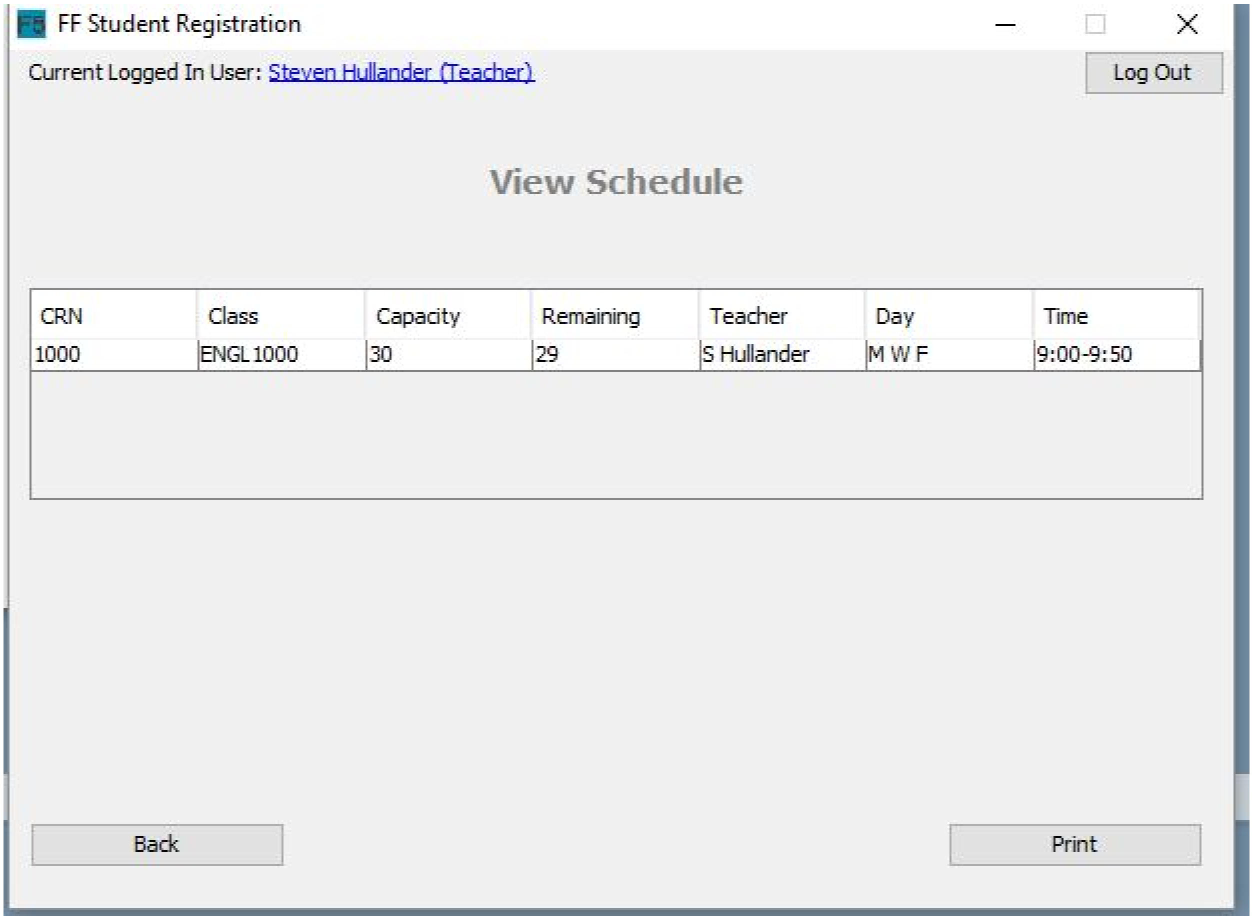
Register/Drop Courses

Search By:

CRN: 1001

CRN	Class	Capacity	Remaining	Teacher	Day	Time
1001	ENGL2000	26	25	TBA	T R	14:00-15:40

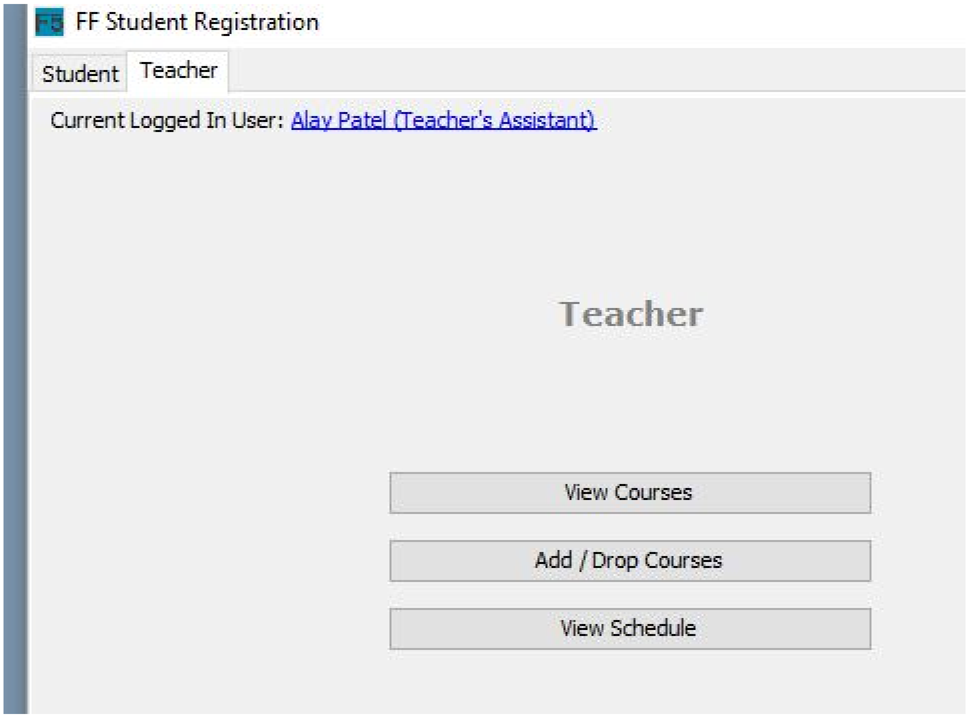
CRN	Class	Capacity	Remaining	Teacher	Day	Time
1000	ENGL1000	30	29	TBA	M W F	9:00-9:50
1001	ENGL2000	26	25	TBA	T R	14:00-15:40
1002	SPAN1000	21	20	TBA	M W F	10:00-10:50



View Schedule

CRN	Class	Capacity	Remaining	Teacher	Day	Time
1000	ENGL 1000	30	29	S Hullander	M W F	9:00-9:50

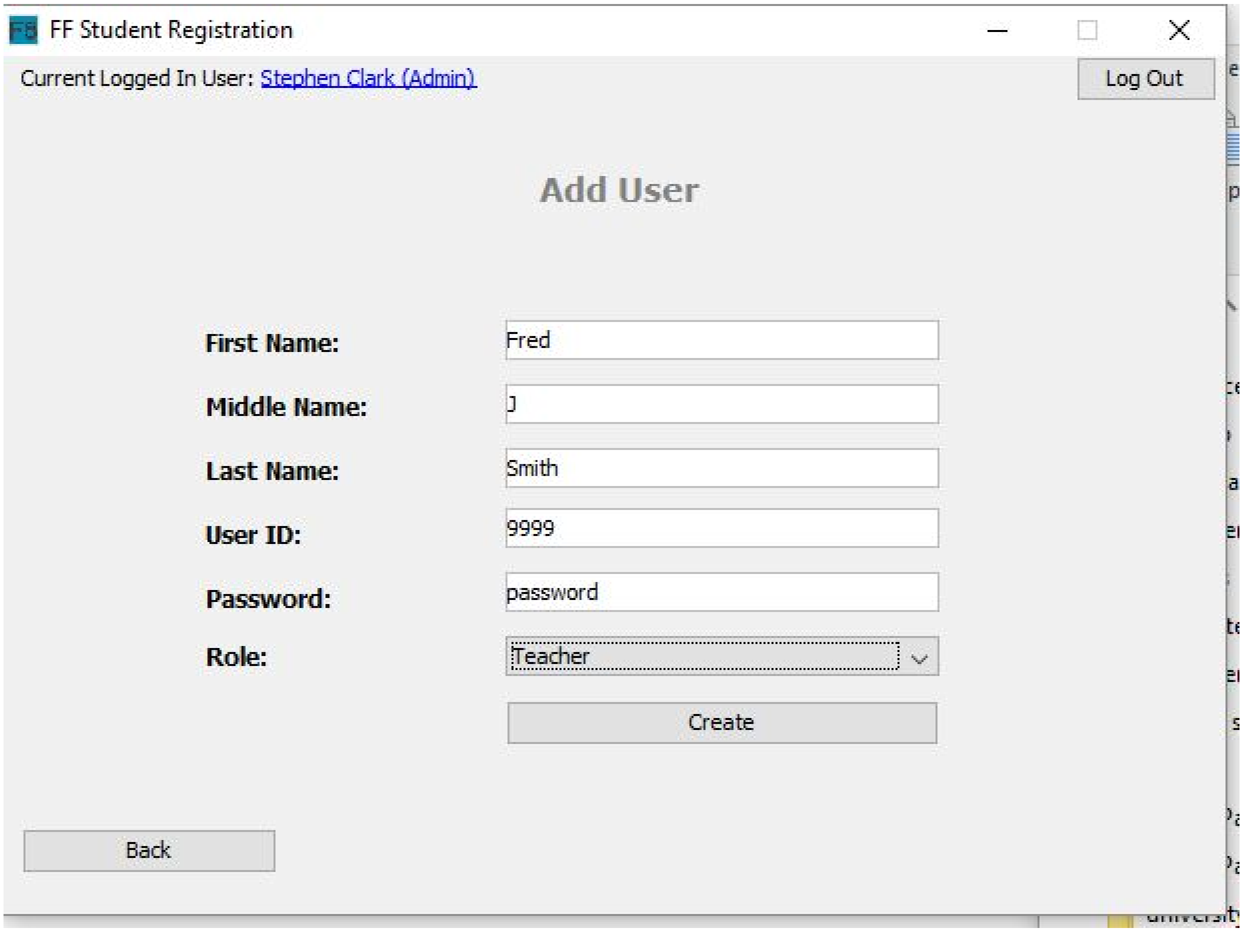
Could be TA and Student.



FF Student Registration

Current Logged In User: Alay Patel (Teacher's Assistant)

Teacher



FF Student Registration

Current Logged In User: Stephen Clark (Admin)

Add User

First Name: Fred

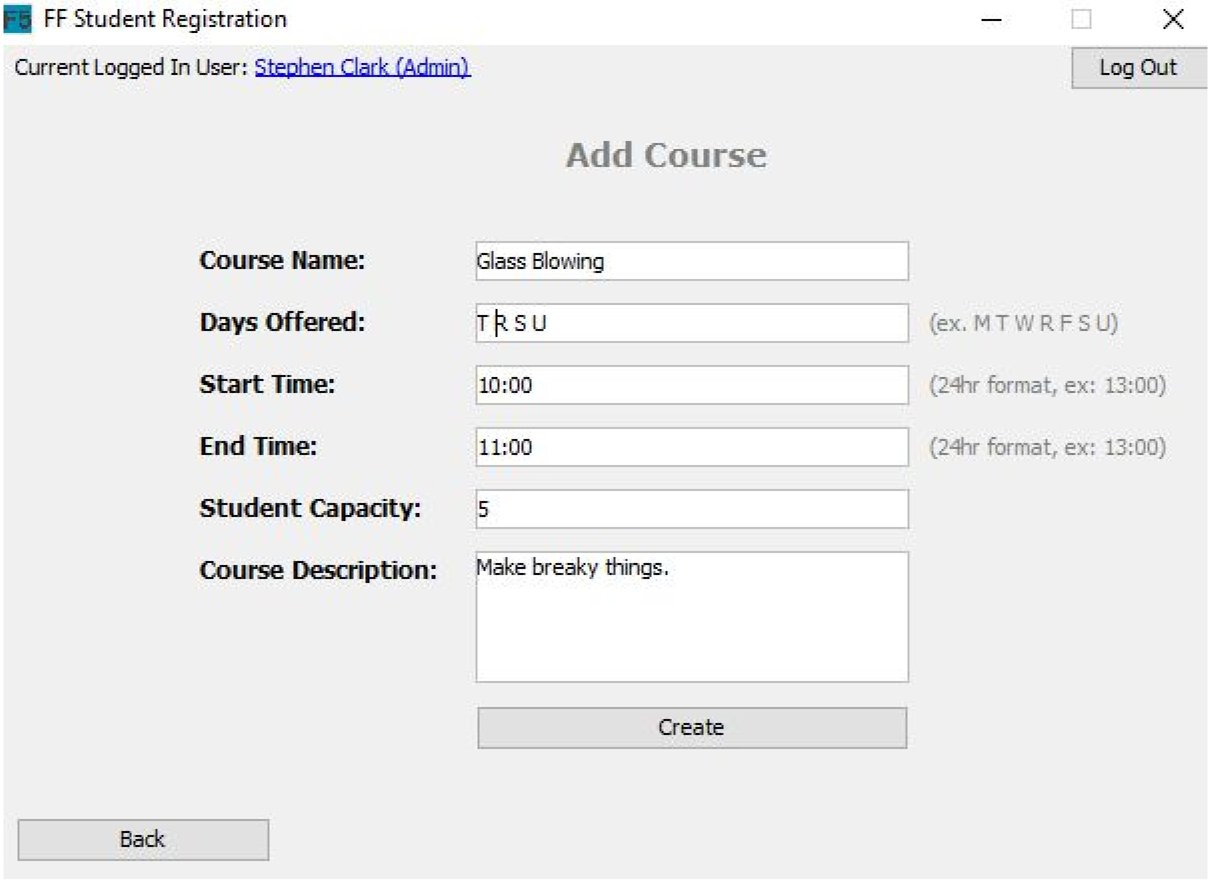
Middle Name: J

Last Name: Smith

User ID: 9999

Password: password

Role: Teacher



Current Logged In User: Stephen Clark (Admin)

Add Course

Course Name: Glass Blowing

Days Offered: T R S U (ex. M T W R F S U)

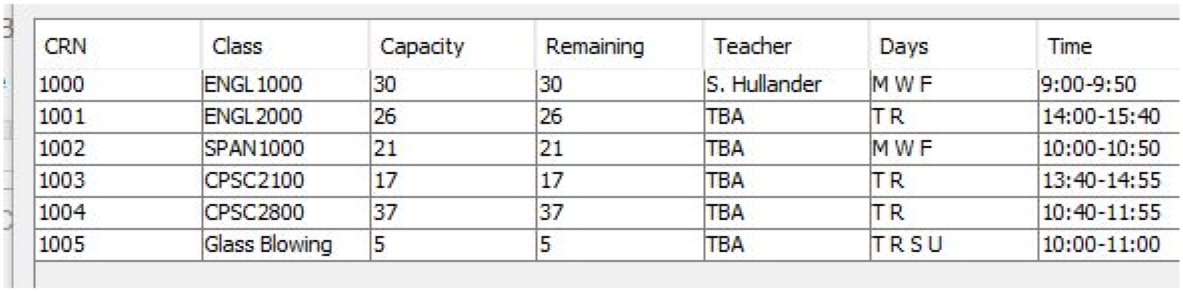
Start Time: 10:00 (24hr format, ex: 13:00)

End Time: 11:00 (24hr format, ex: 13:00)

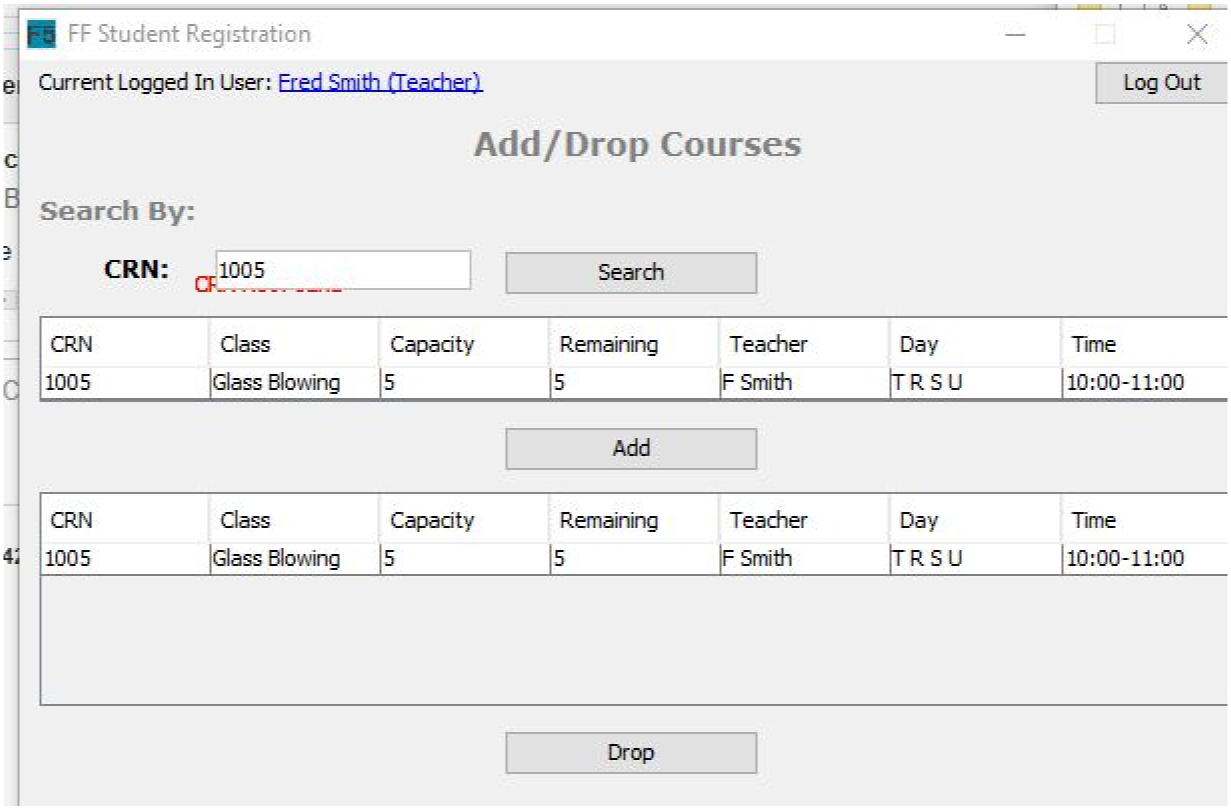
Student Capacity: 5

Course Description: Make breaky things.

Where is CRN number? Auto generated?



CRN	Class	Capacity	Remaining	Teacher	Days	Time
1000	ENGL1000	30	30	S. Hullander	M W F	9:00-9:50
1001	ENGL2000	26	26	TBA	T R	14:00-15:40
1002	SPAN1000	21	21	TBA	M W F	10:00-10:50
1003	CPSC2100	17	17	TBA	T R	13:40-14:55
1004	CPSC2800	37	37	TBA	T R	10:40-11:55
1005	Glass Blowing	5	5	TBA	T R S U	10:00-11:00



Current Logged In User: Fred Smith (Teacher)

Add/Drop Courses

Search By:

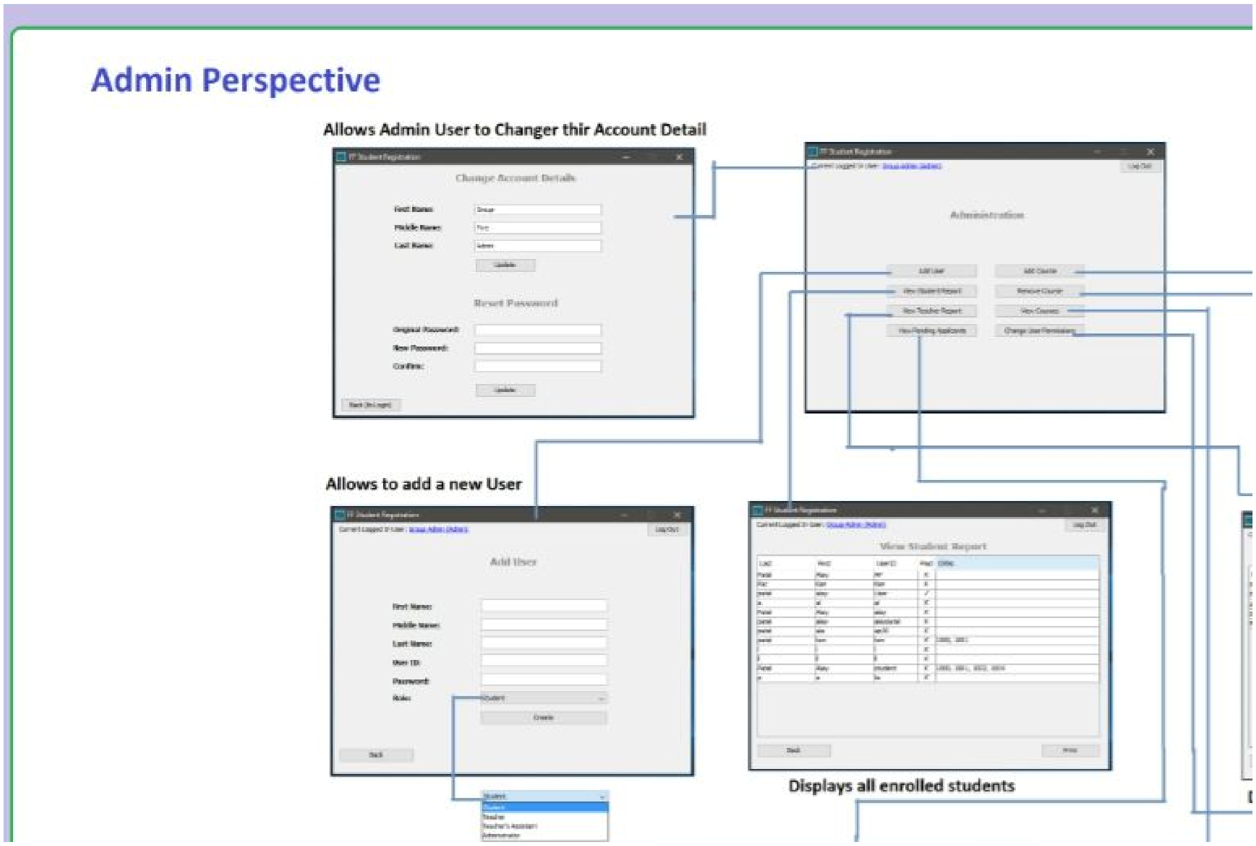
CRN: 1005

CR

CRN	Class	Capacity	Remaining	Teacher	Day	Time
1005	Glass Blowing	5	5	F Smith	T R S U	10:00-11:00

CRN	Class	Capacity	Remaining	Teacher	Day	Time
1005	Glass Blowing	5	5	F Smith	T R S U	10:00-11:00

Followed design document



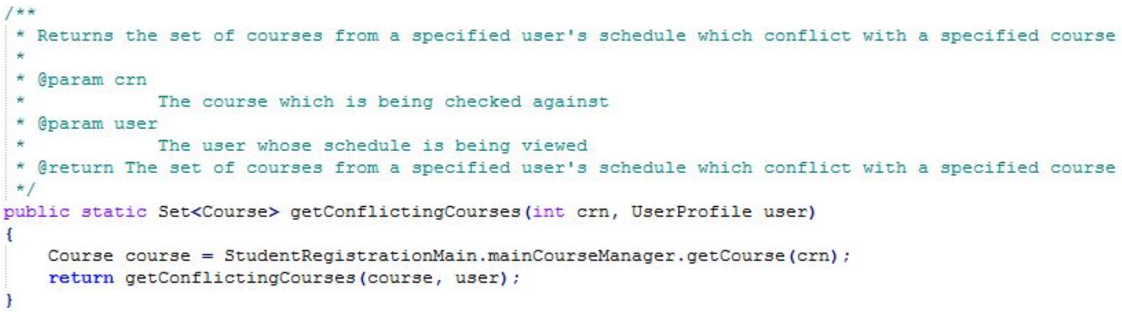
Admin Perspective

Allows Admin User to Changer thir Account Detail

Allows to add a new User

Displays all enrolled students

JavaDoc followed and variables have descriptive names.

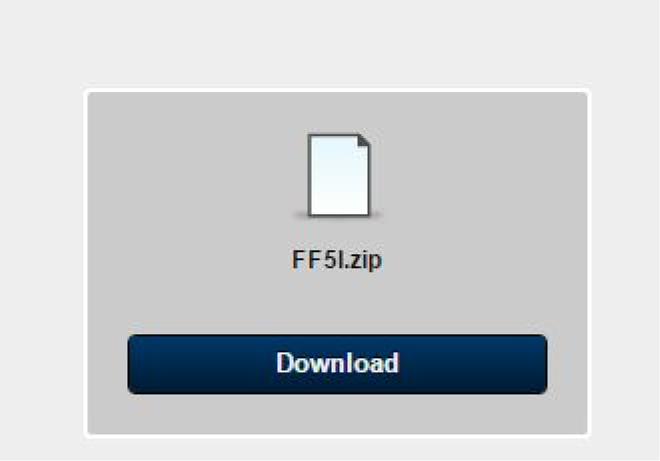


```
/**
 * Returns the set of courses from a specified user's schedule which conflict with a specified course
 *
 * @param crn
 *            The course which is being checked against
 * @param user
 *            The user whose schedule is being viewed
 * @return The set of courses from a specified user's schedule which conflict with a specified course
 */
public static Set<Course> getConflictingCourses(int crn, UserProfile user)
{
    Course course = StudentRegistrationMain.mainCourseManager.getCourse(crn);
    return getConflictingCourses(course, user);
}
```

Problems

Not following instructions.

Create a zip folder (ProjectPart3-Group_GroupNumber.zip).



Add a summary report document (PDF) file describing how the work was distributed between the group members. Discuss the tasks that each team member performed and the amount of work that was done.

Missing Functionality.

“ the system will allow the instructors to print reports about the courses they teach and the list of students enrolled in each course”

I could see no way for an instructor to view students enrolled.

The design was solid, interface consistent. 19/20